Prepared for:
National Grid Company
300 Erie Boulevard West, Syracuse, NY 13202

Remedial Investigation Report

Operable Unit 1

Schenectady (Clinton Street) Non-Owned Former MGP Site Schenectady, New York NYSDEC Site No.: V00474 Index #: D0-0001-0011

AECOM, Inc.
June 28, 2009
Project No.: 04980-011

AECOM

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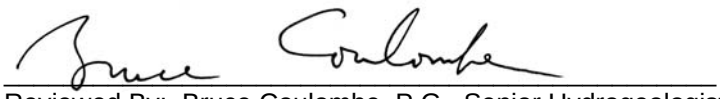
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Prepared By: Helen Jones, Geologist



Reviewed By: Bruce Coulombe, P.G., Senior Hydrogeologist

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Executive Summary

Introduction and background

A Remedial Investigation (RI) was performed for National Grid Company (National Grid) by AECOM Environment[1] for a site located on Clinton Street in the City of Schenectady, New York. The site is the location of a former manufactured gas plant (MGP) [New York State Department of Environmental Conservation (NYSDEC) Site No. V00474] that was operated in the late 1800's and early 1900's. The investigation of the site is being conducted pursuant to a Voluntary Consent Order (VCO) between National Grid and the NYSDEC, Index # D0-0001-0011, which was executed on July 3, 2001, and a set of Work Plans that were reviewed and approved by the NYSDEC.

The MGP operated for about 79 years (ca. 1851 to 1930) using coal to produce gas. Gas was distributed to consumers through buried mains and used primarily for illumination. Several residuals from the MGP process were generated which were identified at the site, including: coal tar, coke, ash, and purifier waste.

The on-site area consists of the area of the former MGP process operations, which is now occupied by the Schenectady Municipal Housing Authority (SMHA) and a portion of Clinton Street. The SMHA provides subsidized public housing for elderly or handicapped adults in several buildings at the site. The NYSDEC has indicated that this area will be designated Operable Unit 1 (OU1) of the site, and this report presents the results of all phases of investigation work performed in this area.

The off-site area consists of several roadways and portions of two city blocks to the west of the SMHA property. This area has been designated Operable Unit 2 (OU2) of the site. The NYSDEC has indicated that additional investigation work is necessary to determine the horizontal and vertical extent of the MGP-related residuals identified in this area. The fieldwork for OU2 is planned for the summer and fall of 2009, and a separate RI Report will be prepared to present the results of the sampling performed in this area.

Prior to the RI, several environmental investigations were performed for the site, beginning in 2003. The previous investigations obtained information regarding MGP operations, and identified the locations of subsurface MGP features. Subsurface soil and groundwater were found to be impacted with MGP-related constituents of concern (COC) in concentrations exceeding regulatory criteria, and the NYSDEC indicated that an RI would be necessary for the site. The objective of the RI was to obtain additional data regarding the nature and extent of the MGP-related residuals identified at the site and adjacent areas, and to evaluate the risks posed to human health and the environment by those residuals.

RI execution and results

The RI fieldwork consisted of the excavation of 12 test pits, the installation of 53 soil borings and 15 monitoring wells, the collection of 27 groundwater samples, and the collection of eight soil vapor intrusion evaluation samples. Soil and groundwater samples were also collected on the properties to the west of the site; however, the results of the sampling performed in these areas will be discussed in the RI Report for OU2 following further investigation planned for the summer or fall of 2009. The data collected from OU2 have been submitted to NYSDEC as part of the OU2 Work Plan.

[1] AECOM Environment is formerly known as ENSR Corporation (ENSR) and The RETEC Group, Inc. (RETEC).

RI results

Four soil units were identified at the site during the RI. A layer of historic fill material was observed in all areas of the site. The fill consists of sand and gravel mixed with varying amounts of coal fragments, coke, ash and clinkers and building debris such as bricks and concrete rubble. Beneath the fill is a thick layer of alluvium consisting of silt, silty sand, sand and lesser amounts of gravel. A peat unit was observed in several of the soil borings; however, the peat unit was not observed to be laterally continuous beneath the site. Beneath the alluvium is a glacial till unit comprised of dense clayey silt mixed with gravel. Groundwater is present at depths ranging between 7 and 10 feet below the ground surface (bgs) of the former MGP process area. The flow direction for groundwater in both the shallow and intermediate portions of the aquifer underlying the site is from the east to west/southwest.

Several subsurface MGP features are still present at the site. Portions of the foundation for the MGP process building are still present. Foundations for each of the three former gas holders for the MGP are present to the east of the former building area and beneath Clinton Street. Foundations also are present in the footprint of the former purifiers and one of the two former tar wells for the MGP.

Coal tar and coal tar non-aqueous phase liquid (NAPL) mixed with soil are present in localized areas of subsurface soils at the site. The occurrence of the coal tar NAPL on OU1 roughly corresponds to the footprint of the former MGP process area. Visible evidence of coal tar NAPL was observed down to depths of approximately 55 feet bgs of the site. The base of the coal tar and coal tar NAPL is within the alluvial soil unit. Borings advanced in all directions have delineated the horizontal and vertical extent of the coal tar-impacted soil in this area, with the exception of the area to the west of Broadway Avenue (OU2).

Visible evidence of coal tar NAPL was observed in one of the monitoring wells during the groundwater sampling performed during the RI. The analytical results of the groundwater sampling performed at the site indicated that several of the wells were found to have MGP-related COC in concentrations exceeding NYSDEC groundwater standards. Similar to the subsurface soil impacts, the area with the greatest concentrations of COCs was the former MGP process area. The groundwater plume extends further to the west and will be delineated during the RI for OU2.

A qualitative human health exposure assessment was performed for the site and the surrounding properties. Workers performing subsurface work could possibly be exposed to coal tar-impacted soil and groundwater in the SMHA property and Clinton Street. Measures to address this potential pathway will be evaluated in a feasibility study (FS) of potential remedial actions for site cleanup. Site residents, workers, and visitors are not currently exposed to MGP-related impacts. Off-site receptors are not at risk for exposure except in the OU2 area. (The risks to receptors in OU2 will be addressed as part of the OU2 RI.)

Conclusion

With the observations and data presented in this report, National Grid has performed a delineation and evaluation of conditions for the OU1 portion on the site, and thereby adequately fulfilled the specifications for a remedial investigation as outlined in the Order on Consent. Following approval of this report by the NYSDEC, an FS will be prepared to identify remedial methods that may be used to address the MGP-impacted media. The evaluation will review potential remedial actions for all portions of OU1, and will address subsurface soil, groundwater, and soil vapor.

List of Acronyms

AOC	Administrative Order on Consent
ARARs	Applicable or Relevant and Appropriate Requirements
ASP	Analytical Services Protocol
ATL	Air Toxics Laboratory
bgs	Below Ground Surface
BTEX	Benzene, Ethyl benzene, Toluene, and Xylene
CAMP	Community Air Monitoring Plan
cfs	Cubic feet per second
COC	Constituents of Concern
DER	Division of Environmental Remediation
DNAPL	Dense Non-Aqueous Phase Liquid
DPW	Department of Public Works
DUSR	Data Usability Summary Report
ELAP	Environmental Laboratory Approval Program
ERP	Environmental Restoration Project
ESA	Environmental Site Assessment
FSAP	Field Sampling and Analytical Plan
FS	Feasibility Study
GPS	Global Positioning System
HASP	Health and Safety Plan
HSA	Hollow-stem Augers
I.D.	Inner Diameter
IDW	Investigation-Derived Waste
IRM	Interim Remedial Measure
LNAPL	Light Non-Aqueous Phase Liquid
MS	Matrix Spike
MSD	Matrix Spike Duplicate
mg/Kg	Milligram/Kilogram
MGP	Manufactured Gas Plant
MTBE	Methyl tert-butyl ether
NAD83	North American Datum of 1983
NAVD88	North American Vertical Datum of 1988
NAPL	Non-Aqueous Phase Liquid
NAWQC	National Ambient Water Quality Criteria
NCP	National Contingency Plan
NTUs	Nephelometric Turbidity Units
NYSASP	New York State Analytical Services Protocol – July 2005

NYSDOH	New York State Department of Health
NYSDEC	New York State Department of Environmental Conservation
NYSWQS	New York State Water Quality Standards
O.D.	Outer Diameter
OU1 / 2	Operable Unit 1 / Operable Unit 2
PAH	Polycyclic Aromatic Hydrocarbon
PCB	Polychlorinated Biphenyl
PID	Photo-Ionization Detector
PLS	Professional Land Surveyor
ppb	Parts per Billion
PPE	Personal Protective Equipment
ppm	Parts per Million
PSE	Preliminary Site Evaluation
PVC	Polyvinyl Chloride
QA/QC	Quality Assurance/Quality Control
QAPP	Quality Assurance Project Plan
RI	Remedial Investigation
RI/FS	Remedial Investigation/Feasibility Study
ROW	Right-of-Way
Sanborn	Sanborn Fire Insurance Map
SC	Site Characterization
SCGs	Standards, Criteria and Guidance
SCOs	Soil Cleanup Objectives
SDG	Sample Delivery Group
SMHA	Schenectady Municipal Housing Authority
SOPs	Standard Operating Procedures
SVI	Soil Vapor Intrusion
SVOCs	Semi-Volatile Organic Compounds
TAL	Target Analyte List
TCL	Target Compound List
TCLP	Toxicity Characteristic Leaching Procedure
TOC	Total Organic Carbon
ug/L	Micrograms per Liter
U.S. EPA	United States Environmental Protection Agency
USCS	Unified Soil Classification System
USFWS	United States Fish and Wildlife Service
USGS	United States Geological Survey
UST	Underground Storage Tank
VCO	Voluntary Consent Order
VOCs	Volatile Organic Compounds

1.0 Introduction

This Remedial Investigation (RI) Report has been prepared for National Grid Company (National Grid) by AECOM Environment to present the results of an investigation performed on a property located at Clinton Street in the City of Schenectady, Schenectady County, New York. This property was the site of a former manufactured gas plant (MGP) that operated in the late 1800's and early 1900's.

The investigation of the site is being conducted pursuant to a Voluntary Consent Order (VCO) between National Grid and the New York State Department of Environmental Conservation (NYSDEC), Index # D0-0001-0011, which was executed on July 3, 2001, and in accordance with applicable guidelines of the NYSDEC, the New York State Department of Health (NYSDOH), the United States Environmental Protection Agency (U.S. EPA), and the National Contingency Plan (NCP).

The fieldwork for the RI was performed using procedures described in the NYSDEC-approved documents entitled "Remedial Investigation Work Plan, Schenectady (Clinton Street) Non-owned Former MGP Site, Schenectady, New York," dated October 2, 2006 [RETEC, 2006a] and " Phase II Remedial Investigation Work Plan, Schenectady (Clinton Street) Non-owned Former MGP Site, Schenectady, New York," [RETEC, 2007].

Four companion documents were prepared to detail additional procedures and protocols for the RI. Field sampling methods and procedures that were used during the investigation were described in the document prepared by Foster Wheeler Environmental Corporation entitled "Generic Field Sampling Plan for Site Investigations at Manufactured Gas Plant Sites," dated November 2002 [Foster Wheeler, 2002a]. A Quality Assurance Project Plan (QAPP) was prepared to specify quality assurance/quality control (QA/QC) procedures that were implemented during the fieldwork and in the laboratory [Foster Wheeler, 2002b]. A Community Air Monitoring Program (CAMP) was prepared to provide information regarding the procedures used to monitor and control, if necessary, the potential release of airborne constituents at the downwind perimeters of the investigation work areas [RETEC, 2006b]. A Site-specific Health and Safety Plan (HASP) was prepared to outline procedures that were undertaken to protect site workers and visitors, and the public in the areas adjacent to the site from potential hazards that may exist as a result of the RI fieldwork [RETEC, 2006c].

Investigation work for the RI has previously been performed in two areas of the site. The On-site Area consists of the area of the former MGP process operations which is now occupied by the Schenectady Municipal Housing Authority (SMHA); a portion of Clinton Street; and a portion of a city block to the northwest of Clinton Street. The NYSDEC has indicated that these areas will be designated as Operable Unit 1 (OU1) of the site, and this report provides a summary of the investigation work performed in this area. RI sampling has also been performed in the two city blocks to the west of Broadway Avenue. This area has been designated as OU2 of the site. As specified by the NYSDEC, the results of the sampling performed in this area, and the results of additional sampling planned for the summer and fall of 2009, will be summarized in a separate RI Report for OU2.

1.1 Objectives

The objectives of the RI included the following:

- To collect additional data to determine the surface and subsurface characteristics of the site;
- To determine the nature and extent of MGP-related residuals that are present at the site and surrounding areas;
- To identify the potential routes of off-site migration from on-site sources of MGP-related residuals;
- To perform an exposure assessment to evaluate the pathways by which a human receptor (either on-site or off-site) may be exposed to an MGP-related constituents; and

- To obtain sufficient data to facilitate the selection of remedial actions to address MGP residuals at the site.

1.2 Scope of work

The scope of work for the RI, as defined in the NYSDEC-approved Work Plans, included the following:

- Subsurface utility clearance;
- Test trench excavation and subsurface soil sampling;
- Subsurface soil boring installation and subsurface soil sampling;
- Monitoring well installation and development;
- Groundwater sampling;
- Gauging for the presence of non-aqueous phase liquids (NAPLs);
- Hydrocarbon bail-down and recovery testing;
- Soil vapor intrusion (SVI) evaluation sampling;
- Site surveying; and
- Management of investigation-derived wastes (IDW).

1.3 Report organization

This report is organized into nine sections including this introduction.

- **Section 2** describes the site and off-site areas, and presents historical ownership, property use, and operational summary information.
- **Section 3** describes the RI activities performed at the site.
- **Section 4** summarizes information regarding the site's topography, geology, hydrology, and the observed extent of MGP-related residuals.
- **Section 5** summarizes the results of the laboratory analyses for environmental media sampled during the investigation.
- **Section 6** presents a qualitative human health exposure assessment for the site and the adjacent off-site areas.
- **Section 7** presents the conclusions for the investigation performed at the site.
- **Section 8** presents recommendations for additional actions.
- **Section 9** provides a list of references cited in this report.

Tables and figures are included in sections that immediately follow the report text.

Appendices to the report include the following:

- **Appendix A** – Subsurface test pit logs, borelogs, and well construction diagrams for the RI, and the previous investigations performed at the site.
- **Appendix B** – The laboratory Form I report sheets and chain-of-custody records for the samples analyzed during the RI and the previous investigations performed at the site and Data Usability Summary Reports (DUSRs) for all the RI samples (CD-ROM).
- **Appendix C** – The full NYSDEC Analytical Services Protocol (ASP) Category B deliverable data package (CD-ROM).

2.0 Site description and history

This section presents a description of the site, information regarding site ownership and operational history, and the results of the previous investigation and remedial work performed.

2.1 Site description

The site is located at the corner of Broadway Avenue and Clinton Street in the City of Schenectady, Schenectady County, New York. The location of the site is shown on Figure 2-1. The site is located in an area that is zoned for mixed commercial/residential use. As shown on Figure 2-2, the former process area of the MGP was situated on what are currently three separate parcels of land.

The majority of the process area was situated in the central portion of a 2.2 acre parcel of land that is currently identified by the City of Schenectady Tax Assessment Office as Section, Lot and Block Numbers 049.23-3-1. This parcel is owned by the SMHA. The SMHA provides federally subsidized public housing for elderly or handicapped adults, and offices and living units are present in the Golub Community Center Building (Figure 2-2). Also present at this parcel is a one-story building and grounds garage. The remainder of the parcel is comprised of parking lots, driveways, grass-covered areas, and landscaped areas.

As shown on Figure 2-2, a portion of a former gas holder (Gas Holder B) was located on what is now Clinton Street and a parcel of land that is currently identified by the City of Schenectady Tax Assessment Office as Section, Lot, and Block Numbers 039.79-2-13. This parcel is currently owned by the Schenectady Urban Renewal Authority. This parcel is currently covered by grass and landscaped areas.

As shown on Figure 2-2, the southeastern portion of the former process area is located on what is now a parcel of land that is identified by the City of Schenectady Tax Assessment Office as Section, Lot, and Block Numbers 049.23-3-3. This parcel is also owned by the SMHA. This parcel contains apartment buildings with adjacent grass or landscape-covered areas.

2.1.1 Adjacent properties

The northern-most parcel of the site is bounded to the north by two residential properties, with Hamilton Street beyond.

The central area of the site is bounded to the northwest by Broadway Avenue. Further to the northwest across Broadway is a parking lot located at 312 Broadway Avenue. This property is owned by the City of Schenectady and is the subject on an Environmental Restoration Project (ERP) being performed by the Schenectady County Metroplex Development Authority. Known as the 312 Broadway site, the City is performing a Phase II Environmental Site Assessment (ESA) of this parcel for a planned redevelopment project. A report of the findings of an investigation performed by C. T. Male Associates, P.C. for the City in 2004 to assess whether there were environmental impacts on the property, and to support the application to the ERP program is currently being reviewed by the NYSDEC. RI fieldwork was performed in the southeast corner of this property to assess whether MGP-related residuals are present in this area. Because this area is included in OU2 of the site, additional discussion of the results of the sampling performed in this area will be included in the RI Report for OU2.

To the northeast of the site is a parcel of land which is also owned by the SMHA. This parcel is identified by the City of Schenectady Tax Assessment Office as Section, Lot, and Block Numbers 49.23-3-2. This parcel is used as a park which is covered by grass and landscaped areas. A park pavilion is present in the northeastern area of the parcel.

To the south of the site is Millard Street, with additional SMHA land beyond.

To the west, the site is bounded by Broadway Avenue, with several commercial properties (318, 330, 336, and 340 Broadway Avenue) beyond. Additional sampling will be performed in this area as part of the OU2 investigation.

2.2 MGP site history

The New York State Archives, the Schenectady County Public Archives, historical atlases, historic Sanborn Fire Insurance maps, and information from the Schenectady County Historical Association were reviewed to obtain information regarding the history and former land use of the site. In addition, interviews were conducted with the Schenectady City Engineer and local Historian. Summary information regarding the history of the site from these sources is presented in Table 2-1.

The Sanborn Fire Insurance maps for the years 1884, 1889, 1894, 1900, 1914, 1930, 1951, 1988, 1992, 1993, and 1995 were included in the RI Work Plan to show the changes to the configuration of the MGP over the time of operations, and during the period following plant decommissioning. The MGP-related features identified on the Sanborn maps are shown in blue on Figure 2-2.

The MGP began operations in 1851. Information regarding plant decommissioning is not available; however, from the historical information cited above, it appears that the plant operated until the early 1930's.

2.2.1 Potential source areas for MGP residuals

Based on the review of the historical information available for the site, various former site features which could have been potential source areas for MGP residuals were identified. As such, these areas were investigated during the previous investigations performed at the site and the RI. The key features of the former MGP are shown on Figure 2-2 and are summarized below:

- The original 30-foot diameter gas holder located in the southern area of the site (Gas Holder A).
- A 60-foot diameter gas holder (Gas Holder B) present in the north area of the site.
- A 45-foot diameter gas holder (Gas Holder C) in the southern area of the site. The footprint of this holder partially overlapped the footprint of the initial Gas Holder A.
- Two tar wells (Tar Well A and Tar Well B) located to the north of the MGP Process Building adjacent to Broadway Avenue.
- The MGP Process Building located in the central portion of the site. A Meter Room, a "Dynamos" Room, Retorts, a Coal Storage Area, a Pipe Shop, a Pump House, an Office, and a Cable Storage Area were present within the footprint of the MGP Process Building.
- A Repair Shop to the east of the MGP.
- A building located to the northeast of the MGP Process Building that housed a Repair Room, Purifiers, a Lime Room, and a Meter Room.
- A Coke House located to the north of the MGP process area.
- A Gasoline Pump House and Tank located in the northern area of the site.

2.2.2 Other site uses

The historical information indicates that the buildings constructed for the MGP were later used for the storage and distribution of agricultural products. A label on the 1951 Sanborn Map shows that the property was being used by the Fruit & Grow Company at this time.

The northern portion of the MGP process area was redeveloped when a new roadway for Clinton Street was constructed in the footprint of Gas Holder B. To determine if any information was available regarding the conditions encountered when the new roadway was constructed, AECOM contacted the City Engineer for the

City of Schenectady. According to the City Engineer, records regarding environmental conditions encountered during roadway construction were not available.

The site was further redeveloped when the SMHA Golub Community Center Building, and adjacent parking lots and landscaped areas were constructed in the early 1990's.

2.3 Previous site investigation

The previous investigation work performed for the site includes the preparation of an investigation work plan and the completion of an initial phase of fieldwork.

A Site Characterization (SC) Work Plan was prepared by Foster Wheeler Environmental Corporation to present investigation activities and methods to be used to conduct an initial investigation of the site. The work plan procedures were presented in the document entitled "Schenectady (Clinton Street) Non-owned Former MGP Site, Schenectady, New York, Site-specific Work Plan for Site Characterization," dated July 2003 [Foster Wheeler, 2003]. The SC Work Plan included a description of the site, a summary of the history of the MGP operations and other uses of the site, and identified the scope-of-work and methods for performing the SC.

Several of the field tasks identified in the SC Work Plan were performed by Lightship Engineering in the fall of 2004. These tasks included the excavation of four test pits, the advancement of five subsurface soil borings and the analysis of subsurface soil samples, the installation of four monitoring wells and the analysis of groundwater samples, and a survey of the investigation data points and site features. The test pit, soil boring logs, and well construction logs for this investigation are included in Appendix A.

The sampling performed by Lightship identified several areas of the site where MGP-related constituents are present in concentrations exceeding regulatory criteria. Based on the sampling and analyses performed during this investigation, the NYSDEC indicated that a RI would be necessary to more completely delineate the nature and extent of the MGP-related residuals found at the site. The results of the laboratory analyses and data validation work performed by Lightship are included in Appendix B.

As indicated above, C. T. Male Associates has performed investigation work for the City in 2004 to assess whether there were environmental impacts on the 312 Broadway Ave. property. Two shallow monitoring wells (CTM14 and CTM15) were installed in OU1 during this investigation. The boring logs and well construction logs for these wells are included in Appendix A. The results of the soil and groundwater sampling performed by C.T. Male are discussed in Section 5.

3.0 Investigation activities

This section provides a description of the activities performed during the RI, and the methods used for conducting the fieldwork at the on-site and off-site areas. Unless otherwise noted in the following sections, the procedures used were consistent with the methods and procedures described in the NYSDEC-approved RI Work Plan, FSAP, QAPP, and CAMP. Each field activity performed during the investigation, grouped by field task or environmental media, is described in the following sections. The RI sample locations, and the locations of the samples collected during the previous investigations, are shown on Figure 3-1.

3.1 Subsurface utility location

Subsurface utilities were located prior to starting the invasive subsurface investigation work. The utility locating was initiated by contacting Dig Safely New York. Each company or municipality that had subsurface utilities present in the investigation area marked-out their utility lines prior to the initiation of the subsurface work. A private utility locating company was contracted by AECOM to further investigate the presence of sub-surface utilities near boring locations. This was done by using ground penetrating radar, a radio-detection pipe and cable locator, and a Fisher TW-6 Magnetic locator. Boring locations located near sub-surface utilities were hand cleared to a depth of five feet using soft dig methods. The subsurface utilities identified during this task were surveyed, and the types and locations of the utilities are shown on Figure 2-3.

3.2 Test pit excavations

The locations of the test pits excavated during the investigations performed by Lightship Engineering and AECOM are shown on Figure 3-1. The test pit logs are included in Appendix A. The results of the observations made during the test pit excavations are discussed in Section 4. Note that, several of the RI test trenches were sub-divided so that separate test trench logs could be prepared to show varying subsurface conditions. Test trenches were excavated within the footprint of, and adjacent to the each of the gas holder foundations, within the footprint of the MGP Building and purifiers, and the footprints of the tar tanks. Table 3-1 presents information regarding the test trench excavations including: the test trench identification, sample rationale, sampling depth, and the laboratory analyses performed.

The test trenches were excavated by MC Environmental Services of Albany, New York using a track mounted excavator. Soil samples were collected from every 2-foot depth interval within the test trench (and varying intervals along its length) and field-screened with a photo-ionization detector (PID) for the presence of volatile organic vapors. A subsurface test trench log was prepared to describe: the type of soil encountered using the modified Unified Soil Classification System (USCS), the presence of hydrocarbon-like odors, the presence of visible evidence of MGP-related residuals, and a description of each subsurface feature encountered (foundations, pipes, etc.).

Samples for laboratory analyses were collected from the test trenches at discrete intervals, biased to depths and locations exhibiting the greatest degree of impact based on visual, olfactory, and PID observations. The locations of the laboratory samples collected from the test trenches are shown on Figure 3-1. Note that samples of tar-like materials or soil saturated with tar or non-aqueous phase liquid (NAPL) were not sent to the laboratory for analysis (except for the hazardous characteristics analyses listed on Table 3-1). These materials were assumed to be impacted to the extent where remediation would be necessary. The horizontal and vertical extent of this material, as observed by the field geologist, is shown on the test trench logs and on the figures and cross-sectional views of the site discussed in Section 4.

At the conclusion of each test trench, the excavated materials were returned to the trench in the reverse order of its excavation. The ground surface at each trench location was re-graded using visibly non-impacted soils, covered with topsoil, or in the purifier area, covered with new asphalt pavement.

3.3 Subsurface soil borings

Forty-eight additional soil borings were advanced during the RI to obtain information regarding the presence or absence of structures, to define the thickness and composition of the fill and native soils beneath the site, to observe and screen subsurface soil to identify conditions that may be indicative of impacts by MGP or other residuals, and to install monitoring wells. The locations of the soil borings are shown on Figure 3-1. Summary information for the borings is provided in Table 3-1, including: the boring designations, the sample rationale, the depth interval analyzed, and the laboratory analyses completed.

Two general mobilizations were performed in 2006 and 2008 to complete the soil borings. The RI Work Plans for these mobilizations specified the locations of 41 soil borings. Seven additional borings were added as the fieldwork was performed to determine the extent of MGP impacts in several on-site locations. The additional borings include:

- SB52 was advanced to the west of the SMHA building to assess sub-surface conditions south of former Gas Holders A and C.
- SB53 was advanced in the western part of former Gas Holder C to further assess the west limits of coal tar impacts associated with former Gas Holder C.
- SB54 through SB59 were advanced in the northeast part of the site to further assess the north/northeast limits of coal tar impacts observed in the purifier area.

The 2006 soil borings were performed by Aztech Technologies Inc. of Ballston Spa, New York. The 2008 soil borings were performed by North Star Drilling Company of Homer, New York. The subsurface soil borings were advanced using the following drilling methods:

- The 2006 borings were completed with a track-mounted direct-push (Geoprobe™) drilling rig, with the use of a closed piston, discrete Macro-core™ sampler.
- The 2008 borings were completed by North Star using a sonic head equipped with a push tube sampler. Note that several borings in the area of Gas Holder B were completed by North Star using mud rotary during the 2008 work.

Soil samples at all locations were collected with either direct-push Macro-Core™ samplers, 2.5 inch sonic tube sampler or 2-inch diameter split-spoon samplers. All methods allowed for continuous, discrete soil samples to be taken from the ground surface to the bottom of the borehole for both field characterization (PID screening and observations), and for the collection of samples for chemical analyses.

The soil samples were logged by a geologist. Information regarding the presence of fill material or subsurface structures, the nature of each geologic unit encountered, observations regarding moisture content, the results of soil screening performed with a photo-ionization detector (PID), and visual and olfactory observations regarding the presence of coal tar residuals were recorded on soil boring logs are provided in Appendix A. The results are also summarized on the cross-sectional views of the site (discussed in Section 4).

Each of the boreholes not finished as a monitoring well was abandoned by filling the borehole with a cement/bentonite grout mixture. The location and ground surface elevation for each boring was surveyed at the conclusion of the drilling program.

3.4 Monitoring well installation

Wells MW1, MW2, MW3, and MW4 were installed during the SC investigation performed at the site. Seventeen monitoring wells were installed during the RI to obtain additional groundwater data at up-gradient, cross-gradient, and down-gradient locations from various former MGP features. Two wells were installed by C.T. Male for the 312 Broadway investigation. The location of each well is shown on Figure 3-1. Table 3-2 provides summary information for the wells installed at the site including: the well designation, the type of well construction, the elevation of the ground surface at each location, and the elevation of the top of each well riser

(in feet above North American Vertical Datum of 1988 [NAVD88]). The construction details for each well are shown on the respective soil boring logs in Appendix A, and on the cross-sectional views of the site.

3.5 Well development

Each of the RI monitoring wells were developed in order to remove fine-grained sediment and fluid residue from the well and the sand pack and to create maximum well efficiency. A surge-and-pump method was used to develop the wells. A surge block was used to actively surge and agitate the water column by forcing water back and forth through the well screen and sand pack. Following surging, the wells were pumped with a submersible pump.

3.6 Groundwater monitoring

The groundwater monitoring activities consisted of: 1) the collection of depth-to-water measurements to map the flow direction for groundwater in the investigation area; 2) gauging the wells for the presence of NAPL; and 3) the collection of groundwater samples for laboratory analyses.

3.6.1 Depth-to-water measurements

A complete round of depth-to-water measurements for all site wells was taken on December 8, 2008. The data obtained are summarized on Table 3-2. Included in the table are the measurements taken at each well, and the respective groundwater elevations, presented in feet above NAVD88. In addition, all new and existing wells were checked for the presence of light non-aqueous phase liquid (LNAPL) and dense non-aqueous phase liquid (DNAPL).

3.6.2 Groundwater sampling

The RI groundwater sampling was performed on November 28-29, 2006, and December 8-11, 2008. Monitoring wells were sampled at least two weeks after they were developed, and left to stabilize for a period of approximately 2 weeks. Table 3-1 presents summary information for the groundwater sampling including: the well designations, the sample rationale, and the laboratory analyses performed.

3.6.3 NAPL recovery gauging

One well (MW8) was found to accumulate measurable amounts of DNAPL in the well sump. The thickness of the DNAPL was observed to be two feet, a thickness equal to the length of the well sump. A NAPL bail-down test was performed to assess the potential for NAPL recovery at this location. The results of the bail-down test are provided on Figure 4-9.

3.7 Soil vapor intrusion evaluation sampling

The 2006 RI Work Plan included soil vapor and ambient air samples that were requested by the NYSDEC and the NYSDOH to evaluate the potential for intrusion into nearby buildings of soil vapor that may be affected by residual subsurface impacts that remain from historical MGP operations.

The initial round of soil vapor and ambient air sampling was performed at the site on November 13 and 14, 2006. The soil vapor samples included: SV1 and SV2 which were collected adjacent to the SMHA building, and SV3 and SV4 which were collected at locations adjacent to the apartment buildings to the east of the SMHA building. The sample locations are shown on Figure 3-1.

Following a review of the 2006 soil vapor data, the NYSDOH requested that additional sub-slab sampling and soil vapor sampling be performed as part of the 2008 RI field activities. The scope of work for this sampling was detailed in the RI Work Plan [RETEC, 2007].

In order to complete the sub-slab vapor sampling within the heating season, sub-slab samples SV5 and SV6 were collected in the SMHA building in March 2008. The results of this sampling were provided to the

NYSDEC and the NYSDOH in a preliminary data summary report dated May 21, 2008. The remaining soil vapor samples (SV8 and SV9) were collected on August 22, 2008.

The sampling and analytical methods used during this investigation were consistent with the document entitled "Final Guidance for Evaluating Soil Vapor Intrusion in the State of New York, New York State Department of Health," October 2006 [NYSDOH, 2006]. The work was conducted in accordance with the RI Work Plan, including the National Grid standard operating procedures (SOPs) for soil vapor sampling which were developed for this project.

Note that soil vapor sample SV7 was collected during the 2008 sampling event in a driveway between the off-site properties located at 318 Broadway and 330 Broadway. Since this sample was collected in OU2, the results of this sample will be discussed in the OU2 RI Report.

Sample points inside the SMHA building were selected in consultation with a representative of the NYSDEC at the general locations specified in the RI Work Plan. For both the sub-slab vapor samples and the soil vapor samples collected outside the buildings, a helium tracer gas evaluation was performed to ensure the integrity of the vapor sampling seals, and to assess the potential for introduction of ambient air into the soil vapor samples.

The soil vapor samples were shipped via overnight delivery to Air Toxics Laboratory (ATL) for volatile organic compound (VOC) analysis by U.S. EPA Method TO-15. Helium was analyzed by ASTM Method D-1946. A special list of compounds, including naphthalene, indan, indene, thiophene, styrene, 2-methylpentane, isopentane, 2,3-dimethylpentane, isooctane, and methyl tert-butyl ether (MTBE), were added to aid in determining potential MGP-related sources from other sources of impact.

3.8 Community air monitoring

Community air monitoring was performed to provide real-time measurements of total VOCs and particulate (airborne dust) concentrations in air at the downwind perimeter of each designated work area when intrusive investigation activities were in progress at the site. The procedures followed methods described in the CAMP [RETEC, 2006b]. Additionally, site personnel monitored the perimeter stations to determine if any odors were being produced as a result of the intrusive sampling activities. The monitoring was designed to provide protection for the downwind community, such as those present at the adjacent public areas and commercial properties, from potential releases of airborne constituents resulting from the investigation activities.

Total VOCs and particulates were monitored with a PID and dust meter, respectively, located upwind and downwind of each work zone. The VOC and particulate levels at each location were recorded on field forms every 15 minutes. The PIDs and dust meters were also set to log information continuously throughout the work day. This information was downloaded to a laptop computer at the end of each work day so that the NYSDEC and NYSDOH could review the information if needed. The specific action levels for VOCs and particulates are provided in the CAMP. Action levels were not reached as a result of the intrusive investigation activities at any time during the RI, so no response actions were necessary.

3.9 Site survey

The location of each investigation sample point and the property boundaries, street boundaries and buildings, along with other important site features were surveyed by C.T. Male Associates, P.C. of Latham, New York. C.T. Male's surveyor is a certified Professional Land Surveyor (PLS). Horizontal measurements were referenced to North American Datum of 1983 (NAD83), New York State Central Zone coordinates. Vertical elevations were referenced to the North American Vertical Datum of 1988 (NAVD88). The ground surface elevation was measured at each soil boring, test pits, monitoring well, and other locations. The reference elevation for each monitoring well (top of well casing) was also marked and surveyed. The ground surface contours for OU1 are shown on Figure 4-1.

3.10 Investigation-derived waste management

Several types of investigation-derived waste (IDW) were generated during the RI activities including: 1) decontamination wash-water from the down hole drilling tools; 2) soil from sampling activates; 3) well development water; 4) groundwater sampling purge water; 5) personal protective equipment (PPE); and 6) miscellaneous sampling equipment and plastic sheeting. All IDW generated during these tasks was placed in drums or polyethylene tanks, and properly labeled. The soil and water were sampled for waste profiling purposes. All IDW was transported off site to a permitted disposal facility for proper disposal.

4.0 Field investigation results

This section presents a summary of the field measurements and observations of the physical environment of the investigation area. Included is a discussion of the topography, geology and hydrology of the site, and observations regarding the observed extent of the MGP-related residuals in these areas.

4.1 Site topography and drainage

The ground surface at the site slopes from about 250 feet NAVD88 at Gas Holder C, to about 226 feet NAVD88 at Broadway Avenue. Surface water flow direction across the site is likely to mimic the slope of the ground surface with discharge to a series of catch basins in Clinton Street and Broadway Avenue.

4.2 Site geology

Information regarding the geology of the site was obtained from the test pit excavations, and from the soil boring and monitoring well installations. Observations made during these tasks are summarized on the test pit and soil boring logs included in Appendix A. Four cross-sectional views were prepared to illustrate the subsurface conditions observed during the investigation. The locations of the cross-sections are shown on Figure 4-2, and the cross-sections are included as Figure 4-3 (A-A'), Figure 4-4 (B-B'), Figure 4-5 (C-C'), and Figure 4-6 (D-D'). As shown on the figures, four subsurface soil units were identified during the investigation activities.

- Fill - Fill was observed to be present in all areas of the site in thicknesses that ranged from approximately 20 feet in former Gas Holder B, to approximately 5 feet in the area to the west of the site along Broadway Avenue. The fill is comprised of sand with varying amounts of silt, coal fragments, cobbles and boulders, brick and concrete fragments, clinker-like material, ashes, and coke fragments.
- Alluvium - Beneath the fill is a silty sand and sand unit which was observed in all borings advanced at the site. The alluvium thickness ranges up to approximately 90 feet thick in the central portion of the site at SB37.
- Peat - At the southwestern area of the site (along Broadway Avenue) is a thin peat layer within the alluvium which was observed range in thickness between 0.5 to 2 feet thick. This unit was not observed to the west and north of this area, therefore, is not laterally continuous across the site.
- Till - Glacial till was observed at five boring locations. The till was observed at 85 feet below the ground surface (bgs) at SB50, and to 97 feet bgs surface at SB37. The till was observed to be dense, dry clayey silt with varying amounts of amounts of gravel.

4.3 Site hydrogeology

A complete round of depth-to-water measurements were taken on December 8, 2008 for all the wells at OU1, OU2 and the 312 Broadway site. With one exception, the water table is found at depths which vary from 7 to 10 feet across the former process area. At up-gradient well MW6 the depth to water was approximately 30 feet bgs because this well is located at a higher elevation than the wells in the former process area.

The data obtained from the wells screened at the water table are summarized in Table 3-2. The data has been used to prepare a contour map of the shallow groundwater flow direction. As shown on Figure 4-7 shallow groundwater flow is from east to west across the site with an approximate hydraulic gradient of 0.022 feet/feet.

The data obtained from the wells screened in the deeper portion of the aquifer are summarized in Table 3-2. As shown on Figure 4-8, the groundwater flow direction for the deeper portion of the aquifer is also from east to west across the site.

4.4 Potential source area investigation results

This section presents a summary of the field observations made during the RI. During the subsurface investigation, residuals from former MGP operations were observed in various forms, such as hydrocarbon sheens, staining, and as NAPL. The term "tar" or "coal tar" is used to describe viscous NAPL from MGP operations which does not readily separate from soils. The term "coal tar NAPL" or "NAPL" is used to describe less viscous NAPL from former MGP operations which will readily flow or separate from soils. Specific testing was not performed on tar or NAPL encountered in the borings; it is presumed that these on-site materials are residuals from the gas production process. For discussion and illustrative purposes, the observations made by the field geologist have been grouped into the following general categories:

- Fill material comprised of non-indigenous material emplaced at the site that contained trace amounts of anthropogenic materials such as cinders, coal fragments, coke fragments, ashes, and varying amounts of construction debris;
- Moderately to grossly impacted soil or fill material exhibiting a visibly identifiable coal tar staining, coal tar sheen, and/or trace amounts of coal tar NAPL blebs (indicated by the yellow color on the figures and cross-sectional views of the site); and
- Coal tar or soil saturated with coal tar NAPL (indicated by the red color on the figures and cross-sectional views of the site).

If visible evidence of MGP-related residuals was not observed, the test pit, boring or well location is shaded green on the figures. It is important to note that these descriptions and colored illustrations are included to provide a useful tool in representing the extent of the observed residuals at the site; however, they are somewhat general in nature and are intended to be used along with the subsurface logs and the results of the chemical analyses to fully evaluate the nature and extent of impacts at the site.

4.4.1 Gas Holder A

The original gas holder at the MGP was Gas Holder A. Two borings and a test pit were advanced in the footprint of the holder. Based on the observations made during the excavation of TP8, the foundation of the holder was constructed of field stone with a concrete floor. Based on the soil borings advanced in the holder footprint (SB7 and SB11), visible evidence of MGP-related residuals was not observed at this location.

4.4.2 Gas Holder B

The foundation for Gas Holder B is still present at about 3 feet below the surface of Clinton Street and the adjacent property to the northwest. Two test pits were excavated in the footprint of foundation. Soil borings and monitoring wells were also installed inside and outside of the holder foundation. The test pits indicate the holder foundation is constructed of bricks and is still intact. The floor of the holder is constructed of bricks and is present at approximately 20 feet bgs. Hydrocarbon-like staining was observed in the foundation at SB50; however, coal tar was not observed in the borings or test pits excavated inside the holder foundation. A trace amount of hardened coal tar mixed with soil was observed in test pit TP7 outside of the holder at a depth of 3-6 ft bgs and a "neutral buoyancy" coal tar NAPL was observed in the water that accumulated in the test pit excavation.

4.4.3 Gas Holder C

Gas Holder C was the most recent holder constructed for the MGP. It partially overlapped Holder A which was demolished prior to the construction of the more recent holder (Figure 3-1). Two test pits were excavated in the footprint of the Gas Holder C during the RI. Five soil borings were also advanced inside and outside of the holder foundation.

The sampling performed inside the foundation indicates that the holder floor is still present in the subsurface at the location shown on Figure 3-1. The floor is constructed of concrete and is approximately 3 feet bgs. Impacted subsurface soil was observed at the western edge of, or just outside of the foundation wall at SB3 and SB14. Impacts were not observed in subsurface borings in the eastern portion of the holder.

4.4.4 Purifier area

Three soil borings (SB17, SB37 and SB40) and two test pits (TP10 and TP11) were advanced in the footprint of the former purifier area. The borings and test pits show that foundations are still present in the subsurface at this location. Coal tar or coal tar NAPL was not found inside the foundations in the Purifier Area; however, deeper subsurface soil impacts were observed at each of the boring locations. Viscous coal tar was observed at SB17 between 7 feet and 20 feet bgs. Heavy hydrocarbon-like sheen was observed at SB37 and SB40 at depths of 6 to 14 feet bgs. Non-viscous NAPL was observed at SB37 and SB40 at deeper depths intervals.

4.4.5 Tar well A

One test pit, and one boring were advanced in the footprint of Tar Well A. A flat concrete structure was observed at test pit TP5 at 3 to 5 ft bgs. Soil boring SB24 was advanced through the concrete structure. Visible evidence of MGP residuals was not observed in the footprint of the structure; however, deeper soil samples indicated the presence of coal tar NAPL in the area to the north of the former tar well (SB4 and SB39).

4.4.6 Tar Well B

One test pit was excavated in the footprint of Tar Well B. Two borings and two monitoring wells were installed just to the north of the tar well. No structures were identified in the test pit or borings in this area. At boring SB19 hardened coal tar was observed at 7.5-9 feet bgs. Less viscous NAPL was observed in this boring between 12 and 16 feet bgs. Non-viscous NAPL was observed at boring SB44 at 38.5-40 feet bgs. Well MW8 has been observed to accumulate coal tar NAPL in the well sump.

4.4.7 MGP building

The MGP Process Building is located in the central portion of the site and contained a Meter Room, a “Dynamos” Room, Retorts, a Coal Storage Area, a Pipe Shop, a Pump House, an Office, and a Cable Storage Area. Nine borings were advanced in the footprint of these former structures as shown on Figure 3-1. Foundations were observed in this area; however, coal tar or coal tar NAPL was not observed to be present in the foundations. Deeper subsurface soil impacts were observed in the footprint of the MGP Building at SB16, SB27, SB33 and SB34.

4.4.8 Coke house

A Coke House was located to the north of the MGP process area (Figure 3-1). A foundation for the house was not encountered at SB47. Deeper soil impacts were observed in the borings advanced in this area (SB47 and CTM15).

4.4.9 Gasoline Pump House and Tank

A Gasoline Pump House and Tank was located in the northern area of the site, in the footprint of Clinton Street. A trace amount of hydrocarbon staining was observed near the elevation of the water table at MW9 which was installed at a location adjacent to the pump house to the west.

4.4.10 NAPL bail-down summary

DNAPL was observed to accumulate in the sump for monitoring well MW8. Three draw-down tests were performed that consisted of removing the NAPL in the well sump with a peristaltic pump. The rate of recovery for each of the three tests is shown on Figure 4-9.

5.0 Analytical results

This section presents the results of the laboratory analyses performed during the RI. A discussion of the results of the analyses, and a comparison to applicable NYSDEC Standards, Criteria and Guidance (SCGs) values are grouped according to environmental media in the following sections.

To include the results of all the sampling that has been completed at the site in this report, the laboratory reports and summary spreadsheets for the previous investigations performed by Lightship Engineering and C.T. Male are included in Appendix B, and the results are summarized on the figures discussed in this section.

5.1 Analytical program

Subsurface soil, groundwater, and soil vapor samples were analyzed during the RI. Except where noted below, the soil and water samples were analyzed by Test America of Pittsburgh, Pennsylvania. Soil vapor samples were analyzed by ATL of Folsom, California.

5.1.1 Subsurface soil analyses

The subsurface soil samples were analyzed for the following parameters:

- Target Compound List (TCL) VOCs by U.S. EPA SW-846 Method 8260B;
- TCL SVOCs by U.S. EPA SW-846 Method 8270C;
- Target Analyte List (TAL) Metals by U.S EPA SW-846 Methods 6010B/7471A; and
- Total Cyanide by U.S. EPA SW-846 Method 9012A.

5.1.2 Groundwater analyses

The groundwater samples were analyzed for the following parameters:

- TCL VOCs by U.S. EPA SW-846 Method 8260B;
- TCL SVOCs by U.S. EPA SW-846 Method 8270C;
- TAL Metals by U.S. EPA SW-846 Methods 6010B/7471A; and
- Total Cyanide by U.S. EPA SW-846 Method 9012A.

5.1.3 Soil vapor sample analyses

The soil vapor samples were analyzed for the following parameters:

- VOCs by Modified U.S. EPA Compendium Method TO-15; and
- Helium by Modified ASTM Method D-1946.

5.1.4 Hazardous characteristics testing

Hazardous characteristics samples were analyzed for the following parameters:

- Toxicity Characteristic Leaching Procedure (TCLP) ZHE Extraction – U.S. EPA Method 1311;
- TCLP VOC – U.S. EPA Method 8260B;
- TCLP SVOC – U.S. EPA Method 8270C;

- TCLP ICP Metals – U.S. EPA Method 6010B (Mercury 7470A);
- Corrosivity – U.S. EPA SW-846 Chapter 7;
- Ignitability – U.S. EPA SW-846 Method 1010; and
- Reactive Sulfide – U.S. EPA SW-846 Chapter 7.

5.2 Quality assurance/quality control analyses

Field and laboratory quality control samples for the investigation were collected and analyzed to document the accuracy and precision of the samples. The quality assurance/quality control (QA/QC) samples included trip blanks, field duplicates, matrix spikes, and matrix spike duplicates. The data quality level for the investigation was Level IV and was consistent with procedures outlined in the NYSDEC Analytical Services Protocol (ASP) July 2005 methodologies.

5.3 Data validation

For quality control purposes, comprehensive data packages were produced by Test America for the soil and groundwater samples for validation by a qualified chemist. The results of the data validation are presented in a Data Usability Summary Reports (DUSR) prepared by Lightship and AECOM for each soil and water sample delivery group (SDG). The DUSRs for this project are included in Appendix B.

As part of the data review process, analytical results and data qualifiers were corrected where necessary to reflect quality control issues. The Form I Report Sheets in Appendix B, and the data summary spreadsheets discussed in this section, have been modified to reflect the findings of the data validation.

Organic compound data quality was evaluated by reviewing the following parameters: holding times, GC/MS tuning and performance, internal standards, initial and continuing calibrations, surrogate recoveries, matrix spike/matrix spike duplicate (MS/MSD) samples, MS/MSD relative percent differences (RPDs), laboratory control standards (LCSs), laboratory blanks, laboratory and field duplicates, compound identification, and compound quantitation. As a result of the review, all data were found to be useable with some qualifications.

Inorganic analyte data quality (metals and cyanide) was evaluated by reviewing the following parameters: holding times, matrix spikes, initial and continuing calibrations, contract required detection limit (CRDL) standard recoveries, laboratory control samples, ICP interference check sample results, ICP serial dilution results, laboratory and field duplicates, and laboratory blanks. All inorganic results were found to be useable with some qualification.

5.4 Subsurface soil results

A list of the subsurface soil samples collected from the test pits and soil borings, and the analyses performed for each sample are summarized in Table 3-1. The results of the subsurface soil samples are summarized in Table 5-1 (VOC results), Table 5-2 (SVOC results), and Table 5-3 (metal and cyanide results).

The subsurface soil results included in the tables are compared to the Soil Cleanup Objectives (SCOs) provided in the document entitled “NYSDEC Rules and Regulations, 6 NYCRR Subpart 375-6, Remedial Program Soil Cleanup Objectives,” dated December 14, 2006 [NYSDEC, 2006a]. Both the Restricted Residential Use and Commercial Use SCOs are included in the tables. Where a result is greater than the respective Subpart 375-6 Restricted Residential Use SCO, the result is shown with a bold font. If a result is greater than the respective Subpart 375-6 Commercial Use SCO, the result has been shaded on the tables.

The results of the subsurface soil sampling performed at the site are summarized on Figure 5-1. Included on the figure are the sample designations, the total benzene, toluene, ethyl benzene and xylenes (BTEX) concentrations, and the total polycyclic aromatic hydrocarbon (TPAH) concentrations.

As indicated in the RI Work Plan, the sampling rationale included the collection of one to two samples for laboratory analyses from each boring. In general, samples were collected from the most impacted intervals based on the PID screening and field observations (visual and olfactory) regarding the presence of MGP-related residuals. Note that only a few samples of NAPL-impacted soil were collected to characterize the NAPL. NAPL impacted soils are assumed to contain concentrations of compounds greater then Commercial Use Values and under NYSDEC policy, these materials pose a potential risk to groundwater and other receptors and therefore must be addressed. If impacts were not encountered, a sample was collected from the 1-foot interval immediately below the water table at several boring locations. Samples were also collected from depth intervals where impacts were encountered in other adjacent borings. In addition, samples were collected to document non-impacted conditions below or outside of known impacted areas. The intervals sampled at each boring location are shown on the borelogs in Appendix A and are summarized in Table 3-1.

5.4.1 MGP process area

Sixty-eight subsurface soil samples were collected from the borings and test pits advanced in the former MGP process area. Hydrocarbon impacts were not observed below 55 feet bgs as shown on the borelogs (Appendix A) and cross-sections (Figures 4-2, 4-3, 4-4, 4-5, and 4-6).

Total BTEX concentrations ranged from non-detect to 759.7 mg/Kg (SB44(38-40)). Only one sample (SB45(8-10)) contained BTEX compounds that were greater than the Commercial Use SCO values.

As shown on Table 5-2, PAH compounds were detected in 60 of the 68 subsurface samples collected from this portion of the site. Total PAH concentrations ranged from non-detect to 62,115 mg/Kg (SB45(8-10)). Twenty-four samples had one or more PAH compound detected above the Commercial Use SCO from within this portion of the site.

The deepest sample where PAHs were detected above the Commercial Use SCOs was sample SB44(38-40), located just north of Tar Well B. A deeper sample was collected from this location, SB44(52.5-55), with a total PAH concentration of 0.053 mg/Kg and no PAHs detected above the Commercial Use SCOs.

Several other SVOCs were detected in the samples from the borings on this portion of the site. Only one of these compounds, dibenzofuran, was detected at a concentration greater than the Commercial Use SCOs in one sample, SB45(8-10).

Several metals were detected in the subsurface soil samples from this portion of the site (Table 5-3). Only lead (1,220 mg/Kg for sample SB25(18-19.5)) and mercury (3.5 mg/Kg for sample SB45(8-10)) exceeded the Commercial Use SCO of 1,000 mg/Kg and 2.8 mg/Kg, respectively. All other metal detections were below the Commercial Use SCOs.

Total cyanide was detected in several of the subsurface soil samples collected from this portion of the site, at concentrations ranging from 0.13 mg/Kg to 429 mg/Kg. Four results exceeded the Commercial Use SCO of 27 mg/Kg (TP7S(7.5)(HORZ 0-10) at 110 mg/Kg, TP12(5)W(8-8.5) at 42.1 mg/Kg, SB41(15-17) at 35.3 mg/Kg, and SB45(8-10) at 429 mg/Kg).

5.4.2 Outside the MGP process area

To evaluate subsurface soil conditions at the perimeter of the Former MGP Process Area, 17 subsurface soil samples were collected from the borings and test pits advanced on this portion of the site. Coal tar or coal tar NAPL was not observed in any of the borings advanced around the perimeter of the MGP Process Area, as shown on the borelogs (Appendix A) and cross sections (Figures 4-2, 4-3, 4-4, 4-5, and 4-6).

Total BTEX concentrations for the samples collected in this area ranged from non-detect to 0.056 mg/Kg (SB13(37-39)). None of the samples contained BTEX compound results that were greater than the Commercial Use SCO values.

As shown on Table 5-2, PAH compounds were detected in 9 of the 17 subsurface samples collected from the perimeter of the Former Process Area. Total PAH concentrations ranged from non-detect to 1.75 mg/Kg (SB11(38-40)). None of the PAH compounds were detected above the Commercial Use SCO.

Several other SVOCs (butyl benzyl phthalate, 4-methylphenol, dimethyl phthalate, bis (2-ethylhexyl) phthalate, phenol, 1,1'-biphenyl, and dibenzofuran) were detected in the samples from the borings. None of these compounds was detected at a concentration greater than the Commercial Use SCOs.

Several metals were detected in the subsurface soil samples from this portion of the site (Table 5-3). Only arsenic, measured as 30.3 mg/Kg in sample SB53(25-26), exceeded the Commercial Use SCO of 16 mg/Kg. All other metal detections from the samples from the perimeter of the Former Process Area were below the Commercial Use SCOs.

Total cyanide was detected in four of the subsurface soil samples collected from this area, at concentrations ranging from 0.27 mg/Kg to 1.6 mg/Kg. None of the results exceeded the Commercial Use SCO of 27 mg/Kg.

5.5 Groundwater analytical results

The results of the groundwater samples collected during the RI are summarized in Table 5-4 (VOC results), Table 5-5 (SVOC results), and Table 5-6 (metals and total cyanide). The evaluation of the groundwater results in the following sections is based on a comparison to the guidance or standard values provided in the NYSDEC - Division of Water – Technical Operation Guidance Series (TOGS) (1.1.1) [NYSDEC, 1998, with addenda]. On the tables, where a result is greater than the method reporting limits, the result is shown with a bold font. Where a result is greater than the respective groundwater standard or guidance value concentration, the result is shaded on the tables.

The results of the groundwater sampling performed during the period between 2004 and 2008 are summarized on Figure 5-2. Included on the figure are the well locations; the dates sampled; and the BTEX, TPAH, and total cyanide concentrations. The inferred distribution of dissolved BTEX found during the sampling performed during the RI is shown in green on Figure 5-2. The inferred distribution of dissolved PAHs is shown in blue on the figure.

5.5.1 Shallow groundwater results

VOCs

BTEX compounds were detected in the samples from 4 of the 12 shallow wells. Total BTEX concentrations ranged from 1.6 ug/L (MW04) to 51,820 ug/L (MW08). One or more BTEX compounds were greater than the groundwater standard values in three of the 12 wells. As shown on Figure 5-2, the greatest BTEX concentrations were detected down-gradient of the former MGP process area and are non-detect at up-gradient locations.

The limits of the BTEX-impacted groundwater are defined by the non-detect results to the east and southeast at wells MW10, MW02, MW06, and MW05. At down-gradient well MW08, the total BTEX concentration was 51,820 ug/L with concentrations of benzene (39,000 ug/L), ethylbenzene (220 J ug/L), toluene (9,700 ug/L), and xylenes (2,900 ug/L) detected in a concentrations greater than the groundwater standard values. Well CTM15, located between the Coke House and Gas Holder B, contained benzene (86 ug/L), ethylbenzene (19 ug/L), and xylenes (19 ug/L) above the groundwater standard values whereas well MW04, located on the northern perimeter of Gas Holder B, contained benzene at a concentration of 1.6 ug/L, slightly greater than the groundwater standard value of 1 ug/L.

As shown on Figure 5-2, the limit of the BTEX-impacted groundwater was not determined to the west. The area to the west of the site will be investigated further as OU2.

Five of the 12 shallow wells had at least one other VOC detected in 2008; however, all of these detections were below the groundwater standard or guidance values, except for styrene in well MW08.

SVOCs

PAH compounds were detected above the method reporting limits in 8 of the 12 shallow wells in 2008. Total PAH concentrations ranged from 1.2 ug/L (MW04) to 8,008 ug/L (MW08). PAHs were greater than the groundwater standard or guidance values in 3 of the 12 shallow wells. Figure 5-2 shows the distribution of total PAHs.

Similar to the BTEX results, the greatest concentrations of PAH results were detected in the former MGP process area or at locations down-gradient from this area. Similar to the BTEX detections, PAHs were not detected at up-gradient wells MW10, MW02, MW06, and MW05.

Four of the 12 wells had at least one other SVOC detected in 2008; however, all of these detections were below the groundwater standard or guidance values except for 2,4-dimethylphenol and phenol in well MW08.

Metals

The majority of the samples from the shallow wells contained iron, magnesium, manganese, and sodium in concentrations greater than the groundwater standard values for these compounds. These metals are commonly found to be elevated in groundwater throughout New York State and the concentrations detected likely reflect ambient conditions.

Well MW03, located down-gradient of Gas Holders A and C, contained selenium above the groundwater standard concentration. Well MW05, located south of the SMHA Golub Community Center Building, contained arsenic (34.3 ug/L) above the groundwater standard concentration of 25 ug/L. Well MW06, located east of Gas Holder A, contained lead (31.7 ug/L) above the groundwater standard concentration of 25 ug/L.

Total cyanide

Total cyanide was detected in 10 of the 12 shallow wells sampled during the RI in 2008. Only one sample exceeded the groundwater standard of 200 ug/L (CTM15 at 226 ug/L).

5.5.2 Deep overburden groundwater results

VOCs

BTEX compounds were detected in all five of the samples from the deep overburden wells. Total BTEX concentrations ranged from 5.67 ug/L (MW15D) to 11,000 ug/L (MW1D). One or more BTEX compounds were greater than the groundwater standards in all 5 of the wells. As shown on Figure 5-2, the deep overburden wells are located along the western perimeter of the site.

Four of the 5 deep wells had at least one other VOC detected; however, all of these detections were below the groundwater standard or guidance values except for isopropylbenzene and styrene in well MW7D, and isopropylbenzene in wells MW8D and MW11D.

SVOCs

PAH compounds were detected above the method reporting limits in all 5 of the deep overburden wells. Total PAH concentrations ranged from 3.83 ug/L (MW15D) to 10,755 ug/L (MW8). PAHs were greater than the groundwater standard or guidance values in 4 of the 5 shallow wells. Figure 5-2 shows the distribution of total PAHs.

Four of the 5 wells had at least one other SVOC detected; however, all of these detections were below the groundwater standard or guidance values except for phenol in well MW1D and 1,1'-biphenyl in wells MW7D, MW8D, and MW11D.

Metals

The majority of the samples from the deep overburden wells contained iron, magnesium, manganese, and sodium in concentrations greater than the groundwater standard values for these compounds. These metals are commonly found to be elevated in groundwater throughout New York State and the concentrations detected likely reflect ambient conditions. No other metals were detected above their groundwater standard concentrations in the deep wells.

Total cyanide

Total cyanide was detected in all five of the deep wells. None of these wells contained total cyanide above the groundwater standard of 200 ug/L.

5.5.3 Soil vapor results

The soil vapor results are tabulated, along with several other comparison values, on Table 5-7. The analytes are segregated into two categories: the first group contains compounds that may be associated with MGP sources; and the second group includes compounds which are not related to MGP sources. The first group contains compounds such as naphthalene, benzene, ethylbenzene, toluene, and xylenes, which are common components of numerous products, including gasoline, diesel, asphalt, automotive additives, paints, inks, adhesives, and solvents. Other compounds in this group, namely indan, indene, and thiophene are potentially MGP-related, and are much less common in other sources. Detections of these compounds are frequently associated with MGP sources.

The second group contains compounds such as alcohols and chlorinated solvents which are not associated with MGP impacts. Sources of these compounds include cleaning products, deodorizers, personal care products, dry cleaning fluids, degreasers, and other solvents.

The New York State guidance document states that New York does not have any Standards, Criteria or Guidance values for concentrations of VOCs in subsurface vapors. Additionally, there currently are no databases available of background levels of VOCs in soil vapor. Therefore, the soil vapor results were reviewed in conjunction with other environmental sampling performed at the site and the site conceptual model. To put some perspective on the data, and as a very conservative approach, the soil vapor results were converted to attenuated values. These values were then compared to ambient air sample results, to published indoor air background values, and to health-based screening levels. Background levels for residential and commercial indoor air as well as the OSWER Target Concentrations are provided on Table 5-7.

Health-based screening levels were taken from U.S. EPA OSWER Target Concentrations, which are available only for benzene, ethylbenzene, naphthalene, toluene, and xylenes. Target Concentrations for cancer risk of 10^{-5} were used to represent residential health risk screening levels.

Soil vapor results were attenuated to estimate worst-case indoor air concentrations resulting from vapor intrusion for comparison to OSWER Target Concentrations. The attenuation assumes that the resulting indoor air concentrations are equal to or less than the one-tenth of the soil vapor concentrations. Indoor air concentrations attributable to vapor intrusion are often lower, by orders of magnitude, than soil vapor concentrations due to the attenuation caused by the slab and due to the dilution of the compound into a large volume of indoor air. U.S. EPA guidance recommends an attenuation factor of 0.1 be used to conservatively screen shallow soil vapor concentrations (attenuation factor = indoor air concentration / soil vapor concentration, ((U.S. EPA, 2002)). Actual attenuation factors have been found to be as low as 10^{-5}. As shown on Table 5-7, the attenuation factor of 0.1 has been used to screen soil vapor data.

Two sets of published background data were used to screen the results: the NYSDOH's database of typical background indoor air concentrations in residences from the "Study of Volatile Organic Chemicals (VOCs) in the Air of Fuel Heated Homes in New York State, 1997-2003," updated in November 14, 2005 [NYSDOH,

2006]; and the U.S. EPA BASE Data base for Indoor Air in Typical Commercial Buildings (NYSDOH Guidance Document, Table C2).

Sub-slab soil vapor

The two sub-slab soil vapor samples, SV5 and SV6, which were collected from below the concrete floor of the basement of the SMHA building, both contained ethylbenzene and xylenes (differentiated as meta/para-xylenes, and ortho-xylenes) at attenuated concentrations above the 90th percentile of background indoor air values. Sample SV5 also contained naphthalene at attenuated concentrations above the background value. Sample SV5 contained naphthalene at a concentration of 140 ug/m^3, (attenuated to 14 ug/m^3), whereas sample SV6 did not contain detectable naphthalene. Sample SV6 also contained chloroform at attenuated concentrations above the background indoor air values, whereas sample SV5 contained only low concentrations, within the range of background indoor air. Benzene was not detected in the sub-slab samples, but was detected at low concentrations in the ambient air sample. Acetone was detected in the soil vapor samples and in the ambient sample at similar concentrations. Neither of the samples contained indan, indene, or thiophene. Neither of the samples contained MTBE or 2,2,4-trimethylpentane (iso-octane).

The ambient air sample contained VOCs at low concentrations, within the range of background indoor air values. The results of the helium analyses were within the acceptable range indicated by the NYSDOH Guidance Document, thus confirming that a competent seal was obtained during the sampling.

In comparison to health-based screening levels, the conservative attenuated soil vapor concentration of 14 ug/m^3 for naphthalene at SV05 exceeded the EPA OSWER Target Concentration for residences of 3 ug/m^3. However, the typical background concentration for naphthalene of 5.1 ug/m^3 also exceeds the OSWER Target Concentration. The attenuated concentrations for benzene, ethylbenzene, toluene, and xylenes did not exceed the OSWER Target Concentrations for residences.

The presence of ethylbenzene, xylenes, and naphthalene, together with the absence of the MGP indicator compounds such as indan and indene, suggests that the source of the VOCs in these soil vapor samples is non-MGP petroleum fuels. Weathered gasoline can contain ethylbenzene and xylene, and heating oil can contain naphthalene. The samples were collected approximately 30 feet from a loading dock area. The heavy use of truck and cars at the loading dock has very likely impacted the soil vapor quality in this area. During the work on site, the former building supervisor reported that an underground heating oil storage tank had been removed from the area during the construction of the building. The residuals of the heating oil may have also impacted the soil vapor quality and may be a source of the VOCs in the soil vapor samples collected near the building.

The three soil vapor samples collected in August 2008 showed detections of benzene, ethylbenzene, and m/p-xylenes. SV08 was collected north of the Gas Holder B foundation, and SV09 was collected northeast of the former MGP process area. Benzene was detected in SV08 and SV09 at attenuated concentrations greater than the OSWER Target Concentration of 3.1 ug/m^3. However, the typical background concentration of benzene, 9.4 ug/m^3, also exceeds the OSWER Target Concentration. The attenuated concentration of ethylbenzene in SV08 of 5.8 ug/m^3, slightly exceeded the typical background concentration of 5.7 ug/m^3. Both SV08 and SV09 attenuated concentrations of m/p-xylenes exceeded the typical background concentration. Naphthalene was not detected in any of the soil vapor samples. None of the August 2008 samples contained MTBE, indan, indene, or thiophene.

The November 2006 results are included in Table 5-7. The source of the ethylbenzene, toluene, and xylenes in the SV05 and SV06 samples is not clearly apparent. The source does not appear to be residual impacts from the former MGP operations, because the typical indicator compounds (indan, indene, and thiophenes) were not present, and naphthalene was not consistently detected in both samples. Naphthalene can be associated with MGP tar and also many other products. The source of these hydrocarbons in the November 2006 samples may have been weathered gasoline or diesel fuel, but does not appear to be recently released gasoline, as MTBE was not detected.

5.5.4 Hazardous characteristics testing

Two samples were submitted for hazardous characteristics testing, including SB15(25-27) and SB17(10.5-11.5). These samples were chosen because they represented the most visibly impacted materials encountered during the RI. Results of the analyses are presented in Table 5-8. Sample SB17(10.5-11.5) contained TCLP benzene at a concentration greater than the regulatory criteria.

6.0 Qualitative human health exposure assessment

This section provides an assessment of the potential for human exposure to contaminants present in impacted soils and groundwater. This assessment identifies the potential release and transport mechanisms for the chemicals of concern (COC), point of exposure and exposure routes, and the receptors that could be at risk. The evaluation follows guidelines specified in the "NYSDEC DER-10 *Draft Technical Guidance for Site Investigation and Remediation*" [NYSDEC, 2002]. Because this site is located in an urban setting, the potential for exposure for ecological receptors was not evaluated.

6.1 Site setting

The RI has focused on the area known as OU1 including the former MGP process area and the off-site areas adjacent to, and/or hydraulically down-gradient of the site. The OU1 area is mostly comprised of property owned by the SMHA, Clinton Street, and a portion of the northern area which is owned by the Schenectady Urban Renewal Authority. The potential for residents and others to be exposed is discussed in the following sections.

6.1.1 On-site Area

The On-site Area is comprised of the SMHA Golub Community Center Building, an apartment building, parking lots, and some grassy or landscaped areas. This area includes the area formerly used for MGP process operations. Since the property is residential and is the location of apartment buildings, the general public has regular access to the On-site Area at all times.

6.1.2 Off-site Areas

The assessment of potential exposure to residents and workers in off-site areas is discussed using the following designations:

- **Northern Residential Area** – Residential properties to the north of the site with Hamilton Street located beyond this area.
- **312 Broadway Avenue** – Owned by the City of Schenectady, this property contains a parking lot that is located across Broadway Ave to the northwest of the site. The City is considering the redevelopment of this property.
- **Schenectady Municipal Housing Authority Park** – Located to the northeast of the site, consists of a grassy/landscaped park with a pavilion in the northeastern area of the park.
- **Millard Street** – Located to the south of the site with additional SMHA land beyond.
- **Broadway Avenue** – Runs along western perimeter of site with several commercial properties (318, 330, 336, and 340 Broadway Avenue) beyond.

6.2 Exposure assessment

Exposure is the process by which humans come into contact with chemicals in their environment. Humans can be exposed to chemicals in a variety of environmental media including surface soil, subsurface soil, groundwater, and air. Exposure to these media can occur through several routes including ingestion, dermal contact, and inhalation. The exposure assessment identifies pathways by which humans are potentially exposed to constituents of concern. The assessment includes the following:

- Development of a conceptual site model;
- Discussion of potential sources;

- Discussion of potential release mechanisms; and
- Identification of potential human receptors and receptor-specific exposure pathways.

Although the potential for exposure to MGP residuals for the site includes an evaluation of the potential for exposure to COCs via drinking impacted site groundwater, according to information provided by the City of Schenectady, all residential and commercial property in the City obtains drinking water from municipal sources. Other than an evaluation of potential incidental ingestion of impacted groundwater during subsurface construction activities, this pathway is not further discussed in this exposure assessment. The management of groundwater impacted by site-related residuals will be addressed in the FS.

6.2.1 Conceptual site model

Figure 6-1 presents the conceptual model for the RI study area. Included on the figure is information regarding the known or potential sources of constituents of interest, the identified release mechanisms, and the affected source media. The potential migration pathways, the exposure media, and the potential exposure routes are identified. Note that the exposure routes are considered potential unless there is an ongoing or documented exposure. Information regarding the potential receptors identified in the area of interest is presented on Table 6-1 (potential on-site receptors).

6.2.2 Potential sources

The sources of environmental impact for the Schenectady MGP site are residual materials associated with MGP-related structures and materials. Hydrocarbon materials, including coal tar and coal tar NAPL, have been observed in subsurface soil and groundwater adjacent to the former MGP structures at the site. Volatile and semi-volatile compounds in these materials have leached to groundwater and these constituents have migrated to down-gradient locations. NAPL has also been observed to accumulate in wells adjacent to a former tar well in the western area of OU1. The dissolved groundwater plume roughly corresponds to the footprint of the former MGP process area and appears to extend beneath the northeast portion of the SMHA building. The lower molecular weight hydrocarbons may also volatilize and migrate into ambient air where subsurface soil and groundwater are impacted by MGP residuals.

6.2.3 Potential release mechanisms

As shown on Table 6-1 there are several potential release mechanisms by which the constituents identified in the soil and groundwater may be transported to other media. Each mechanism is considered for the identified media and potential receptor group. Potential release mechanisms for soil include the following:

- **Fugitive Dust**. Constituents in surface and subsurface soil could be a potential source for fugitive dust via physical disturbance.
- **Volatilization**. Volatile constituents may potentially be transported from subsurface soil by volatilizing into soil-pore space and eventually emanate into ambient or indoor air.
- **Leaching**. Constituents in surface or subsurface soil could potentially leach to groundwater.

There are three mechanisms by which constituents in groundwater can be transported to other media. These migration pathways include the following:

- **Adsorption**. Constituents in groundwater may be sorbed onto subsurface soils.
- **Volatilization to Ambient Air**. Volatile constituents in groundwater may potentially desorb into soil gas and be transported into ambient or indoor air.
- **Extraction**. Constituents in groundwater may migrate to other media by extraction and use of impacted groundwater.

Each of these potential release mechanisms is evaluated for each potential receptor group on Table 6-1.

6.2.4 Potential human receptors and exposure pathways

This section discusses the identified potential receptors and the potential that the receptor may be exposed to site-related residuals.

6.2.4.1 On-site area receptors

An assessment of potential exposure pathways for receptors in the On-site Area is presented in Table 6-1. The analysis includes an identification of each potential receptor group, a listing of each potential exposure media and potential pathway, and a rationale for inclusion or exclusion of each potential receptor in the consideration of remedial actions for the FS. Potential receptor groups and potential exposure pathways that may exist for the site are discussed below.

On-site residents

Surface soil sampling was not performed because of numerous episodes of redevelopment which have involved the re-grading of the ground surface and the installation of parking lots, buildings, and modern landscaped areas. Though there are known areas of subsurface impacts, it is unlikely that any residents of the SMHA apartment building would come into contact with impacted groundwater or subsurface soils. Soil vapor sample results from the SMHA Buildings building did not indicate elevated concentrations of possibly MGP-related volatile organic compounds. Therefore, the potential for exposure to residents is considered low.

On-site workers

On-site Workers are those who are employed by the SMHA as assistants to the residents and office staff. Due to the nature of their work, it is unlikely that on-site workers would come into contact with subsurface soils or groundwater. Therefore, the potential for exposure to on-site workers is considered low. These workers also spend little or no time in the basement of the building, therefore, they have very low potential for exposure to soil vapor.

On-site outdoor maintenance workers

Outdoor Maintenance Workers may potentially be exposed to constituents in surface soil via direct contact pathways (i.e., incidental ingestion, dermal contact, and inhalation of volatiles or particulates) while performing light maintenance activities such as lawn care. Since surface soil impacts are not expected, the soil is covered with grass or pavement, and the period of time that they would be present in impacted areas is minimal, the potential for exposure is considered to be low. Exposure to constituents in subsurface soil is possible if these workers perform maintenance activities which require excavation.

On-site outdoor subsurface utility workers

Outdoor Subsurface Utility Workers may potentially be exposed to MGP-related residuals in subsurface soil and groundwater via incidental ingestion, dermal contact, and inhalation of volatiles or particulates if subsurface excavation work is needed to repair or replace underground gas lines or other utilities or equipment at the site. Impacted subsurface soil, groundwater and coal tar NAPL are known to be present in the central portion of the site. Only properly trained field personnel should perform the subsurface utility work in this area using methods specified in a site-specific health and safety plan (HASP) until the area has been cleared of impacted materials.

Site visitors

Site Visitors may potentially contact surface soil in the grassy or landscaped areas, or inhale indoor air while at the site. Since the surface soil is covered with grass or paving, and the soil vapor in the SMHA Building is not adversely impacted by MGP-related COC, the potential for exposure is considered to be low.

6.2.4.2 Off-site receptors

Potential receptor groups and potential exposure pathways for the areas adjacent to OU1 are discussed below.

Northern residential area

The Northern Residential Area consists of residential properties to the north of the site beyond Hamilton Street. Because this area is hydraulically up-gradient of the MGP process area and soil samples between the process area and this area had minimal impacts, it is not expected that MGP related impacts are present in the Northern Residential Area. The potential for exposure is considered low.

312 Broadway Avenue

This area includes the parking lot that is located across Broadway Avenue to the northwest of the site and is owned by the City of Schenectady. The property is the subject of an Environmental Restoration Project (ERP) being performed by the Schenectady County Metroplex Development Authority. RI sampling has been performed in this area, and additional sampling will be performed during OU2 to assess the presence of MGP-related COC at this location. Potential exposure pathways for this property will be assessed following the additional investigation activities and summarized in the OU2 RI Report. Note that this property is fully paved, therefore; the potential for uncontrolled use or exposure under current conditions is low.

Schenectady Municipal Housing Authority Park

This area is located to the northeast of the site and consists of a grassy/landscaped park with a pavilion in the northeastern portion of the park. The SMHA Park is hydraulically up-gradient of the MGP process area and is not expected to have been impacted by MGP residuals based on borings and wells installed between this area and the former MGP process area. The potential for exposure to MGP related residuals in this area is considered to be low.

Millard Street

Millard Street is located to the south of the site. Just beyond Millard Street, additional Municipal Housing Authority land exists which consists of apartment buildings. Because subsurface soil and groundwater samples taken at the southern perimeter of the site showed minimal concentration, it appears unlikely that MGP-related residuals have migrated from the MGP process area past Millard Street. Therefore the potential for exposure to MGP related COC in this area is considered to be low. Additional information regarding the potential impacts in this area will be obtained during the investigation of OU2.

Broadway Avenue

Broadway Avenue runs along the western perimeter of OU1 and is down-gradient of the MGP process area. There are several commercial properties (318, 330, 336, and 340 Broadway Avenue) located beyond Broadway further to the west. MGP-related residuals have been observed in borings installed along the western edge of Broadway Avenue and additional sampling will be performed during the OU2 investigation to assess the horizontal and vertical extent of the residuals in this area. The potential for exposure in this area will be further assessed during the OU2 investigation and discussed in the OU2 RI Report.

6.3 Conclusions

Residents, workers and visitors to OU1 of the site are unlikely to contact soil vapor, soil or groundwater impacted with MGP-related residuals and the potential for exposure for these possible receptor groups is considered to be low.

For a Subsurface Utility or Construction Worker who may perform excavation work on OU1, the worker may potentially be exposed to coal tar or coal tar NAPL, impacted soil, soil vapor, and/or groundwater. Therefore,

subsurface work should only be performed by properly trained personnel, using methods specified in a HASP, or only after the area has been cleared of impacted media.

For the off-site areas consisting of Broadway Avenue, and the two city blocks beyond, potential receptors may be exposed to MGP related COC in these areas based on borings and wells installed in these areas. The horizontal and vertical extent of the MGP-related residuals will be further assessed during the OU2 investigation and the potential for an exposure in these areas will be discussed in the OU2 RI Report.

The areas hydraulically and topographically up-gradient and cross-gradient of the former MGP site are not impacted by COC, therefore, there is low risk of exposure to the receptors in these areas.

7.0 Summary and conclusions

This section summarizes the findings of the investigation of the Schenectady Clinton Street former MGP site. An overview of the nature and extent of COC is presented by area of concern and by media, and known and potential source areas are identified.

7.1 Site geology

- Historic fill material covers the majority of the site. The fill consists primarily of sand with varying amounts of silt, coal fragments, cobbles and boulders, brick and concrete fragments, clinker-like material, ash, and coke fragments.
- Underlying the fill is a thick layer of alluvium comprised of silty sand and sand. A thin peat layer was observed within the alluvium in the southwestern portion of the site.
- Beneath the alluvium is a glacial till unit which is found at depths of 85 to 97 feet below the ground surface of the site. The till is comprised of dense, dry clayey silt with varying amounts of gravel.

7.2 Site hydrogeology

- Storm water runoff is towards Clinton Street and Broadway Avenue, following the slope of the ground surface.
- The fill and the alluvium deposits comprise an unconfined aquifer.
- Groundwater is found at depths which ranged from approximately 7 to 10 feet bgs across the former MGP process area.
- Groundwater flow in both the shallow and deeper portions of the aquifer is from the east to the west across the site.
- Groundwater is not used for drinking water in the immediate vicinity of the site. Drinking water for the City of Schenectady is provided by municipal sources.

7.3 Potential source areas

Several subsurface MGP features are still present in the subsurface at the site.

- The original 30-foot diameter gas holder foundation is located in the southern area of the site (Gas Holder A). Visible evidence of MGP-related residuals was not observed inside the holder foundation.
- A 60-foot diameter gas holder foundation (Gas Holder B) is present in the north area of the site. Hydrocarbon-like staining was observed in soil in the foundation; however, coal tar was not observed within the holder foundation.
- A 45-foot diameter gas holder foundation (Gas Holder C) was identified in the southern area of the site. The footprint of this holder partially overlapped the footprint of Gas Holder A. Impacted subsurface soil was observed in the western edge of or just outside of the foundation wall. MGP-related residuals were not observed in the eastern portion of the holder.
- Two tar wells (Tar Well A and Tar Well B) located to the north of the MGP Process Building adjacent to Broadway Avenue. No visible evidence of MGP residuals was observed in the footprint of Tar Well A though coal tar was observed in soil in the area to the north of this tar well. Hardened coal tar and NAPL were observed in the area of Tar Well B.

- The MGP Process Building foundation is located in the central portion of the site. Coal tar or coal tar NAPL was not observed in the foundations of this building. However, deeper subsurface soil impacts were found in the footprint of this building.
- A Coke House located to the north of the MGP process area. A foundation for the feature was not identified in this area. Deeper subsurface soil impacts were observed in this area.
- A Gasoline Pump House and Tank were located in the northern area of the site, in the footprint of Clinton Street. A foundation for this feature was not identified in this area. A trace amount of hydrocarbon staining was observed near the elevation of the water table in a well adjacent to the western side of the pump house.

7.4 Nature and extent of constituents of concern

Three media were investigated at the site, including subsurface soil, groundwater, and soil vapor. Test trenches and soil borings were completed in, and around MGP features to determine the presence of structures and the condition of subsurface soil, and in locations outside of the MGP to determine the extent of impacts. Conclusions for each media are summarized below.

7.4.1 Subsurface soil

Coal tar-impacted subsurface soil with VOC and PAH concentrations greater than Commercial Use SCOs is present in the MGP process area. Based on the borings completed during the RI it does not appear that the coal tar NAPL has migrated below approximately 55 feet bgs. The horizontal extent of the MGP-related impacts has been determined by borings completed around the perimeter of the Former MGP Process Area, and the area of impact roughly corresponds to the foot print of the former MGP Process Area.

7.4.2 Groundwater

The highest concentrations of MGP-related COC in groundwater were detected in and down-gradient of the former MGP process area. Wells MW10, MW02, MW06, and MW05 at the eastern and southeastern perimeter of the site were not impacted, therefore, the horizontal extent of the MGP-related COCs in groundwater has been determined except in the down-gradient (OU2) portion of the site. Total cyanide was only detected in one well on the site in concentrations greater than the groundwater standard value.

7.4.3 Soil Vapor

Soil vapor and ambient air samples were collected to evaluate the potential for intrusion of COCs into nearby buildings. The soil vapor results indicate that non-MGP petroleum products are the most likely sources of the VOCs found in the soil vapor samples. Evidence of MGP-related soil vapor impacts that would provide a potential for MGP-related vapor intrusion into the building was not identified.

7.5 Human health exposure assessment

A qualitative human health exposure assessment was performed for the site and off-site areas characterized by the investigation. The assessment identified several potential pathways that could result in an exposure to impacted media at the site.

Residents, workers and visitors to the SMHA property are unlikely to contact soil vapor, soil or groundwater impacted with MGP-related residuals and the potential for exposure for these possible receptor groups is considered to be low.

For a Subsurface Utility or Construction Worker who may perform excavation work on the site, the worker may potentially be exposed to coal tar or coal tar NAPL, impacted soil, soil vapor, and/or groundwater. Therefore, subsurface work should only be performed by properly trained personnel, using methods specified in a HASP, or only after the area has been cleared of impacted media.

For the off-site areas consisting of Broadway Avenue, and the two city blocks beyond, potential receptors may be exposed to MGP related COC in these areas based on borings and wells installed in these areas. The horizontal and vertical extent of the MGP related residuals will be further assessed during the OU2 investigation and the potential for an exposure in these areas will be discussed in the OU2 RI Report.

Off-site receptors in all other areas are outside of the zone of MGP impact, therefore, these receptors are not expected to be at risk of exposure.

8.0 Recommendations

8.1 Operable Unit 2

The off-site area which is impacted by MGP residuals will continue to be investigated as OU2. The work plan for the OU2 RI has been approved by NYSDEC, and the fieldwork for the OU2 RI will be performed in the second half of 2009. This division of the onsite former MGP area from the offsite area of impact will allow the FS for OU1 to be performed while the OU2 RI is underway.

8.2 Interim remedial measures

Interim Remedial Measures (IRMs) are warranted when existing site conditions pose an immediate threat to human health or the environment. Such conditions often come about due to on-going releases of constituents to surface water, groundwater, or soil vapor, or where exposure pathways allow the receptors to come into contact with the impacted media. Conditions that would warrant an IRM were not observed during the RI. MGP-related residuals are covered by grass, buildings, and pavement, and therefore do not pose an immediate risk to receptors as the residuals are isolated from human contact. Groundwater in the vicinity of the site is not used for drinking water.

8.3 Feasibility study

With the observations and data presented in this report, an evaluation of conditions on OU1 of the site has been performed fulfilling the specifications of the Order on Consent. Following approval of this report by the NYSDEC, an FS which presents an evaluation of remedial options will be prepared to identify methods that may be used to remediate the impacted media. The evaluation will review potential remedial actions and will address surface and subsurface soil, groundwater, and soil vapor.

9.0 References

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Appendix A

Test Pit, Soil Boring, and Well Construction Logs

Appendix B

Chain-of-custody Records, Laboratory Form I Report Sheets and Data Usability Summary Report (CD-ROM)

Appendix C

NYSDEC Analytical Services Protocol (ASP) Category B Laboratory Data Package (CD-ROM)

Tables

Table 2-1
Historical Information Summary
Schenectady Clinton Street MGP Site

Year	Source of Information	Comments
1851-1852	Foster Wheeler Report	Gas production began at the site during this period. The Gas Works was built by Robert Clements and John Eaton.
1880	Atlas of Schenectady	Atlas depicts the Site with two main buildings, the hexagonal office, and a gasometer.
1884	Sanborn Fire Insurance Map	The MGP is labeled "City Gas Works". Two main buildings are present at the Site. A central building includes a repair shop, purifiers, lime room, and meter room. West of the central building, a second building houses retorts, dynamos, a compressor, and a lamp room. Just northeast of the western building is a tar well with a cited capacity of 100 barrels. South of the west building is a coal storage building. A small gasometer (approximate 30-foot diameter) is depicted east of the coal storage building at the southern margin of the facility (historic evidence suggests that this was the original holder constructed about 1851/1852). A hexagonal structure located approximately half way between the two main buildings is labeled "office".
1866	Atlas of Albany and Schenectady Counties	Atlas depicts the gas works (consisting of an unlabeled gasometer, the hexagonal office building, and other structures) bounded by South Centre St., Hamilton St., Lafayette St., and Oothout Street.
1889	Sanborn Fire Insurance Map	The MGP is labeled "Schenectady Electric Light and Gas Company". The features identified on the map are consistent with the 1884 Sanborn Map.
1900	Sanborn Fire Insurance Map	The MGP is labeled "City Gas Works". Sanborn map indicates that the gasometer at the south end of the property has been replaced by a larger gasometer with a scaled diameter of 55-feet. A coke house has been constructed along South Centre Street (Broadway) north of the two main buildings. The circular office building is now identified as a pump house. A rectangular shaped tar well is now shown along S. Centre Street.
1914	Atlas of Schenectady and Sanborn Fire Insurance Map	The MGP is labeled "Mohawk Gas Company". Map shows the coke house and large gasometer in the north part of the site have been removed. A small gasoline pump house containing a 250 gallon gasoline tank is located northeast of the former gasometer location. The central building is identified as offices. The west building has been expanded and appears to be used for storage, meter testing, and office space. The large gasometer at the south end of the property is now labeled as "Auto Ho.".
1930	Sanborn Fire Insurance Map	The footprints of the main buildings are essentially unchanged from the 1914 Sanborn Map. The former gasometer at the south end of the site property is now labeled as "Offices & Storage". A gasoline tank is located in the proximity of the former northern gasometer location.
1951	Sanborn Fire Insurance Map	Map shows the west building of the facility is now identified as "Fruit & Gro.". The central building is no longer present. Much of the former facility has become parking. The gasoline tank in the north former gasometer location is still depicted, but closer to Broadway. Historic records have indicated the original brick holder was used to store fruit during this time period.
1988	Sanborn Fire Insurance Map	Map shows no indication of the former facility. Clinton Avenue has been extended from the northeast between Hamilton and Broadway across the approximate former location of the north gasometer. The south gasometer had been dismantled in 1959 (Hart, 1984).
1989 and 1990	Sanborn Fire Insurance Maps	Maps do not show any changes from the 1988 map.
1992	Sanborn Fire Insurance Map	Map shows an apartment complex (The Schenectady Municipal Housing Authority) south of the former facility location has expanded northward. The northernmost corner of the expansion appears to overlie the location of the former western facility building.
1993, 1994 and 1995	Sanborn Fire Insurance Maps	Sanborn maps show site conditions unchanged from the 1992 Sanborn map.

Source:
Schenectady (Clinton Street) Non-owned Former MGP Site, Schenectady, New York,
[Foster Wheeler, 2003]
Sanborn Fire Insurance Maps

Table 3-1
RI Sample Summary and Rationale
Schenectedy Clinton Street MGP Site

Sample ID	Rationale	Completion Depth (feet bgs)	Laboratory Sample Depth (feet bgs)	No. of Samples	Laboratory Analyses
Test Pits					
TP1(04)	Characterize soil conditions adjacent to Gas Holder B.	10	8-10	1	BTEX PAHs Total CN
TP2(04)	Characterize soil conditions adjacent to Gas Holder B.	10	NS	0	NA
TP3(04)	Characterize soil conditions adjacent to purifiers.	8	NS	0	NA
TP4(04)	Characterize soil conditions adjacent to Gas Holder C.	10	8-10	1	BTEX PAHs Total CN
TP5(06)	Assess the presence of MGP residuals in subsurface soil in the area of Tar Well A.	5	NS	0	NA
TP6(06)	Assess the presence of MGP residuals in subsurface soil in the area of Tar Well B.	7	6.5-7	1	VOC SVOC Metals Total CN
TP7(06)	Assess the presence of MGP residuals and foundations in the area of Gas Holder B.	11	7-8	1	VOC SVOC Metals Total CN
TP8(06)	Assess the presence of MGP residuals and foundations in the area of Gas Holders A and C.	11	NS	0	NA
TP9(06)	Assess the presence of MGP residuals and foundations in the area of Gas Holders A and C.	3	NS	0	NA
TP10(08)	To assess the presence of a foundation in the former Purifier Building area. To assess the presence of MGP residuals in the foundation or surrounding soil.	3	Horizontal 29 Horizontal 31 8-8.5	2	VOC SVOC Metals Total CN
TP11(08)	To assess the presence of a foundation in the former Purifier Building area. To assess the presence of MGP residuals in the foundation or surrounding soil.	9	8-8.5	1	VOC SVOC Metals Total CN
TP12(08)	To assess the presence of a foundation in the former Gas Holder B area. To assess the presence of MGP residuals in the foundation or surrounding soil.	11	Horizontal 5 8-8.5 Horizontal 17 10.5-11	2	VOC SVOC Metals Total CN
Subsurface Soil Boings					
SB1(04)/MW1(04)	Characterize soil conditions adjacent to Gas Holder B.	17	5-7	1	BTEX PAHs Total CN
SB2(04)/MW2(04)	Characterize soil conditions east of the former MGP process area.	18	10-12	1	BTEX PAHs Total CN
SB3(04)	Characterize soil conditions at Gas Holder C.	32	10-12 26-28 30-32	3	BTEX PAHs Total CN
SB4(04)	Characterize soil conditions at Tar Well 4.	20	8-10 12-14	2	BTEX PAHs Total CN

Table 3-1
RI Sample Summary and Rationale
Schenectedy Clinton Street MGP Site

Sample ID	Rationale	Completion Depth (feet bgs)	Laboratory Sample Depth (feet bgs)	No. of Samples	Laboratory Analyses
Subsurface Soil Borings					
SB5(04)	Characterize soil conditions adjacent to Gas Holder B.	24	10-12 16-18 22-24	3	BTEX PAHs Total CN
SB6(04)/MW3(04)	Characterize soil conditions adjacent to Gas Holders A and C.	20	12-14 16-18 18-20	3	BTEX PAHs Total CN
SB7(04)	Characterize soil conditions at Gas Holders A and C.	20	14-16	1	BTEX PAHs Total CN
SB8(04)	Characterize soil conditions adjacent to Gas Holder B.	16	0-2 5-7 10-12	3	BTEX PAHs Total CN
SB9(04)/MW4(04)	Characterize soil conditions at to Gas Holder B.	13	NS	0	NA
SB10A(06)/MW5(06)	Characterize soil conditions southwest of Gas Holders A and C.	30	10-11.5 28-30	2	VOC SVOC Metals Total CN
SB10B(06)	Characterize soil conditions southwest of Gas Holders A and C.	18	NS	0	NA
SB11(06)	Characterize soil conditions at Gas Holders A and C.	40	20-22 38-40	2	VOC SVOC Metals Total CN
SB12(06)/MW6(06)	Characterize soil conditions in anticipated upgradient location.	40	25-26 38-40	2	VOC SVOC Metals Total CN
SB13(06)/MW7(06)	Characterize soil conditions west of the former MGP Process Area.	39	10-11 37-39	2	VOC SVOC Metals Total CN
SB14(06)	Characterize soil conditions north of Gas Holder C and delineate impacts observed at SB6(04).	50	15-17.5 38-40	2	VOC SVOC Metals Total CN
SB15(06)	Characterize soil conditions at the MGP Building/Process area.	35	34-35	1	VOC SVOC Metals Total CN
SB16(06)	Characterize soil conditions at the MGP Building/Retorts.	50	35-37 49-50	2	VOC SVOC Metals Total CN
SB17(06)	Characterize soil conditions at the Purifiers and delineate impacts observed at SB6 and SB8.	20	NS	0	VOC SVOC Metals Total CN
SB18(06)	Characterize soil conditions at Tar Wells A and B.	30	10-11 18.5-20	2	VOC SVOC Metals Total CN
SB19(06)/MW8(06)	Characterize soil conditions north of Tar Wells A and B.	25	23-24.5	1	VOC SVOC Metals Total CN

Table 3-1
RI Sample Summary and Rationale
Schenectedy Clinton Street MGP Site

Sample ID	Rationale	Completion Depth (feet bgs)	Laboratory Sample Depth (feet bgs)	No. of Samples	Laboratory Analyses
Subsurface Soil Borings					
SB20(06)	Delineate deeper soil zone near impacted areas at SB4, SB5, and SB8.	40	16.5-18 30-32.5 38.5-40	3	VOC SVOC Metals Total CN
SB21(06)/MW10(06)	Characterize soil conditions east of Gas Holder B.	30	9-10	1	VOC SVOC Metals Total CN
SB22(06)	Characterize deep soil conditions at Gas Holder B.	22	18-20	1	VOC SVOC Metals Total CN
SB23(06)/MW9(06)	Characterize soil conditions northeast of former Gas Holder B and in the area of the Gasoline Pump House.	30	6-7 10-13	2	VOC SVOC Metals Total CN
SB24(06)	To characterize soil conditions at Tar Well A.	30	13.5-14.5 20-21	2	VOC SVOC Metals Total CN
SB25(06)	Characterize soil conditions at Gas Holder B and in the area of the Gasoline Pump House.	20	18-19.5	1	VOC SVOC Metals Total CN
SB26(08)/MW11D(08)	To assess deeper soil conditions in an area to the southwest of the former MGP Building.	75	35-37.5	1	VOC SVOC Metals Total CN
SB27(08)	To assess the horizontal and vertical extent of residuals south of former Gas Holders A and C.	36	23-23.5 35-36	2	VOC SVOC Metals Total CN
SB28(08)/MW7D(08)	To assess deeper soil conditions to the southwest of the former MGP Building.	75	33.5-35 47.5-50	2	VOC SVOC Metals Total CN
SB31(08)	To assess deep soil conditions at the MGP Building area.	85	25-27.5 47.5-50	2	VOC SVOC Metals Total CN
SB32(08)	To assess deep soil conditions at the MGP Building area.	75	20-22.5 45-47.5	2	VOC SVOC Metals Total CN
SB33(08)	To assess deep soil conditions at the MGP Building area.	80	22.5-25 35-37.5	2	VOC SVOC Metals Total CN
SB34(08)	To assess deep soil conditions to the west of the MGP Building area.	75	32.5-35 42.5-45	2	VOC SVOC Metals Total CN
SB36(08)	To assess the horizontal and vertical extent of residuals obtainted at SB14, north of Gas Holder C.	102	10-12 17.5-20 32.5-35	3	VOC SVOC Metals Total CN
SB37(08)	To assess the horizontal and vertical extent of residuals observed at SB17, south of the Purifiers.	99	11-12 57.5-60	2	VOC SVOC Metals Total CN
SB38(08)	To assess deep soil conditions in the MGP Building area.	80	22.5-25 45-47.5	2	VOC SVOC Metals Total CN

Table 3-1
RI Sample Summary and Rationale
Schenectedy Clinton Street MGP Site

Sample ID	Rationale	Completion Depth (feet bgs)	Laboratory Sample Depth (feet bgs)	No. of Samples	Laboratory Analyses
Subsurface Soil Borings					
SB39(08)	To assess deep soil conditions north of the MGP Building area.	68	32.5-35 47.5-50	2	VOC SVOC Metals Total CN
SB40(08)	To assess the horizontal and vertical extent of impacted soil observed at SB17, in the Purifiers.	75	14-16 50-52	2	VOC SVOC Metals Total CN
SB41(08)	To assess the horizontal and vertical extent of impacted soil observed at SB17, east of the Purifiers.	70	15-17 20-22	2	VOC SVOC Metals Total CN
SB44(08)/MW8D(08)	To assess the horizontal and vertical extent of residuals observed at SB4 and SB19. To install a monitoring well to monitor deep groundwater conditions at this location.	75	38-40 52.5-55	2	VOC SVOC Metals Total CN
SB45(08)	To assess the horizontal and vertical extent of residuals observed at SB17 and SB20, north of Purifiers.	90	8-10 20-22	2	VOC SVOC Metals Total CN
SB46(08)	To assess deep soil conditions at a location south of the former Gas Holder B foundation.	90	8-10 74-76	2	VOC SVOC Metals Total CN
SB47(08)/MW15D(08)	To assess deep soil conditions at a location to the southwest of the former Gas Holder B foundation.	50	18-20.5 38-40	2	VOC SVOC Metals Total CN
SB49(08)	To assess deep soil conditions at a location to the west of the former Gas Holder B foundation.	78	8-10 22-24 28-30 72-74	4	VOC SVOC Metals Total CN
SB50(08)	To assess deep soil conditions within the footprint of the foundation for former Gas Holder B.	91	14.5-15 22-24 24-26 80-81	4	VOC SVOC Metals Total CN
SB51(08)/MW1D(08)	To assess deep soil conditions at a location to the northwest of the foundation for former Gas Holder B.	90	23.5-25.5	1	VOC SVOC Metals Total CN
SB52(08)	To assess the horizontal and vertical extent of residuals observed at SB6.	18	NS	0	VOC SVOC Metals Total CN
SB53(08)	To assess soil conditions at the former Gas Holder C foundation.	28	25-26	1	VOC SVOC Metals Total CN
SB54(08)	To delineate impacts observed at SB36(08), north of former Gas Holder C.	28	11-12	1	VOC SVOC Metals Total CN
SB55(08)	To assess the horizontal and vertical extent of residuals observed at SB37(08).	12	NS	0	VOC SVOC Metals Total CN
SB56(08)	To assess the horizontal and vertical extent of residuals observed at SB41(08).	28	11-12	1	VOC SVOC Metals Total CN
SB57(08)	To assess the horizontal and vertical extent of residuals observed at SB45(08).	28	11-12	1	VOC SVOC Metals Total CN
SB59(08)	To assess the horizontal and vertical extent of residuals observed at SB37(08).	24	15-16 23-24	2	VOC SVOC Metals Total CN

Table 3-1
RI Sample Summary and Rationale
Schenectedy Clinton Street MGP Site

Sample ID	Rationale	Screened Interval	Sump Interval	No. of Samples	Laboratory Analyses
Groundwater Samples					
MW1(04)	To assess shallow groundwater conditions adjacent to the foundation for former Gas Holder B.	6-16	NA	2	VOC SVOC Metals Total CN
MW1D(08)	To assess deep groundwater conditions adjacent to the foundation for former Gas Holder B.	23-33	33-35	1	VOC SVOC Metals Total CN
MW2(04)	To assess shallow groundwater conditions to the east of the former MGP Building.	8-18	NA	3	VOC SVOC Metals Total CN
MW3(04)	Characterize groundwater conditions adjacent to Gas Holder A and C	8-18	18-20	3	VOC SVOC Metals Total CN
MW4(04)	To assess shallow groundwater conditions within the foundation for former Gas Holder B.	3-13	NA	1	VOC SVOC Metals Total CN
MW5(06)	To assess groundwater conditions to the south of the Golub Building.	7-17	NA	2	VOC SVOC Metals Total CN
MW6(06)	To assess shallow upgradient groundwater conditions.	22-32	32-33	2	VOC SVOC Metals Total CN
MW7(06)	To assess shallow groundwater conditions to the west of the former MGP Building.	4-14	14-16	2	VOC SVOC Metals Total CN
MW7D(08)	To assess deep groundwater conditions to the west of the former MGP Building.	30-40	40-42	1	VOC SVOC Metals Total CN
MW8(06)	To assess shallow groundwater conditions near the former tar wells.	6-16	16-18	2	VOC SVOC Metals Total CN
MW8D(08)	To assess deep groundwater conditions near the former tar wells.	32-42	42-44	1	VOC SVOC Metals Total CN
MW9(06)	To assess shallow groundwater conditions in the area of the former Gasoline Pump House.	7.5-17.5	17.5-18.5	2	VOC SVOC Metals Total CN
MW10(06)	To assess shallow groundwater conditions to the east of foundation for former Gas Holder B.	6-16	16-18	2	VOC SVOC Metals Total CN
MW11D(08)	To assess deep groundwater conditions to the southwest of the former MGP Building.	32-42	42-44	1	VOC SVOC Metals Total CN
Sample ID	**Rationale**	**Screened Interval**	**Sump Interval**	**No. of Samples**	**Laboratory Analyses**
Groundwater Samples					
MW15D(08)	To assess deep groundwater conditions to the southwest of the former Gas Holder B foundation.	30-40	40-42	1	VOC SVOC Metals Total CN
CTM14	To assess shallow groundwater conditions to the north of the former Gas Holder B foundation.	4-14	NA	1	VOC SVOC Metals Total CN
CTM15	To assess shallow groundwater conditions to the southwest of the former Gas Holder B foundation.	4-14	NA	1	VOC SVOC Metals Total CN

Table 3-1
RI Sample Summary and Rationale
Schenectedy Clinton Street MGP Site

Sample ID	Rationale	Completion Depth (feet bgs)	Laboratory Sample Depth (feet bgs)	No. of Samples	Laboratory Analyses
Subsurface Soil Vapor Intrusion Evaluation And Ambient Air Samples					
AMB1(06)	Upwind Ambient Air at Golub Building	NA	NA	1	VOC and additional indicator compounds
AMB2(06)	Upwind Ambient Air at Apartment Building	NA	NA	1	VOC and additional indicator compounds
AMB3(06)	Upwind Ambient Air at Apartment Building	NA	NA	1	VOC and additional indicator compounds
SV1(06)	Determine concentrations of COI in soil vapor near NAPL identified at SB3 and SB6 adjacent to the Golub Community Center Building	1 ft below adjacent basement floor slab	8.5	1	VOC and additional indicator compounds
SV2(06)	Determine concentrations of COI in soil vapor near NAPL identified at SB3 and SB6 adjacent to the Golub Community Center Building	1 ft below adjacent basement floor slab	8.5	1	VOC and additional indicator compounds
SV3(06)	Determine concentrations of COI in soil vapor near apartment building adjacent to Gas Holder C	1 ft below adjacent basement floor slab	8.5	1	VOC and additional compounds
SV4(06)	Determine concentrations of COI in soil vapor near apartment building adjacent to Gas Holder C	1 ft below adjacent basement floor slab	8.5	1	VOC and additional indicator compounds
SV5(08)	To assess soi vapor conditions beneath the floor of the SMHA Building	NA	Below concrete slab	1	VOC and additional indicator compounds
SV6(08)	To assess soi vapor conditions beneath the floor of the SMHA Building	NA	Below concrete slab	1	VOC and additional indicator compounds
AMB1(08)	Upwind Ambient Air	NA	NA	1	VOC and additional indicator compounds
AMB2(08)	Upwind Ambient Air	NA	NA	1	VOC and additional indicator compounds
SV8	To assess soil vapor conditions in the northern portion of the site	NA	7-8	1	VOC and additional indicator compounds
SV9	To assess soil vapor conditions in the northeastern portion of the site	NA	7-8	1	VOC and additional indicator compounds

bgs - Below Ground Surface
NA - Not Applicable
NS - Not Sampled

Table 3-2
December 8, 2008, Groundwater Elevation Summary
and Well Construction Details
Schenectady Clinton Street MGP Site

Well Number	Construction	Screened Interval (feet bgs)	Ground Surface Elevation (feet NAVD 88)	Top of PVC Riser Reference Elevation (feet NAVD 88)	Depth to Water 12/8/2008 (feet)	Elevation of Water 12/8/2008 (feet NAVD 88)
MW-1	Flush-mount	6-16	220.27	226.57	6.30	220.27
MW-1D	Flush-mount	23-33	220.10	226.45	6.35	220.10
MW-2	Flush-mount	8-18	221.80	233.71	11.91	221.80
MW-3	Flush-mount	8-18	220.41	234.75	14.34	220.41
MW-4	Flush-mount	3-13	221.23	227.00	5.77	221.23
MW-5	Flush-mount	7-17	220.42	230.41	9.99	220.42
MW-6	Flush-mount	22-32	224.40	255.23	30.83	224.40
MW-7	Flush-mount	4-14	220.06	226.89	6.83	220.06
MW-7D	Flush-mount	30-40	219.67	226.86	7.19	219.67
MW-8	Flush-mount	6-16	219.79	225.71	5.92	219.79
MW-8D	Flush-mount	32-42	219.65	225.67	6.02	219.65
MW-9	Flush-mount	7.5-17.5	220.95	231.14	10.19	220.95
MW-10	Flush-mount	6-16	221.71	231.28	9.57	221.71
MW-11D	Flush-mount	32-42	219.58	226.09	6.51	219.58
MW-12	Flush-mount	3-13	219.05	225.70	6.65	219.05
MW-12D	Flush-mount	35-45	219.10	225.75	6.65	219.10
MW-13D	Flush-mount	33-43	219.26	224.87	5.61	219.26
MW-14	Flush-mount	3-13	219.75	224.93	5.18	219.75
MW-14D	Flush-mount	35-45	219.36	224.89	5.53	219.36
MW-15D	Flush-mount	30-40	219.99	225.24	5.25	219.99
MW-16D	Flush-mount	30-40	219.50	225.20	5.70	219.50
CTM-14	Flush-mount	5-15	221.02	226.81	5.79	221.02
CTM-15	Flush-mount	5-15	220.26	225.61	5.35	220.26

Notes: NAVD88 - North American Vertical Datum 1988

Table 5-1
Subsurface Soil VOC Results
Schenectady Clinton Street MGP Site

Location ID Sample Designation Sample Date Lab Sample ID	CAS #	NYSDEC Part 375-6 Restricted Residential Use Soil Cleanup Objectives	NYSDEC Part 375-6 Commercial Use Soil Cleanup Objectives	TP6 TP6(7)(HORZ 15) 11/1/2006 C6K030390002	TP7 TP7S(7.5)(HORZ 0-10) 10/31/2006 C6K030390001	TP10 TP10(29)E(8-8.5) 7/14/2008 C8G160152001	TP10 TP10(31)E(8-8.5) 7/14/2008 C8G160152002	TP11 TP11(50)E(8-8.5) 7/14/2008 C8G160152003	TP12 TP12(5)W(8-8.5) 7/15/2008 C8G160152004	TP12 TP12(17)W(10.5-11) 7/15/2008 C8G160152005	SB10 SB10(10.5-11.5) 11/7/2006 C6K080197007	SB10 SB10(28-30) 11/7/2006 C6K080197008	SB11 SB11(20-22) 11/7/2006 C6K080197005	SB11 SB11(38-40) 11/7/2006 C6K080197006	SB12 SB12(25-26) 11/8/2006 C6K100374001	SB12 SB12(38-40) 11/8/2006 C6K100374002	SB13 SB-13(10-11) 11/1/2006 C6K030390003
BTEX Compounds (mg/Kg)																	
Benzene	71-43-2	4.8	44	0.0072	0.0079 U	0.0057 U	0.0059 U	0.0063 U	0.0027 J	0.0062 U	0.0059 U	0.0064 U	0.007 U	0.0056 U	0.0072 U	0.0061 U	0.0063 U
Ethylbenzene	100-41-4	41	390	0.0033 J	0.0079 U	0.0057 U	0.0059 U	0.0063 U	0.0066 U	0.0062 U	0.0059 U	0.0064 U	0.007 U	0.0056 U	0.0072 U	0.0061 U	0.0063 U
Toluene	108-88-3	100	500	0.006 U	0.0079 U	0.0057 U	0.0059 U	0.0063 U	0.0066 U	0.0062 U	0.0059 U	0.0064 U	0.007 U	0.0056 U	0.0072 U	0.0061 U	0.0063 U
Xylenes (total)	1330-20-7	100	500	0.0056 J	0.024 U	0.017 U	0.018 U	0.019 U	0.02 U	0.019 U	0.018 U	0.019 U	0.021 U	0.017 U	0.022 U	0.018 U	0.019 U
Total BTEX (mg/Kg)	NA	NL	NL	0.0161	--- U	--- U	--- U	--- U	0.0027	--- U	--- U	--- U	--- U	--- U	--- U	--- U	--- U
Other VOCs (mg/Kg)																	
1,1,1-Trichloroethane	71-55-6	100	500	0.006 U	0.0079 U	0.0057 U	0.0059 U	0.0063 U	0.0066 U	0.0062 U	0.0059 U	0.0064 U	0.007 U	0.0056 U	0.0072 U	0.0061 U	0.0063 U
1,1,2,2-Tetrachloroethane	79-34-5	NL	NL	0.006 U	0.0079 U	0.0057 U	0.0059 U	0.0063 U	0.0066 U	0.0062 U	0.0059 U	0.0064 U	0.007 U	0.0056 U	0.0072 U	0.0061 U	0.0063 U
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	NL	NL	0.006 U	0.0079 U	0.0057 U	0.0059 U	0.0063 U	0.0066 U	0.0062 U	0.0059 U	0.0064 U	0.007 U	0.0056 U	0.0072 U	0.0061 U	0.0063 U
1,1,2-Trichloroethane	79-00-5	NL	NL	0.006 U	0.0079 U	0.0057 U	0.0059 U	0.0063 U	0.0066 U	0.0062 U	0.0059 U	0.0064 U	0.007 U	0.0056 U	0.0072 U	0.0061 U	0.0063 U
1,1-Dichloroethane	75-34-3	26	240	0.006 U	0.0079 U	0.0057 U	0.0059 U	0.0063 U	0.0066 U	0.0062 U	0.0059 U	0.0064 U	0.007 U	0.0056 U	0.0072 U	0.0061 U	0.0063 U
1,1-Dichloroethene	75-35-4	100	500	0.006 U	0.0079 U	0.0057 U	0.0059 U	0.0063 U	0.0066 U	0.0062 U	0.0059 U	0.0064 U	0.007 U	0.0056 U	0.0072 U	0.0061 U	0.0063 U
1,2,4-Trichlorobenzene	120-82-1	NL	NL	0.006 U	0.0079 U	0.0057 U	0.0059 U	0.0063 U	0.0066 U	0.0062 U	0.0059 U	0.0064 U	0.007 U	0.0056 U	0.0072 U	0.0061 U	0.0063 U
1,2-Dibromo-3-chloropropane	96-12-8	NL	NL	0.006 U	0.0079 U	0.0057 U	0.0059 U	0.0063 U	0.0066 U	0.0062 U	0.0059 U	0.0064 U	0.007 U	0.0056 U	0.0072 U	0.0061 U	0.0063 U
1,2-Dibromoethane	106-93-4	NL	NL	0.006 U	0.0079 U	0.0057 U	0.0059 U	0.0063 U	0.0066 U	0.0062 U	0.0059 U	0.0064 U	0.007 U	0.0056 U	0.0072 U	0.0061 U	0.0063 U
1,2-Dichlorobenzene	95-50-1	100	500	0.006 U	0.0079 U	0.0057 U	0.0059 U	0.0063 U	0.0066 U	0.0062 U	0.0059 U	0.0064 U	0.007 U	0.0056 U	0.0072 U	0.0061 U	0.0063 U
1,2-Dichloroethane	107-06-2	3.1	30	0.006 U	0.0079 U	0.0057 U	0.0059 U	0.0063 U	0.0066 U	0.0062 U	0.0059 U	0.0064 U	0.007 U	0.0056 U	0.0072 U	0.0061 U	0.0063 U
1,2-Dichloropropane	78-87-5	NL	NL	0.006 U	0.0079 U	0.0057 U	0.0059 U	0.0063 U	0.0066 U	0.0062 U	0.0059 U	0.0064 U	0.007 U	0.0056 U	0.0072 U	0.0061 U	0.0063 U
1,3-Dichlorobenzene	541-73-1	49	280	0.006 U	0.0079 U	0.0057 U	0.0059 U	0.0063 U	0.0066 U	0.0062 U	0.0059 U	0.0064 U	0.007 U	0.0056 U	0.0072 U	0.0061 U	0.0063 U
1,4-Dichlorobenzene	106-46-7	13	130	0.006 U	0.0079 U	0.0057 U	0.0059 U	0.0063 U	0.0066 U	0.0062 U	0.0059 U	0.0064 U	0.007 U	0.0056 U	0.0072 U	0.0061 U	0.0063 U
2-Butanone	78-93-3	100	500	0.006 U	0.0079 U	0.0057 U	0.0059 U	0.0063 U	0.0066 U	0.0062 U	0.0059 U	0.0064 U	0.007 U	0.0056 U	0.0072 U	0.0061 U	0.0063 U
2-Hexanone	591-78-6	NL	NL	0.006 U	0.0079 U	0.0057 U	0.0059 U	0.0063 U	0.0066 U	0.0062 U	0.0059 U	0.0064 U	0.007 U	0.0056 U	0.0072 U	0.0061 U	0.0063 U
4-Methyl-2-pentanone	108-10-1	NL	NL	0.006 U	0.0079 U	0.0057 U	0.0059 U	0.0063 U	0.0066 U	0.0062 U	0.0059 U	0.0064 U	0.007 U	0.0056 U	0.0072 U	0.0061 U	0.0063 U
Acetone	67-64-1	100	500	0.024 UJ	0.032 UJ	0.023 U	0.024 U	0.025 U	0.026 U	0.025 U	0.024 U	0.026 U	0.028 U	0.023 U	0.029 U	0.025 U	0.025 UJ
Bromodichloromethane	75-27-4	NL	NL	0.006 U	0.0079 U	0.0057 U	0.0059 U	0.0063 U	0.0066 U	0.0062 U	0.0059 U	0.0064 U	0.007 U	0.0056 U	0.0072 U	0.0061 U	0.0063 U
Bromoform	75-25-2	NL	NL	0.006 U	0.0079 U	0.0057 U	0.0059 U	0.0063 U	0.0066 U	0.0062 U	0.0059 U	0.0064 U	0.007 U	0.0056 U	0.0072 U	0.0061 U	0.0063 U
Bromomethane	74-83-9	NL	NL	0.006 U	0.0079 U	0.0057 U	0.0059 U	0.0063 U	0.0066 U	0.0062 U	0.0059 U	0.0064 U	0.007 U	0.0056 U	0.0072 U	0.0061 U	0.0063 U
Carbon disulfide	75-15-0	NL	NL	0.006 U	0.0079 U	0.0057 U	0.0059 U	0.0063 U	0.0066 U	0.0062 U	0.0059 U	0.0064 U	0.007 U	0.0056 U	0.0072 U	0.0061 U	0.0063 U
Carbon tetrachloride	56-23-5	2.4	22	0.006 U	0.0079 U	0.0057 U	0.0059 U	0.0063 U	0.0066 U	0.0062 U	0.0059 U	0.0064 U	0.007 U	0.0056 U	0.0072 U	0.0061 U	0.0063 U
Chlorobenzene	108-90-7	100	500	0.006 U	0.0079 U	0.0057 U	0.0059 U	0.0063 U	0.0066 U	0.0062 U	0.0059 U	0.0064 U	0.007 U	0.0056 U	0.0072 U	0.0061 U	0.0063 U
Chloroethane	75-00-3	NL	NL	0.006 U	0.0079 U	0.0057 U	0.0059 U	0.0063 U	0.0066 U	0.0062 U	0.0059 U	0.0064 U	0.007 U	0.0056 U	0.0072 U	0.0061 U	0.0063 U
Chloroform	67-66-3	49	350	0.006 U	0.0079 U	0.0057 U	0.0059 U	0.0063 U	0.0066 U	0.0062 U	0.0059 U	0.0064 U	0.007 U	0.0056 U	0.0072 U	0.0061 U	0.0063 U
Chloromethane	74-87-3	NL	NL	0.006 U	0.0079 U	0.0057 U	0.0059 U	0.0063 U	0.0066 U	0.0062 U	0.0059 U	0.0064 U	0.007 U	0.0056 U	0.0072 U	0.0061 U	0.0063 U
cis-1,2-Dichloroethene	156-59-2	100	500	0.006 U	0.0079 U	0.0057 U	0.0059 U	0.0063 U	0.0066 U	0.0062 U	0.0059 U	0.0064 U	0.007 U	0.0056 U	0.0072 U	0.0061 U	0.0063 U
cis-1,3-Dichloropropene	10061-01-5	NL	NL	0.006 U	0.0079 U	0.0057 U	0.0059 U	0.0063 U	0.0066 U	0.0062 U	0.0059 U	0.0064 U	0.007 U	0.0056 U	0.0072 U	0.0061 U	0.0063 U
Cyclohexane	110-82-7	NL	NL	0.006 U	0.0079 U	0.0057 U	0.0059 U	0.0063 U	0.0066 U	0.0062 U	0.0059 U	0.0064 U	0.007 U	0.0056 U	0.0072 U	0.0061 U	0.0063 U
Dibromochloromethane	124-48-1	NL	NL	0.006 U	0.0079 U	0.0057 U	0.0059 U	0.0063 U	0.0066 U	0.0062 U	0.0059 U	0.0064 U	0.007 U	0.0056 U	0.0072 U	0.0061 U	0.0063 U
Dichlorodifluoromethane	75-71-8	NL	NL	0.006 U	0.0079 U	0.0057 U	0.0059 U	0.0063 U	0.0066 U	0.0062 U	0.0059 U	0.0064 U	0.007 U	0.0056 U	0.0072 U	0.0061 U	0.0063 U
Isopropylbenzene	98-82-8	NL	NL	0.0015 J	0.0041 J	0.0057 U	0.0059 U	0.0063 U	0.0073	0.0062 U	0.0059 U	0.0064 U	0.007 U	0.0056 U	0.0072 U	0.0061 U	0.0063 U
Methyl acetate	79-20-9	NL	NL	0.006 U	0.0079 U	0.0057 U	0.0059 U	0.0063 U	0.0066 U	0.0062 U	0.0059 U	0.0064 U	0.007 U	0.0056 U	0.0072 U	0.0061 U	0.0063 U
Methyl tert-butyl ether	1634-04-4	100	500	0.006 U	0.0079 U	0.0057 U	0.0059 U	0.0063 U	0.0066 U	0.0062 U	0.0059 U	0.0064 U	0.007 U	0.0056 U	0.0072 U	0.0061 U	0.0063 U
Methylcyclohexane	108-87-2	NL	NL	0.006 U	0.0079 U	0.0057 U	0.0059 U	0.0063 U	0.0066 U	0.0062 U	0.0059 U	0.0064 U	0.007 U	0.0056 U	0.0072 U	0.0061 U	0.0063 U
Methylene chloride	75-09-2	100	500	0.006 U	0.0079 U	0.0057 U	0.0059 U	0.0063 U	0.0066 U	0.0062 U	0.0059 U	0.0064 U	0.007 U	0.0056 U	0.0072 U	0.0061 U	0.0063 U
Styrene	100-42-5	NL	NL	0.006 U	0.0079 U	0.0057 U	0.0059 U	0.0063 U	0.0066 U	0.0062 U	0.0059 U	0.0064 U	0.007 U	0.0056 U	0.0072 U	0.0061 U	0.0063 U
Tetrachloroethene	127-18-4	19	150	0.006 U	0.0079 U	0.0057 U	0.0059 U	0.0063 U	0.0066 U	0.0062 U	0.0059 U	0.0064 U	0.007 U	0.0056 U	0.0072 U	0.0061 U	0.0063 U
trans-1,2-Dichloroethene	156-60-5	100	500	0.006 U	0.0079 U	0.0057 U	0.0059 U	0.0063 U	0.0066 U	0.0062 U	0.0059 U	0.0064 U	0.007 U	0.0056 U	0.0072 U	0.0061 U	0.0063 U
trans-1,3-Dichloropropene	10061-02-6	NL	NL	0.006 U	0.0079 U	0.0057 U	0.0059 U	0.0063 U	0.0066 U	0.0062 U	0.0059 U	0.0064 U	0.007 U	0.0056 U	0.0072 U	0.0061 U	0.0063 U
Trichloroethene	79-01-6	21	200	0.006 U	0.0079 U	0.0057 U	0.0059 U	0.0063 U	0.0066 U	0.0062 U	0.0059 U	0.0064 U	0.007 U	0.0056 U	0.0072 U	0.0061 U	0.0063 U
Trichlorofluoromethane	75-69-4	NL	NL	0.006 U	0.0079 U	0.0057 U	0.0059 U	0.0063 U	0.0066 U	0.0062 U	0.0059 U	0.0064 U	0.007 U	0.0056 U	0.0072 U	0.0061 U	0.0063 U
Vinyl chloride	75-01-4	0.9	13	0.006 U	0.0079 U	0.0057 U	0.0059 U	0.0063 U	0.0066 U	0.0062 U	0.0059 U	0.0064 U	0.007 U	0.0056 U	0.0072 U	0.0061 U	0.0063 U
Total VOCs (mg/Kg) (Note 1)	NA	NL	NL	0.0176	0.0041	--- U	--- U	--- U	0.01	--- U	--- U	--- U	--- U	--- U	--- U	--- U	--- U

Notes:
NL = Not Listed
NA = Not Applicable
U = The material was analyzed for but not detected at or above the reporting limit. The associated numerical value is the sample quantitation limit.
J = The associated numerical value is an estimated quantity.
Bold value - compound detected at concentration greater than the Restricted Residential SCO.
Yellow Shading = Compound detected in concentration greater than the Commercial SCO.
NYSDEC Subpart 375-6, Remedial Program Soil Cleanup Objectives, December 14, 2006.
(Note 1) - Total VOCs includes all of the BTEX and other VOC compounds.

Table 5-1
Subsurface Soil VOC Results
Schenectady Clinton Street MGP Site

Location ID Sample Designation Sample Date Lab Sample ID	CAS #	NYSDEC Part 375-6 Restricted Residential Use Soil Cleanup Objectives	NYSDEC Part 375-6 Commercial Use Soil Cleanup Objectives	SB13 SB13(37-39) 11/9/2006 C6K100374003	SB130 SB130(37-39) DUPLICATE C6K100374004	SB14 SB14(15-17.5) 11/6/2006 C6K080197004	SB14 SB14(38-40) 11/6/2006 C6K080197003	SB15 SB15(34-35) 11/3/2006 C6K060148006	SB16 SB16(35-37) 11/6/2006 C6K080197001	SB16 SB16(49-50) 11/6/2006 C6K080197002	SB18 SB-18(10-11) 11/1/2006 C6K030390004	SB18 SB-18(18.5-20) 11/1/2006 C6K030390005	SB19 SB-19(23-24.5) 11/1/2006 C6K030390009	SB20 SB-20(16.5-18) 11/2/2006 C6K030390012	SB20 SB-20(30-32.5) 11/1/2006 C6K030390010	SB20 SB-20(38.5-40) 11/1/2006 C6K030390011	SB21 SB-21(9-10) 11/1/2006 C6K030390006
BTEX Compounds (mg/Kg)																	
Benzene	71-43-2	4.8	44	0.0073 J	0.0061 UJ	**5.4**	0.0059 U	0.0058 U	0.58	0.0058 U	0.006 U	0.0065 U	0.0079 U	0.0015 J	0.3 U	0.0009 J	0.0059 U
Ethylbenzene	100-41-4	41	390	0.011 J	0.0014 J	**63**	0.016	0.0058 U	7.6	0.0058 U	0.0014 J	0.0065 U	0.0079 U	0.064	4.2	0.0062 U	0.0059 U
Toluene	108-88-3	100	500	0.01 J	0.0012 J	35	0.0071	0.0058 U	4	0.0058 U	0.006 U	0.0065 U	0.0079 U	0.0066 U	0.94	0.0062 U	0.0059 U
Xylenes (total)	1330-20-7	100	500	0.028 J	0.0042 J	99	0.027	0.017 U	12	0.017 U	0.0042 J	0.02 U	0.024 U	0.09	7.8	0.019 U	0.018 U
Total BTEX (mg/Kg)	NA	NL	NL	0.0563	0.0068	202.4	0.0501	--- U	24.18	--- U	0.0056	--- U	--- U	0.1555	12.94	0.0009	--- U
Other VOCs (mg/Kg)																	
1,1,1-Trichloroethane	71-55-6	100	500	0.006 U	0.0061 U	3.1 U	0.0059 U	0.0058 U	0.31 U	0.0058 U	0.006 U	0.0065 U	0.0079 U	0.0066 U	0.3 U	0.0062 U	0.0059 U
1,1,2,2-Tetrachloroethane	79-34-5	NL	NL	0.006 U	0.0061 U	3.1 U	0.0059 U	0.0058 U	0.31 U	0.0058 U	0.006 U	0.0065 U	0.0079 U	0.0066 U	0.3 U	0.0062 U	0.0059 U
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	NL	NL	0.006 U	0.0061 U	3.1 U	0.0059 U	0.0058 U	0.31 U	0.0058 U	0.006 U	0.0065 U	0.0079 U	0.0066 U	0.3 U	0.0062 U	0.0059 U
1,1,2-Trichloroethane	79-00-5	NL	NL	0.006 U	0.0061 U	3.1 U	0.0059 U	0.0058 U	0.31 U	0.0058 U	0.006 U	0.0065 U	0.0079 U	0.0066 U	0.3 U	0.0062 U	0.0059 U
1,1-Dichloroethane	75-34-3	26	240	0.006 U	0.0061 U	3.1 U	0.0059 U	0.0058 U	0.31 U	0.0058 U	0.006 U	0.0065 U	0.0079 U	0.0066 U	0.3 U	0.0062 U	0.0059 U
1,1-Dichloroethene	75-35-4	100	500	0.006 U	0.0061 U	3.1 U	0.0059 U	0.0058 U	0.31 U	0.0058 U	0.006 U	0.0065 U	0.0079 U	0.0066 U	0.3 U	0.0062 U	0.0059 U
1,2,4-Trichlorobenzene	120-82-1	NL	NL	0.006 U	0.0061 U	3.1 U	0.0059 U	0.0058 U	0.31 U	0.0058 U	0.006 U	0.0065 U	0.0079 U	0.0066 U	0.3 U	0.0062 U	0.0059 U
1,2-Dibromo-3-chloropropane	96-12-8	NL	NL	0.006 U	0.0061 U	3.1 U	0.0059 U	0.0058 U	0.31 U	0.0058 U	0.006 U	0.0065 U	0.0079 U	0.0066 U	0.3 U	0.0062 U	0.0059 U
1,2-Dibromoethane	106-93-4	NL	NL	0.006 U	0.0061 U	3.1 U	0.0059 U	0.0058 U	0.31 U	0.0058 U	0.006 U	0.0065 U	0.0079 U	0.0066 U	0.3 U	0.0062 U	0.0059 U
1,2-Dichlorobenzene	95-50-1	100	500	0.006 U	0.0061 U	3.1 U	0.0059 U	0.0058 U	0.31 U	0.0058 U	0.006 U	0.0065 U	0.0079 U	0.0066 U	0.3 U	0.0062 U	0.0059 U
1,2-Dichloroethane	107-06-2	3.1	30	0.006 U	0.0061 U	3.1 U	0.0059 U	0.0058 U	0.31 U	0.0058 U	0.006 U	0.0065 U	0.0079 U	0.0066 U	0.3 U	0.0062 U	0.0059 U
1,2-Dichloropropane	78-87-5	NL	NL	0.006 U	0.0061 U	3.1 U	0.0059 U	0.0058 U	0.31 U	0.0058 U	0.006 U	0.0065 U	0.0079 U	0.0066 U	0.3 U	0.0062 U	0.0059 U
1,3-Dichlorobenzene	541-73-1	49	280	0.006 U	0.0061 U	3.1 U	0.0059 U	0.0058 U	0.31 U	0.0058 U	0.006 U	0.0065 U	0.0079 U	0.0066 U	0.3 U	0.0062 U	0.0059 U
1,4-Dichlorobenzene	106-46-7	13	130	0.006 U	0.0061 U	3.1 U	0.0059 U	0.0058 U	0.31 U	0.0058 U	0.006 U	0.0065 U	0.0079 U	0.0066 U	0.3 U	0.0062 U	0.0059 U
2-Butanone	78-93-3	100	500	0.006 U	0.0061 U	3.1 UJ	0.0059 U	0.0058 U	0.31 UJ	0.0058 U	0.006 U	0.024	0.0079 U	0.0066 U	0.3 U	0.0062 U	0.0059 U
2-Hexanone	591-78-6	NL	NL	0.006 U	0.0061 U	3.1 U	0.0059 U	0.0058 U	0.31 U	0.0058 U	0.006 U	0.0065 U	0.0079 U	0.0066 U	0.3 U	0.0062 U	0.0059 U
4-Methyl-2-pentanone	108-10-1	NL	NL	0.006 U	0.0061 U	3.1 U	0.0059 U	0.0058 U	0.31 U	0.0058 U	0.006 U	0.0065 U	0.0079 U	0.0066 U	0.3 U	0.0062 U	0.0059 U
Acetone	67-64-1	100	500	0.024 U	0.024 U	4.4 J	0.024 U	0.023 U	1.2 U	0.023 U	0.024 UJ	0.067 J	0.032 UJ	0.026 UJ	1.2 U	0.025 UJ	0.024 UJ
Bromodichloromethane	75-27-4	NL	NL	0.006 U	0.0061 U	3.1 U	0.0059 U	0.0058 U	0.31 U	0.0058 U	0.006 U	0.0065 U	0.0079 U	0.0066 U	0.3 U	0.0062 U	0.0059 U
Bromoform	75-25-2	NL	NL	0.006 U	0.0061 U	3.1 U	0.0059 U	0.0058 U	0.31 U	0.0058 U	0.006 U	0.0065 U	0.0079 U	0.0066 U	0.3 U	0.0062 U	0.0059 U
Bromomethane	74-83-9	NL	NL	0.006 U	0.0061 U	3.1 U	0.0059 U	0.0058 U	0.31 U	0.0058 U	0.006 U	0.0065 U	0.0079 U	0.0066 U	0.3 U	0.0062 U	0.0059 U
Carbon disulfide	75-15-0	NL	NL	0.006 U	0.0061 U	3.1 U	0.0059 U	0.0058 U	0.31 U	0.0058 U	0.006 U	0.0065 U	0.0079 U	0.0066 U	0.3 U	0.0062 U	0.0059 U
Carbon tetrachloride	56-23-5	2.4	22	0.006 U	0.0061 U	3.1 U	0.0059 U	0.0058 U	0.31 U	0.0058 U	0.006 U	0.0065 U	0.0079 U	0.0066 U	0.3 U	0.0062 U	0.0059 U
Chlorobenzene	108-90-7	100	500	0.006 U	0.0061 U	3.1 U	0.0059 U	0.0058 U	0.31 U	0.0058 U	0.006 U	0.0065 U	0.0079 U	0.0066 U	0.3 U	0.0062 U	0.0059 U
Chloroethane	75-00-3	NL	NL	0.006 U	0.0061 U	3.1 U	0.0059 U	0.0058 U	0.31 U	0.0058 U	0.006 U	0.0065 U	0.0079 U	0.0066 U	0.3 U	0.0062 U	0.0059 U
Chloroform	67-66-3	49	350	0.006 U	0.0061 U	3.1 U	0.0059 U	0.0058 U	0.31 U	0.0058 U	0.006 U	0.0065 U	0.0079 U	0.0066 U	0.3 U	0.0062 U	0.0059 U
Chloromethane	74-87-3	NL	NL	0.006 U	0.0061 U	3.1 U	0.0059 U	0.0058 U	0.31 U	0.0058 U	0.006 U	0.0065 U	0.0079 U	0.0066 U	0.3 U	0.0062 U	0.0059 U
cis-1,2-Dichloroethene	156-59-2	100	500	0.006 U	0.0061 U	3.1 U	0.0059 U	0.0058 U	0.31 U	0.0058 U	0.006 U	0.0065 U	0.0079 U	0.0066 U	0.3 U	0.0062 U	0.0059 U
cis-1,3-Dichloropropene	10061-01-5	NL	NL	0.006 U	0.0061 U	3.1 U	0.0059 U	0.0058 U	0.31 U	0.0058 U	0.006 U	0.0065 U	0.0079 U	0.0066 U	0.3 U	0.0062 U	0.0059 U
Cyclohexane	110-82-7	NL	NL	0.006 U	0.0061 U	3.1 U	0.0059 U	0.0058 U	0.31 U	0.0058 U	0.006 U	0.0065 U	0.0079 U	0.0066 U	0.3 U	0.0062 U	0.0059 U
Dibromochloromethane	124-48-1	NL	NL	0.006 U	0.0061 U	3.1 U	0.0059 U	0.0058 U	0.31 U	0.0058 U	0.006 U	0.0065 U	0.0079 U	0.0066 U	0.3 U	0.0062 U	0.0059 U
Dichlorodifluoromethane	75-71-8	NL	NL	0.006 U	0.0061 U	3.1 U	0.0059 U	0.0058 U	0.31 U	0.0058 U	0.006 U	0.0065 U	0.0079 U	0.0066 U	0.3 U	0.0062 U	0.0059 U
Isopropylbenzene	98-82-8	NL	NL	0.006 U	0.0061 U	6.4	0.0022 J	0.0058 U	0.89	0.0058 U	0.006 U	0.0065 U	0.0079 U	0.0016 J	0.5	0.0062 U	0.0059 U
Methyl acetate	79-20-9	NL	NL	0.006 U	0.0061 U	3.1 U	0.0059 U	0.0058 U	0.31 U	0.0058 U	0.006 U	0.0065 U	0.0079 U	0.0066 U	0.066 J	0.0062 U	0.0059 U
Methyl tert-butyl ether	1634-04-4	100	500	0.006 U	0.0061 U	3.1 U	0.0059 U	0.0058 U	0.31 U	0.0058 U	0.006 U	0.0065 U	0.0079 U	0.0066 U	0.3 U	0.0062 U	0.0059 U
Methylcyclohexane	108-87-2	NL	NL	0.006 U	0.0061 U	3.1 U	0.0059 U	0.0058 U	0.31 U	0.0058 U	0.006 U	0.0065 U	0.0079 U	0.0066 U	0.3 U	0.0062 U	0.0059 U
Methylene chloride	75-09-2	100	500	0.006 U	0.0061 U	3.1 UJ	0.0059 U	0.0058 U	0.31 UJ	0.0058 U	0.006 U	0.0065 U	0.0079 U	0.0066 U	0.3 U	0.0062 U	0.0059 U
Styrene	100-42-5	NL	NL	0.006 U	0.0061 U	3.1 U	0.0059 U	0.0058 U	0.31 U	0.0058 U	0.006 U	0.0065 U	0.0079 U	0.0066 U	0.3 U	0.0062 U	0.0059 U
Tetrachloroethene	127-18-4	19	150	0.006 U	0.0061 U	3.1 U	0.0059 U	0.0058 U	0.31 U	0.0058 U	0.006 U	0.0065 U	0.0079 U	0.0066 U	0.3 U	0.0062 U	0.0059 U
trans-1,2-Dichloroethene	156-60-5	100	500	0.006 U	0.0061 U	3.1 U	0.0059 U	0.0058 U	0.31 U	0.0058 U	0.006 U	0.0065 U	0.0079 U	0.0066 U	0.3 U	0.0062 U	0.0059 U
trans-1,3-Dichloropropene	10061-02-6	NL	NL	0.006 U	0.0061 U	3.1 U	0.0059 U	0.0058 U	0.31 U	0.0058 U	0.006 U	0.0065 U	0.0079 U	0.0066 U	0.3 U	0.0062 U	0.0059 U
Trichloroethene	79-01-6	21	200	0.006 U	0.0061 U	3.1 U	0.0059 U	0.0058 U	0.31 U	0.0058 U	0.006 U	0.0065 U	0.0079 U	0.0066 U	0.3 U	0.0062 U	0.0059 U
Trichlorofluoromethane	75-69-4	NL	NL	0.006 U	0.0061 U	3.1 UJ	0.0059 U	0.0058 U	0.31 UJ	0.0058 U	0.006 U	0.0065 U	0.0079 U	0.0066 U	0.3 U	0.0062 U	0.0059 U
Vinyl chloride	75-01-4	0.9	13	0.006 U	0.0061 U	3.1 U	0.0059 U	0.0058 U	0.31 U	0.0058 U	0.006 U	0.0065 U	0.0079 U	0.0066 U	0.3 U	0.0062 U	0.0059 U
Total VOCs (mg/Kg) (Note 1)	NA	NL	NL	--- U	0.0068	213.2	0.0523	--- U	25.07	--- U	0.0056	0.091	--- U	0.1571	13.506	0.0009	--- U

Notes:
NL = Not Listed
NA = Not Applicable
U = The material was analyzed for but not detected at or above the reporting limit. The associated numerical value is the sample quantitation limit.
J = The associated numerical value is an estimated quantity.
Bold value - compound detected at concentration greater than the Restricted Residential SCO.
Yellow Shading = Compound detected in concentration greater than the Commercial SCO.
NYSDEC Subpart 375-6, Remedial Program Soil Cleanup Objectives, December 14, 2006.
(Note 1) - Total VOCs includes all of the BTEX and other VOC compounds.

Table 5-1
Subsurface Soil VOC Results
Schenectady Clinton Street MGP Site

Location ID Sample Designation Sample Date Lab Sample ID	CAS #	NYSDEC Part 375-6 Restricted Residential Use Soil Cleanup Objectives	NYSDEC Part 375-6 Commercial Use Soil Cleanup Objectives	SB22 SB22(18-20) 11/3/2006 C6K060148004	SB220 SB220(18-20) DUPLICATE C6K060148005	SB23 SB23(6-7) 11/3/2006 C6K060148002	SB23 SB23(10-13) 11/3/2006 C6K060148001	SB24 SB-24(13.5-14.5) 11/1/2006 C6K030390007	SB24 SB-24(20-21) 11/1/2006 C6K030390008	SB25 SB25(18-19.5) 11/3/2006 C6K060148003	SB26 SB26(35-37.5) 10/29/2008 C8K010195001	SB27 SB27(23-23.5) 12/8/2008 C8L110357001	SB27 SB27(35-36) 12/8/2008 C8L110357002	SB28 SB28(33.5-35) 10/23/2008 C8J290111005	SB28 SB28(47.5-50) 10/23/2008 C8J290111006	SB31 SB31(25-27.5) 10/17/2008 C8J220183003	SB31 SB31(47.5-50) 10/17/2008 C8J220183004
BTEX Compounds (mg/Kg)																	
Benzene	71-43-2	4.8	44	0.083	0.071	0.006 U	0.0058 U	0.0019 J	0.009 U	0.0023 J	0.006 U	3 U	0.006 U	0.006 U	0.0058 U	1 J	0.0064 U
Ethylbenzene	100-41-4	41	390	0.15	0.21	0.006 U	0.0058 U	0.0039 J	0.009 U	0.0067 U	0.006 U	3 U	0.006 U	0.006 U	0.0058 U	14	0.0064 U
Toluene	108-88-3	100	500	0.0073 J	0.0063 J	0.006 U	0.0058 U	0.0064 U	0.009 U	0.0067 U	0.006 U	3 U	0.006 U	0.006 U	0.0058 U	7.4	0.0064 U
Xylenes (total)	1330-20-7	100	500	0.23	0.26	0.018 U	0.017 U	0.0094 J	0.027 U	0.02 U	0.018 U	8.9 U	0.018 U	0.018 U	0.017 U	29	0.019 U
Total BTEX (mg/Kg)	NA	NL	NL	0.4703	0.5473	--- U	--- U	0.0152	--- U	0.0023	--- U	--- U	--- U	--- U	--- U	51.4	--- U
Other VOCs (mg/Kg)																	
1,1,1-Trichloroethane	71-55-6	100	500	0.0093 U	0.01 U	0.006 U	0.0058 U	0.0064 U	0.009 U	0.0067 U	0.006 U	3 U	0.006 U	0.006 U	0.0058 U	3.1 U	0.0064 U
1,1,2,2-Tetrachloroethane	79-34-5	NL	NL	0.0093 U	0.01 U	0.006 U	0.0058 U	0.0064 U	0.009 U	0.0067 U	0.006 U	3 U	0.006 U	0.006 U	0.0058 U	3.1 U	0.0064 U
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	NL	NL	0.0093 U	0.01 U	0.006 U	0.0058 U	0.0064 U	0.009 U	0.0067 U	0.006 U	3 U	0.006 U	0.006 U	0.0058 U	3.1 U	0.0064 U
1,1,2-Trichloroethane	79-00-5	NL	NL	0.0093 U	0.01 U	0.006 U	0.0058 U	0.0064 U	0.009 U	0.0067 U	0.006 U	3 U	0.006 U	0.006 U	0.0058 U	3.1 U	0.0064 U
1,1-Dichloroethane	75-34-3	26	240	0.0093 U	0.01 U	0.006 U	0.0058 U	0.0064 U	0.009 U	0.0067 U	0.006 U	3 U	0.006 U	0.006 U	0.0058 U	3.1 U	0.0064 U
1,1-Dichloroethene	75-35-4	100	500	0.0093 U	0.01 U	0.006 U	0.0058 U	0.0064 U	0.009 U	0.0067 U	0.006 U	3 U	0.006 U	0.006 U	0.0058 U	3.1 U	0.0064 U
1,2,4-Trichlorobenzene	120-82-1	NL	NL	0.0093 U	0.01 U	0.006 U	0.0058 U	0.0064 U	0.009 U	0.0067 U	0.006 U	3 U	0.006 U	0.006 UJ	0.0058 UJ	3.1 U	0.0064 U
1,2-Dibromo-3-chloropropane	96-12-8	NL	NL	0.0093 U	0.01 U	0.006 U	0.0058 U	0.0064 U	0.009 U	0.0067 U	0.006 U	3 U	0.006 UJ	0.006 U	0.0058 U	3.1 U	0.0064 U
1,2-Dibromoethane	106-93-4	NL	NL	0.0093 U	0.01 U	0.006 U	0.0058 U	0.0064 U	0.009 U	0.0067 U	0.006 U	3 U	0.006 U	0.006 U	0.0058 U	3.1 U	0.0064 U
1,2-Dichlorobenzene	95-50-1	100	500	0.0093 U	0.01 U	0.006 U	0.0058 U	0.0064 U	0.009 U	0.0067 U	0.006 U	3 U	0.006 U	0.006 U	0.0058 U	3.1 U	0.0064 U
1,2-Dichloroethane	107-06-2	3.1	30	0.0093 U	0.01 U	0.006 U	0.0058 U	0.0064 U	0.009 U	0.0067 U	0.006 U	3 U	0.006 U	0.006 U	0.0058 U	3.1 U	0.0064 U
1,2-Dichloropropane	78-87-5	NL	NL	0.0093 U	0.01 U	0.006 U	0.0058 U	0.0064 U	0.009 U	0.0067 U	0.006 U	3 U	0.006 U	0.006 U	0.0058 U	3.1 U	0.0064 U
1,3-Dichlorobenzene	541-73-1	49	280	0.0093 U	0.01 U	0.006 U	0.0058 U	0.0064 U	0.009 U	0.0067 U	0.006 U	3 U	0.006 U	0.006 U	0.0058 U	3.1 U	0.0064 U
1,4-Dichlorobenzene	106-46-7	13	130	0.0093 U	0.01 U	0.006 U	0.0058 U	0.0064 U	0.009 U	0.0067 U	0.006 U	3 U	0.006 U	0.006 U	0.0058 U	3.1 U	0.0064 U
2-Butanone	78-93-3	100	500	0.023 J	0.041 J	0.006 U	0.0058 U	0.0064 U	0.01	0.0067 U	0.006 U	3 U	0.006 U	0.006 U	0.0058 U	3.1 U	0.0064 U
2-Hexanone	591-78-6	NL	NL	0.0093 U	0.01 U	0.006 U	0.0058 U	0.0064 U	0.009 U	0.0067 U	0.006 U	3 U	0.006 U	0.006 U	0.0058 U	3.1 U	0.0064 U
4-Methyl-2-pentanone	108-10-1	NL	NL	0.0093 U	0.01 U	0.006 U	0.0058 U	0.0064 U	0.009 U	0.0067 U	0.006 U	3 U	0.006 U	0.006 U	0.0058 U	3.1 U	0.0064 U
Acetone	67-64-1	100	500	0.052 J	0.11 J	0.017 J	0.023 U	0.026 UJ	0.023 J	0.027 U	0.024 UJ	12 U	0.024 UJ	0.024 U	0.023 U	12 U	0.026 UJ
Bromodichloromethane	75-27-4	NL	NL	0.0093 U	0.01 U	0.006 U	0.0058 U	0.0064 U	0.009 U	0.0067 U	0.006 U	3 U	0.006 U	0.006 U	0.0058 U	3.1 U	0.0064 U
Bromoform	75-25-2	NL	NL	0.0093 U	0.01 U	0.006 U	0.0058 U	0.0064 U	0.009 U	0.0067 U	0.006 U	3 U	0.006 U	0.006 U	0.0058 U	3.1 U	0.0064 U
Bromomethane	74-83-9	NL	NL	0.0093 U	0.01 U	0.006 U	0.0058 U	0.0064 U	0.009 U	0.0067 U	0.006 U	3 U	0.006 U	0.006 U	0.0058 U	3.1 U	0.0064 U
Carbon disulfide	75-15-0	NL	NL	0.0093 U	0.01 U	0.006 U	0.0058 U	0.0064 U	0.009 U	0.00074 J	0.006 U	3 U	0.006 U	0.006 U	0.0058 U	3.1 U	0.0064 U
Carbon tetrachloride	56-23-5	2.4	22	0.0093 U	0.01 U	0.006 U	0.0058 U	0.0064 U	0.009 U	0.0067 U	0.006 U	3 U	0.006 U	0.006 U	0.0058 U	3.1 U	0.0064 U
Chlorobenzene	108-90-7	100	500	0.0093 U	0.01 U	0.006 U	0.0058 U	0.0064 U	0.009 U	0.0067 U	0.006 U	3 U	0.006 U	0.006 U	0.0058 U	3.1 U	0.0064 U
Chloroethane	75-00-3	NL	NL	0.0093 U	0.01 U	0.006 U	0.0058 U	0.0064 U	0.009 U	0.0067 U	0.006 U	3 U	0.006 U	0.006 U	0.0058 U	3.1 U	0.0064 U
Chloroform	67-66-3	49	350	0.0093 U	0.01 U	0.006 U	0.0058 U	0.0064 U	0.009 U	0.0067 U	0.006 U	3 U	0.006 U	0.006 U	0.0058 U	3.1 U	0.0064 U
Chloromethane	74-87-3	NL	NL	0.0093 U	0.01 U	0.006 U	0.0058 U	0.0064 U	0.009 U	0.0067 U	0.006 U	3 U	0.006 U	0.006 U	0.0058 U	3.1 U	0.0064 U
cis-1,2-Dichloroethene	156-59-2	100	500	0.0093 U	0.01 U	0.006 U	0.0058 U	0.0064 U	0.009 U	0.0067 U	0.006 U	3 U	0.006 U	0.006 U	0.0058 U	3.1 U	0.0064 U
cis-1,3-Dichloropropene	10061-01-5	NL	NL	0.0093 U	0.01 U	0.006 U	0.0058 U	0.0064 U	0.009 U	0.0067 U	0.006 U	3 U	0.006 U	0.006 U	0.0058 U	3.1 U	0.0064 U
Cyclohexane	110-82-7	NL	NL	0.0093 U	0.01 U	0.006 U	0.0058 U	0.0064 U	0.009 U	0.0067 U	0.006 U	3 U	0.006 U	0.006 U	0.0058 U	3.1 U	0.0064 U
Dibromochloromethane	124-48-1	NL	NL	0.0093 U	0.01 U	0.006 U	0.0058 U	0.0064 U	0.009 U	0.0067 U	0.006 U	3 U	0.006 U	0.006 U	0.0058 U	3.1 U	0.0064 U
Dichlorodifluoromethane	75-71-8	NL	NL	0.0093 U	0.01 U	0.006 U	0.0058 UJ	0.0064 U	0.009 U	0.0067 U	0.006 UJ	3 U	0.006 U	0.006 U	0.0058 U	3.1 UJ	0.0064 U
Isopropylbenzene	98-82-8	NL	NL	0.023 J	0.013 J	0.006 U	0.0058 U	0.0064 U	0.009 U	0.0067 U	0.006 U	1.9 J	0.006 U	0.006 U	0.0058 U	3.3	0.0064 U
Methyl acetate	79-20-9	NL	NL	0.0093 U	0.01 U	0.006 UJ	0.0058 UJ	0.0064 U	0.009 U	0.0067 UJ	0.006 U	3 U	0.006 U	0.006 U	0.0058 U	3.1 U	0.0064 U
Methyl tert-butyl ether	1634-04-4	100	500	0.0093 U	0.01 U	0.006 U	0.0058 U	0.0064 U	0.009 U	0.0067 U	0.006 U	3 U	0.006 U	0.006 U	0.0058 U	3.1 U	0.0064 U
Methylcyclohexane	108-87-2	NL	NL	0.0093 U	0.01 U	0.006 U	0.0058 U	0.0064 U	0.009 U	0.0067 U	0.006 U	3 U	0.006 U	0.006 U	0.0058 U	3.1 U	0.0064 U
Methylene chloride	75-09-2	100	500	0.0093 U	0.01 U	0.006 U	0.0058 U	0.0064 U	0.009 U	0.0067 U	0.006 U	3 U	0.006 U	0.006 U	0.0058 U	3.1 U	0.0064 U
Styrene	100-42-5	NL	NL	0.0093 U	0.01 U	0.006 U	0.0058 U	0.0064 U	0.009 U	0.0067 U	0.006 U	3 U	0.006 U	0.006 U	0.0058 U	3 J	0.0064 U
Tetrachloroethene	127-18-4	19	150	0.0093 U	0.01 U	0.006 U	0.0058 U	0.0064 U	0.009 U	0.0067 U	0.006 U	3 U	0.006 U	0.006 U	0.0058 U	3.1 U	0.0064 U
trans-1,2-Dichloroethene	156-60-5	100	500	0.0093 U	0.01 U	0.006 U	0.0058 U	0.0064 U	0.009 U	0.0067 U	0.006 U	3 U	0.006 U	0.006 U	0.0058 U	3.1 U	0.0064 U
trans-1,3-Dichloropropene	10061-02-6	NL	NL	0.0093 U	0.01 U	0.006 U	0.0058 U	0.0064 U	0.009 U	0.0067 U	0.006 U	3 U	0.006 U	0.006 U	0.0058 U	3.1 U	0.0064 U
Trichloroethene	79-01-6	21	200	0.0093 U	0.01 U	0.006 U	0.0058 U	0.0064 U	0.009 U	0.0067 U	0.006 U	3 U	0.006 U	0.006 U	0.0058 U	3.1 U	0.0064 U
Trichlorofluoromethane	75-69-4	NL	NL	0.0093 U	0.01 U	0.006 U	0.0058 U	0.0064 U	0.009 U	0.0067 U	0.006 U	3 U	0.006 U	0.006 U	0.0058 U	3.1 U	0.0064 U
Vinyl chloride	75-01-4	0.9	13	0.0093 U	0.01 U	0.006 U	0.0058 U	0.0064 U	0.009 U	0.0067 U	0.006 U	3 U	0.006 U	0.006 U	0.0058 U	3.1 U	0.0064 U
Total VOCs (mg/Kg) (Note 1)	NA	NL	NL	0.5683	0.7113	0.017	--- U	0.0152	0.033	0.00304	--- U	1.9	--- U	--- U	--- U	57.7	--- U

Notes:
NL = Not Listed
NA = Not Applicable
U = The material was analyzed for but not detected at or above the reporting limit. The associated numerical value is the sample quantitation limit.
J = The associated numerical value is an estimated quantity.
Bold value - compound detected at concentration greater than the Restricted Residential SCO.
Yellow Shading = Compound detected in concentration greater than the Commercial SCO.
NYSDEC Subpart 375-6, Remedial Program Soil Cleanup Objectives, December 14, 2006.
(Note 1) - Total VOCs includes all of the BTEX and other VOC compounds.

Table 5-1
Subsurface Soil VOC Results
Schenectady Clinton Street MGP Site

Location ID Sample Designation Sample Date Lab Sample ID	CAS #	NYSDEC Part 375-6 Restricted Residential Use Soil Cleanup Objectives	NYSDEC Part 375-6 Commercial Use Soil Cleanup Objectives	SB32 SB32(20-22.5) 10/15/2008 C8J160275005	SB32 SB32(42-47.5) 10/15/2008 C8J160275006	SB33 SB33(22.5-25) 10/22/2008 C8J290111003	SB33 SB33(35-37.5) 10/22/2008 C8J290111004	SB34 SB34(32.5-35) 10/21/2008 C8J290111001	SB34 SB34(42.5-45) 10/21/2008 C8J290111002	SB36 SB36(10-12) 10/9/2008 C8J110134003	SB36 SB36(17.5-20) 10/13/2008 C8J160275001	SB36 SB36(32.5-35) 10/13/2008 C8J160275002	SB37 SB37(11-12) 10/13/2008 C8J160275003	SB37 SB37(57.6-60) 10/14/2008 C8J160275004	SB38 SB38(22.5-25) 10/16/2008 C8J220183001	SB38 SB38(45-47.5) 10/16/2008 C8J220183002	SB39 SB39(32.5-35) 10/20/2008 C8J220183005
BTEX Compounds (mg/Kg)																	
Benzene	71-43-2	4.8	44	0.03 U	0.006 U	1.5 U	0.0058 U	1.5 U	0.0059 U	0.31 U	0.03 U	0.0058 U	0.021 J	0.006 U	0.61 U	0.006 U	0.03 U
Ethylbenzene	100-41-4	41	390	0.16	0.006 U	2.4	0.0058 U	3.2	0.0059 U	1.1	0.25	0.0058 U	1.2	0.006 U	1.5	0.006 U	1.3
Toluene	108-88-3	100	500	0.03 U	0.006 U	1.5 U	0.0058 U	1.5 U	0.0059 U	0.31 U	0.0067 J	0.0058 U	0.016 J	0.006 U	0.61 U	0.006 U	0.013 J
Xylenes (total)	1330-20-7	100	500	0.25	0.018 U	3.6 J	0.018 U	7.8	0.018 U	2.8	0.79	0.017 U	1.9	0.018 U	2.2	0.018 U	2.5
Total BTEX (mg/Kg)	NA	NL	NL	0.41	--- U	6	--- U	11	--- U	3.9	1.0467	--- U	3.137	--- U	3.7	--- U	3.813
Other VOCs (mg/Kg)																	
1,1,1-Trichloroethane	71-55-6	100	500	0.03 U	0.006 U	1.5 U	0.0058 U	1.5 U	0.0059 U	0.31 U	0.03 U	0.0058 U	0.032 U	0.006 U	0.61 U	0.006 U	0.03 U
1,1,2,2-Tetrachloroethane	79-34-5	NL	NL	0.03 U	0.006 U	1.5 U	0.0058 U	1.5 U	0.0059 U	0.31 U	0.03 U	0.0058 U	0.032 U	0.006 U	0.61 U	0.006 U	0.03 U
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	NL	NL	0.03 U	0.006 U	1.5 U	0.0058 U	1.5 U	0.0059 U	0.31 U	0.03 U	0.0058 U	0.032 U	0.006 U	0.61 U	0.006 U	0.03 U
1,1,2-Trichloroethane	79-00-5	NL	NL	0.03 U	0.006 U	1.5 U	0.0058 U	1.5 U	0.0059 U	0.31 U	0.03 U	0.0058 U	0.032 U	0.006 U	0.61 U	0.006 U	0.03 U
1,1-Dichloroethane	75-34-3	26	240	0.03 U	0.006 U	1.5 U	0.0058 U	1.5 U	0.0059 U	0.31 U	0.03 U	0.0058 U	0.032 U	0.006 U	0.61 U	0.006 U	0.03 U
1,1-Dichloroethene	75-35-4	100	500	0.03 U	0.006 U	1.5 U	0.0058 U	1.5 U	0.0059 U	0.31 U	0.03 U	0.0058 U	0.032 U	0.006 U	0.61 U	0.006 U	0.03 U
1,2,4-Trichlorobenzene	120-82-1	NL	NL	0.03 U	0.006 U	1.5 U	0.0058 UJ	1.5 U	0.0059 UJ	0.31 UJ	0.03 U	0.0058 U	0.032 U	0.006 U	0.61 U	0.006 U	0.03 U
1,2-Dibromo-3-chloropropane	96-12-8	NL	NL	0.03 U	0.006 U	1.5 U	0.0058 U	1.5 U	0.0059 U	0.31 U	0.03 U	0.0058 U	0.032 U	0.006 U	0.61 U	0.006 U	0.03 U
1,2-Dibromoethane	106-93-4	NL	NL	0.03 U	0.006 U	1.5 U	0.0058 U	1.5 U	0.0059 U	0.31 U	0.03 U	0.0058 U	0.032 U	0.006 U	0.61 U	0.006 U	0.03 U
1,2-Dichlorobenzene	95-50-1	100	500	0.03 U	0.006 U	1.5 U	0.0058 U	1.5 U	0.0059 U	0.31 U	0.03 U	0.0058 U	0.032 U	0.006 U	0.61 U	0.006 U	0.03 U
1,2-Dichloroethane	107-06-2	3.1	30	0.03 U	0.006 U	1.5 U	0.0058 U	1.5 U	0.0059 U	0.31 U	0.03 U	0.0058 U	0.032 U	0.006 U	0.61 U	0.006 U	0.03 U
1,2-Dichloropropane	78-87-5	NL	NL	0.03 U	0.006 U	1.5 U	0.0058 U	1.5 U	0.0059 U	0.31 U	0.03 U	0.0058 U	0.032 U	0.006 U	0.61 U	0.006 U	0.03 U
1,3-Dichlorobenzene	541-73-1	49	280	0.03 U	0.006 U	1.5 U	0.0058 U	1.5 U	0.0059 U	0.31 U	0.03 U	0.0058 U	0.032 U	0.006 U	0.61 U	0.006 U	0.03 U
1,4-Dichlorobenzene	106-46-7	13	130	0.03 U	0.006 U	1.5 U	0.0058 U	1.5 U	0.0059 U	0.31 U	0.03 U	0.0058 U	0.032 U	0.006 U	0.61 U	0.006 U	0.03 U
2-Butanone	78-93-3	100	500	0.03 U	0.006 U	1.5 U	0.0058 U	1.5 U	0.0059 U	0.31 UJ	0.03 U	0.0058 U	0.032 U	0.006 U	0.61 U	0.006 U	0.03 U
2-Hexanone	591-78-6	NL	NL	0.03 U	0.006 U	1.5 U	0.0058 U	1.5 U	0.0059 U	0.31 U	0.03 U	0.0058 U	0.032 U	0.006 U	0.61 U	0.006 U	0.03 U
4-Methyl-2-pentanone	108-10-1	NL	NL	0.03 U	0.006 U	1.5 U	0.0058 U	1.5 U	0.0059 U	0.31 U	0.03 U	0.0058 U	0.032 U	0.006 U	0.61 U	0.006 U	0.03 U
Acetone	67-64-1	100	500	0.12 U	0.024 U	5.9 U	0.023 U	5.9 U	0.023 UJ	1.3 UJ	0.12 U	0.023 U	0.13 U	0.024 U	2.4 U	0.024 UJ	0.12 UJ
Bromodichloromethane	75-27-4	NL	NL	0.03 U	0.006 U	1.5 U	0.0058 U	1.5 U	0.0059 U	0.31 U	0.03 U	0.0058 U	0.032 U	0.006 U	0.61 U	0.006 U	0.03 U
Bromoform	75-25-2	NL	NL	0.03 U	0.006 U	1.5 U	0.0058 U	1.5 U	0.0059 U	0.31 U	0.03 U	0.0058 U	0.032 U	0.006 U	0.61 U	0.006 U	0.03 U
Bromomethane	74-83-9	NL	NL	0.03 U	0.006 U	1.5 U	0.0058 U	1.5 U	0.0059 U	0.31 U	0.03 U	0.0058 U	0.032 U	0.006 U	0.61 U	0.006 U	0.03 U
Carbon disulfide	75-15-0	NL	NL	0.03 U	0.006 U	1.5 U	0.0058 U	1.5 U	0.0059 U	0.31 U	0.03 U	0.0058 U	0.032 U	0.006 U	0.61 U	0.006 U	0.03 U
Carbon tetrachloride	56-23-5	2.4	22	0.03 U	0.006 U	1.5 U	0.0058 U	1.5 U	0.0059 U	0.31 U	0.03 U	0.0058 U	0.032 U	0.006 U	0.61 U	0.006 U	0.03 U
Chlorobenzene	108-90-7	100	500	0.03 U	0.006 U	1.5 U	0.0058 U	1.5 U	0.0059 U	0.31 U	0.03 U	0.0058 U	0.032 U	0.006 U	0.61 U	0.006 U	0.03 U
Chloroethane	75-00-3	NL	NL	0.03 U	0.006 U	1.5 U	0.0058 U	1.5 U	0.0059 U	0.31 U	0.03 U	0.0058 U	0.032 U	0.006 U	0.61 U	0.006 U	0.03 U
Chloroform	67-66-3	49	350	0.03 U	0.006 U	1.5 U	0.0058 U	1.5 U	0.0059 U	0.31 U	0.03 U	0.0058 U	0.032 U	0.006 U	0.61 U	0.006 U	0.03 U
Chloromethane	74-87-3	NL	NL	0.03 U	0.006 U	1.5 U	0.0058 U	1.5 U	0.0059 U	0.31 U	0.03 U	0.0058 U	0.032 U	0.006 U	0.61 U	0.006 U	0.03 U
cis-1,2-Dichloroethene	156-59-2	100	500	0.03 U	0.006 U	1.5 U	0.0058 U	1.5 U	0.0059 U	0.31 U	0.03 U	0.0058 U	0.032 U	0.006 U	0.61 U	0.006 U	0.03 U
cis-1,3-Dichloropropene	10061-01-5	NL	NL	0.03 U	0.006 U	1.5 U	0.0058 U	1.5 U	0.0059 U	0.31 U	0.03 U	0.0058 U	0.032 U	0.006 U	0.61 U	0.006 U	0.03 U
Cyclohexane	110-82-7	NL	NL	0.03 U	0.006 U	1.5 U	0.0058 U	1.5 U	0.0059 U	0.31 U	0.03 U	0.0058 U	0.032 U	0.006 U	0.61 U	0.006 U	0.03 U
Dibromochloromethane	124-48-1	NL	NL	0.03 U	0.006 U	1.5 U	0.0058 U	1.5 U	0.0059 U	0.31 U	0.03 U	0.0058 U	0.032 U	0.006 U	0.61 U	0.006 U	0.03 U
Dichlorodifluoromethane	75-71-8	NL	NL	0.03 U	0.006 U	1.5 U	0.0058 U	1.5 U	0.0059 U	0.31 U	0.03 U	0.0058 U	0.032 U	0.006 U	0.61 UJ	0.006 U	0.03 U
Isopropylbenzene	98-82-8	NL	NL	0.046	0.006 U	0.8 J	0.0058 U	1.4 J	0.0059 U	0.78	0.096	0.0058 U	0.2	0.006 U	0.31 J	0.006 U	0.38
Methyl acetate	79-20-9	NL	NL	0.03 UJ	0.006 UJ	1.5 U	0.0058 U	1.5 U	0.0059 U	0.31 UJ	0.03 UJ	0.0058 UJ	0.032 UJ	0.006 UJ	0.61 U	0.006 U	0.03 U
Methyl tert-butyl ether	1634-04-4	100	500	0.03 U	0.006 U	1.5 U	0.0058 U	1.5 U	0.0059 U	0.31 U	0.03 U	0.0058 U	0.032 U	0.006 U	0.61 U	0.006 U	0.03 U
Methylcyclohexane	108-87-2	NL	NL	0.03 U	0.006 U	1.5 U	0.0058 U	1.5 U	0.0059 U	0.31 U	0.03 U	0.0058 U	0.032 U	0.006 U	0.61 U	0.006 U	0.03 U
Methylene chloride	75-09-2	100	500	0.03 U	0.006 U	1.5 U	0.0058 U	1.5 U	0.0059 U	0.31 U	0.03 U	0.0058 U	0.032 U	0.006 U	0.61 U	0.006 U	0.03 U
Styrene	100-42-5	NL	NL	0.03 U	0.006 U	1.5 U	0.0058 U	1.5 U	0.0059 U	0.31 U	0.03 U	0.0058 U	0.032 U	0.006 U	0.61 U	0.006 U	0.03 U
Tetrachloroethene	127-18-4	19	150	0.03 U	0.006 U	1.5 U	0.0058 U	1.5 U	0.0059 U	0.31 U	0.03 U	0.0058 U	0.032 U	0.006 U	0.61 U	0.006 U	0.03 U
trans-1,2-Dichloroethene	156-60-5	100	500	0.03 U	0.006 U	1.5 U	0.0058 U	1.5 U	0.0059 U	0.31 U	0.03 U	0.0058 U	0.032 U	0.006 U	0.61 U	0.006 U	0.03 U
trans-1,3-Dichloropropene	10061-02-6	NL	NL	0.03 U	0.006 U	1.5 U	0.0058 U	1.5 U	0.0059 U	0.31 U	0.03 U	0.0058 U	0.032 U	0.006 U	0.61 U	0.006 U	0.03 U
Trichloroethene	79-01-6	21	200	0.03 U	0.006 U	1.5 U	0.0058 U	1.5 U	0.0059 U	0.31 U	0.03 U	0.0058 U	0.032 U	0.006 U	0.61 U	0.006 U	0.03 U
Trichlorofluoromethane	75-69-4	NL	NL	0.03 U	0.006 U	1.5 U	0.0058 U	1.5 U	0.0059 U	0.31 U	0.03 U	0.0058 U	0.032 U	0.006 U	0.61 U	0.006 U	0.03 U
Vinyl chloride	75-01-4	0.9	13	0.03 U	0.006 U	1.5 U	0.0058 U	1.5 U	0.0059 U	0.31 U	0.03 U	0.0058 U	0.032 U	0.006 U	0.61 U	0.006 U	0.03 U
Total VOCs (mg/Kg) (Note 1)	NA	NL	NL	0.456	--- U	6.8	--- U	12.4	--- U	4.68	1.1427	--- U	3.337	--- U	4.01	--- U	4.193

Notes:
NL = Not Listed
NA = Not Applicable
U = The material was analyzed for but not detected at or above the reporting limit. The associated numerical value is the sample quantitation limit.
J = The associated numerical value is an estimated quantity.
Bold value - compound detected at concentration greater than the Restricted Residential SCO.
Yellow Shading = Compound detected in concentration greater than the Commercial SCO.
NYSDEC Subpart 375-6, Remedial Program Soil Cleanup Objectives, December 14, 2006.
(Note 1) - Total VOCs includes all of the BTEX and other VOC compounds.

Table 5-1
Subsurface Soil VOC Results
Schenectady Clinton Street MGP Site

Location ID Sample Designation Sample Date Lab Sample ID	CAS #	NYSDEC Part 375-6 Restricted Residential Use Soil Cleanup Objectives	NYSDEC Part 375-6 Commercial Use Soil Cleanup Objectives	SB39 SB39(47.5-50) 10/20/2008 C8J220183006	SB40 SB40(14-16) 10/9/2008 C8J110134001	SB40 SB40(50-52) 10/9/2008 C8J110134002	SB41 SB41(15-17) 10/8/2008 C8J100124003	SB41 SB4(20-22) 10/8/2008 C8J100124004	SB44 SB44(38-40) 11/5/2008 C8K070273003	SB44 SB440(38-40) DUPLICATE C8K070273004	SB44 SB44(52.5-55) 11/5/2008 C8K070273005	SB45 SB45(8-10) 10/6/2008 C8J100124001	SB45 SB45(20-22) 10/7/2008 C8J100124002	SB46 SB46(8-10) 7/24/2008 C8G260118002	SB46 SB46(74-76) 7/31/2008 C8H080154001	SB47 SB47(18-20.5) 11/4/2008 C8K070273001	SB47 SB47(38-40) 11/4/2008 C8K070273002
BTEX Compounds (mg/Kg)																	
Benzene	71-43-2	4.8	44	0.031 U	0.006 U	0.0059 U	0.0012 J	0.0065 U	15 U	15 U	0.0059 U	**47**	0.0018 J	1.5 U	0.0057 U	0.6	0.48
Ethylbenzene	100-41-4	41	390	0.031 U	0.0024 J	0.0059 U	0.015	0.0065 U	**300 J**	**180 J**	0.0059 U	3.5 J	0.0062 U	1.4 J	0.0057 U	0.28 J	0.21 J
Toluene	108-88-3	100	500	0.031 U	0.006 U	0.0059 U	0.0024 J	0.0065 U	9.7 J	5.7 J	0.0059 U	54	0.001 J	1.5 U	0.0057 U	0.33 U	0.31 U
Xylenes (total)	1330-20-7	100	500	0.092 U	0.0036 J	0.018 U	0.0031 J	0.02 U	**450 J**	**260 J**	0.018 U	72	0.019 U	2.8 J	0.017 U	0.25 J	0.21 J
Total BTEX (mg/Kg)	NA	NL	NL	--- U	0.006	--- U	0.0217	--- U	759.7	445.7	--- U	176.5	0.0028	4.2	--- U	1.13	0.9
Other VOCs (mg/Kg)																	
1,1,1-Trichloroethane	71-55-6	100	500	0.031 U	0.006 U	0.0059 U	0.0064 U	0.0065 U	15 U	15 U	0.0059 U	6 U	0.0062 U	1.5 U	0.0057 U	0.33 U	0.31 U
1,1,2,2-Tetrachloroethane	79-34-5	NL	NL	0.031 U	0.006 UJ	0.0059 U	0.0064 U	0.0065 U	15 U	15 U	0.0059 U	6 U	0.0062 U	1.5 U	0.0057 U	0.33 U	0.31 U
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	NL	NL	0.031 U	0.006 U	0.0059 U	0.0064 U	0.0065 U	15 U	15 U	0.0059 U	6 U	0.0062 U	1.5 U	0.0057 U	0.33 U	0.31 U
1,1,2-Trichloroethane	79-00-5	NL	NL	0.031 U	0.006 U	0.0059 U	0.0064 U	0.0065 U	15 U	15 U	0.0059 U	6 U	0.0062 U	1.5 U	0.0057 U	0.33 U	0.31 U
1,1-Dichloroethane	75-34-3	26	240	0.031 U	0.006 U	0.0059 U	0.0064 U	0.0065 U	15 U	15 U	0.0059 U	6 U	0.0062 U	1.5 U	0.0057 U	0.33 U	0.31 U
1,1-Dichloroethene	75-35-4	100	500	0.031 U	0.006 U	0.0059 U	0.0064 U	0.0065 U	15 U	15 U	0.0059 U	6 U	0.0062 U	1.5 U	0.0057 U	0.33 U	0.31 U
1,2,4-Trichlorobenzene	120-82-1	NL	NL	0.031 U	0.006 U	0.0059 U	0.0064 U	0.0065 U	15 U	15 U	0.0059 U	18 J	0.0062 U	1.5 U	0.0057 U	0.33 U	0.31 U
1,2-Dibromo-3-chloropropane	96-12-8	NL	NL	0.031 U	0.006 UJ	0.0059 U	0.0064 U	0.0065 U	15 U	15 U	0.0059 U	6 U	0.0062 U	1.5 U	0.0057 U	0.33 U	0.31 U
1,2-Dibromoethane	106-93-4	NL	NL	0.031 U	0.006 U	0.0059 U	0.0064 U	0.0065 U	15 U	15 U	0.0059 U	6 U	0.0062 U	1.5 U	0.0057 U	0.33 U	0.31 U
1,2-Dichlorobenzene	95-50-1	100	500	0.031 U	0.006 U	0.0059 U	0.0064 U	0.0065 U	15 U	15 U	0.0059 U	6 U	0.0062 U	1.5 U	0.0057 U	0.33 U	0.31 U
1,2-Dichloroethane	107-06-2	3.1	30	0.031 U	0.006 U	0.0059 U	0.0064 U	0.0065 U	15 U	15 U	0.0059 U	6 U	0.0062 U	1.5 U	0.0057 U	0.33 U	0.31 U
1,2-Dichloropropane	78-87-5	NL	NL	0.031 U	0.006 U	0.0059 U	0.0064 U	0.0065 U	15 U	15 U	0.0059 U	6 U	0.0062 U	1.5 U	0.0057 U	0.33 U	0.31 U
1,3-Dichlorobenzene	541-73-1	49	280	0.031 U	0.006 U	0.0059 U	0.0064 U	0.0065 U	15 U	15 U	0.0059 U	6 U	0.0062 U	1.5 U	0.0057 U	0.33 U	0.31 U
1,4-Dichlorobenzene	106-46-7	13	130	0.031 U	0.006 U	0.0059 U	0.0064 U	0.0065 U	15 U	15 U	0.0059 U	6 U	0.0062 U	1.5 U	0.0057 U	0.33 U	0.31 U
2-Butanone	78-93-3	100	500	0.031 U	0.006 UJ	0.0058 J	0.0064	0.0065 U	15 U	15 U	0.0059 U	6 UJ	0.0031 J	1.5 U	0.0057 U	0.33 U	0.31 U
2-Hexanone	591-78-6	NL	NL	0.031 U	0.006 UJ	0.0059 U	0.0064 U	0.0065 U	15 U	15 U	0.0059 U	6 U	0.0062 U	1.5 U	0.0057 U	0.33 U	0.31 U
4-Methyl-2-pentanone	108-10-1	NL	NL	0.031 U	0.006 UJ	0.0059 U	0.0064 U	0.0065 U	15 U	15 U	0.0059 U	6 U	0.0062 U	1.5 U	0.0057 U	0.33 U	0.31 U
Acetone	67-64-1	100	500	0.12 UJ	0.024 UJ	0.024 U	0.025 U	0.026 U	60 U	60 U	0.024 UJ	24 UJ	0.025 U	6.1 U	0.023 UJ	1.3 UJ	1.2 UJ
Bromodichloromethane	75-27-4	NL	NL	0.031 U	0.006 U	0.0059 U	0.0064 U	0.0065 U	15 U	15 U	0.0059 U	6 U	0.0062 U	1.5 U	0.0057 U	0.33 U	0.31 U
Bromoform	75-25-2	NL	NL	0.031 U	0.006 U	0.0059 U	0.0064 U	0.0065 U	15 U	15 U	0.0059 U	6 U	0.0062 U	1.5 U	0.0057 U	0.33 U	0.31 U
Bromomethane	74-83-9	NL	NL	0.031 U	0.006 U	0.0059 U	0.0064 U	0.0065 U	15 U	15 U	0.0059 U	6 U	0.0062 U	1.5 U	0.0057 U	0.33 U	0.31 U
Carbon disulfide	75-15-0	NL	NL	0.031 U	0.006 U	0.0059 U	0.0064 U	0.0065 U	15 U	15 U	0.0059 U	6 U	0.0062 U	1.5 U	0.0057 UJ	0.33 U	0.31 U
Carbon tetrachloride	56-23-5	2.4	22	0.031 U	0.006 U	0.0059 U	0.0064 U	0.0065 U	15 U	15 U	0.0059 U	6 U	0.0062 U	1.5 U	0.0057 U	0.33 U	0.31 U
Chlorobenzene	108-90-7	100	500	0.031 U	0.006 U	0.0059 U	0.0064 U	0.0065 U	15 U	15 U	0.0059 U	6 U	0.0062 U	1.5 U	0.0057 U	0.33 U	0.31 U
Chloroethane	75-00-3	NL	NL	0.031 U	0.006 U	0.0059 U	0.0064 U	0.0065 U	15 U	15 U	0.0059 U	6 U	0.0062 U	1.5 U	0.0057 U	0.33 U	0.31 U
Chloroform	67-66-3	49	350	0.031 U	0.006 U	0.0059 U	0.0064 U	0.0065 U	15 U	15 U	0.0059 U	6 U	0.0062 U	1.5 U	0.0057 U	0.33 U	0.31 U
Chloromethane	74-87-3	NL	NL	0.031 U	0.006 U	0.0059 U	0.0064 U	0.0065 U	15 U	15 U	0.0059 U	6 U	0.0062 U	1.5 U	0.0057 U	0.33 U	0.31 U
cis-1,2-Dichloroethene	156-59-2	100	500	0.031 U	0.006 U	0.0059 U	0.0064 U	0.0065 U	15 U	15 U	0.0059 U	6 U	0.0062 U	1.5 U	0.0057 U	0.33 U	0.31 U
cis-1,3-Dichloropropene	10061-01-5	NL	NL	0.031 U	0.006 U	0.0059 U	0.0064 U	0.0065 U	15 U	15 U	0.0059 U	6 U	0.0062 U	1.5 U	0.0057 U	0.33 U	0.31 U
Cyclohexane	110-82-7	NL	NL	0.031 U	0.006 U	0.0059 U	0.0064 U	0.0065 U	15 U	15 U	0.0059 U	6 U	0.0062 U	1.5 U	0.0057 U	0.33 U	0.31 U
Dibromochloromethane	124-48-1	NL	NL	0.031 U	0.006 U	0.0059 U	0.0064 U	0.0065 U	15 U	15 U	0.0059 U	6 U	0.0062 U	1.5 U	0.0057 U	0.33 U	0.31 U
Dichlorodifluoromethane	75-71-8	NL	NL	0.031 U	0.006 U	0.0059 U	0.0064 U	0.0065 U	15 U	15 U	0.0059 U	6 U	0.0062 U	1.5 U	0.0057 UJ	0.33 U	0.31 U
Isopropylbenzene	98-82-8	NL	NL	0.031 U	0.02	0.0059 U	0.029	0.0065 U	46 J	26 J	0.0059 U	6 U	0.0062 U	0.65 J	0.0057 U	0.33 U	0.31 U
Methyl acetate	79-20-9	NL	NL	0.031 U	0.006 UJ	0.0059 UJ	0.0064 U	0.0065 U	15 U	15 U	0.0059 U	6 UJ	0.0062 U	1.5 U	0.0057 U	0.33 U	0.31 U
Methyl tert-butyl ether	1634-04-4	100	500	0.031 U	0.006 U	0.0059 U	0.0064 U	0.0065 U	15 U	15 U	0.0059 U	6 U	0.0062 U	1.5 U	0.0057 U	0.33 U	0.31 U
Methylcyclohexane	108-87-2	NL	NL	0.031 U	0.0013 J	0.0059 U	0.0054 J	0.0065 U	1.7 J	15 U	0.0059 U	6 U	0.0062 U	3.8	0.0057 U	0.33 U	0.31 U
Methylene chloride	75-09-2	100	500	0.031 U	0.006 U	0.0059 U	0.0064 U	0.0065 U	15 U	15 U	0.0059 U	6 U	0.0062 U	1.5 U	0.0057 U	0.33 U	0.31 U
Styrene	100-42-5	NL	NL	0.031 U	0.006 U	0.0059 U	0.0064 U	0.0065 U	15 U	15 U	0.0059 U	19	0.0062 U	1.5 U	0.0057 U	0.33 U	0.31 U
Tetrachloroethene	127-18-4	19	150	0.031 U	0.006 U	0.0059 U	0.0064 U	0.0065 U	15 U	15 U	0.0059 U	6 U	0.0062 U	1.5 U	0.0057 U	0.33 U	0.31 U
trans-1,2-Dichloroethene	156-60-5	100	500	0.031 U	0.006 U	0.0059 U	0.0064 U	0.0065 U	15 U	15 U	0.0059 U	6 U	0.0062 U	1.5 U	0.0057 U	0.33 U	0.31 U
trans-1,3-Dichloropropene	10061-02-6	NL	NL	0.031 U	0.006 U	0.0059 U	0.0064 U	0.0065 U	15 U	15 U	0.0059 U	6 U	0.0062 U	1.5 U	0.0057 U	0.33 U	0.31 U
Trichloroethene	79-01-6	21	200	0.031 U	0.006 U	0.0059 U	0.0064 U	0.0065 U	15 U	15 U	0.0059 U	6 U	0.0062 U	1.5 U	0.0057 U	0.33 U	0.31 U
Trichlorofluoromethane	75-69-4	NL	NL	0.031 U	0.006 U	0.0059 UJ	0.0064 U	0.0065 U	15 U	15 U	0.0059 UJ	6 U	0.0062 U	1.5 U	0.0057 U	0.33 U	0.31 U
Vinyl chloride	75-01-4	0.9	13	0.031 U	0.006 U	0.0059 U	0.0064 U	0.0065 U	15 U	15 U	0.0059 U	6 U	0.0062 U	1.5 U	0.0057 U	0.33 U	0.31 U
Total VOCs (mg/Kg) (Note 1)	NA	NL	NL	--- U	0.0273	0.0058	0.0625	--- U	807.4	471.7	--- U	213.5	0.0059	8.65	--- U	1.13	0.9

Notes:
NL = Not Listed
NA = Not Applicable
U = The material was analyzed for but not detected at or above the reporting limit. The associated numerical value is the sample quantitation limit.
J = The associated numerical value is an estimated quantity.
Bold value - compound detected at concentration greater than the Restricted Residential SCO.
Yellow Shading = Compound detected in concentration greater than the Commercial SCO.
NYSDEC Subpart 375-6, Remedial Program Soil Cleanup Objectives, December 14, 2006.
(Note 1) - Total VOCs includes all of the BTEX and other VOC compounds.

Table 5-1
Subsurface Soil VOC Results
Schenectady Clinton Street MGP Site

Location ID Sample Designation Sample Date Lab Sample ID	CAS #	NYSDEC Part 375-6 Restricted Residential Use Soil Cleanup Objectives	NYSDEC Part 375-6 Commercial Use Soil Cleanup Objectives	SB49 SB49(8-10) 8/1/2008 C8H080154002	SB49 SB49(22-24) 8/1/2008 C8H080154003	SB49 SB49(28-30) 8/1/2008 C8H080154004	SB49 SB49(72-74) 8/4/2008 C8H080154005	SB50 SB50(14.5-15) 7/17/2008 C8G220214001	SB50 SB50(22-24) 7/17/2008 C8G220214002	SB50 SB50(24-26) 7/17/2008 C8G220214003	SB50 SB50(80-81) 7/22/2008 C8G260118001	SB51 SB51(23.5-25.5) 9/2/2008 C8I060176001	SB53 SB53(25-26) 12/8/2008 C8L110357003	SB54 SB54(11-12) 12/9/2008 C8L110357004	SB56 SB56(11-12) 12/9/2008 C8L110357005	SB57 SB57(11-12) 12/9/2008 C8L110357006	SB59 SB59(15-16) 12/9/2008 C8L110357007	SB59 SB59(23-24) 12/9/2008 C8L110357008
BTEX Compounds (mg/Kg)																		
Benzene	71-43-2	4.8	44	0.0075 U	**9.8**	**13**	0.0056 U	0.0063 U	0.042	0.006 U	0.0059 U	3.4	0.0058 U	0.0061 U	0.0062 U	0.006 U	0.3 U	0.006 U
Ethylbenzene	100-41-4	41	390	0.0075 U	0.49	0.34 U	0.0056 U	0.043	0.2	0.006 U	0.0059 U	0.34 U	0.0058 U	0.0061 U	0.0062 U	0.006 U	0.3 U	0.006 U
Toluene	108-88-3	100	500	0.0075 U	0.37 U	0.34 U	0.0056 U	0.0011 J	0.0058 J	0.006 U	0.0059 U	0.34 U	0.0058 U	0.0017 J	0.0062 U	0.006 U	0.3 U	0.0014 J
Xylenes (total)	1330-20-7	100	500	0.023 U	0.66 J	1 U	0.017 U	0.0051 J	0.2	0.018 U	0.018 U	1 U	0.018 U	0.0031 J	0.019 U	0.018 U	0.9 U	0.018 U
Total BTEX (mg/Kg)	NA	NL	NL	--- U	10.95	13	--- U	0.0492	0.4478	--- U	--- U	3.4	--- U	0.0048	--- U	--- U	--- U	0.0014
Other VOCs (mg/Kg)																		
1,1,1-Trichloroethane	71-55-6	100	500	0.0075 U	0.37 U	0.34 U	0.0056 U	0.0063 U	0.0066 U	0.006 U	0.0059 U	0.34 U	0.0058 U	0.0061 U	0.0062 U	0.006 U	0.3 U	0.006 U
1,1,2,2-Tetrachloroethane	79-34-5	NL	NL	0.0075 U	0.37 U	0.34 U	0.0056 U	0.0063 U	0.0066 U	0.006 U	0.0059 U	0.34 U	0.0058 U	0.0061 U	0.0062 U	0.006 U	0.3 U	0.006 U
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	NL	NL	0.0075 U	0.37 U	0.34 U	0.0056 U	0.0063 U	0.0066 U	0.006 U	0.0059 U	0.34 U	0.0058 U	0.0061 U	0.0062 U	0.006 U	0.3 U	0.006 U
1,1,2-Trichloroethane	79-00-5	NL	NL	0.0075 U	0.37 U	0.34 U	0.0056 U	0.0063 U	0.0066 U	0.006 U	0.0059 U	0.34 U	0.0058 U	0.0061 U	0.0062 U	0.006 U	0.3 U	0.006 U
1,1-Dichloroethane	75-34-3	26	240	0.0075 U	0.37 U	0.34 U	0.0056 U	0.0063 U	0.0066 U	0.006 U	0.0059 U	0.34 U	0.0058 U	0.0061 U	0.0062 U	0.006 U	0.3 U	0.006 U
1,1-Dichloroethene	75-35-4	100	500	0.0075 U	0.37 U	0.34 U	0.0056 U	0.0063 U	0.0066 U	0.006 U	0.0059 U	0.34 U	0.0058 U	0.0061 U	0.0062 U	0.006 U	0.3 U	0.006 U
1,2,4-Trichlorobenzene	120-82-1	NL	NL	0.0075 U	0.37 U	0.34 U	0.0056 U	0.0063 U	0.0066 U	0.006 U	0.0059 U	0.34 U	0.0058 U	0.0061 U	0.0062 U	0.006 U	0.3 U	0.006 U
1,2-Dibromo-3-chloropropane	96-12-8	NL	NL	0.0075 U	0.37 U	0.34 U	0.0056 U	0.0063 U	0.0066 U	0.006 U	0.0059 U	0.34 U	0.0058 UJ	0.0061 UJ	0.0062 UJ	0.006 UJ	0.3 U	0.006 U
1,2-Dibromoethane	106-93-4	NL	NL	0.0075 U	0.37 U	0.34 U	0.0056 U	0.0063 U	0.0066 U	0.006 U	0.0059 U	0.34 U	0.0058 U	0.0061 U	0.0062 U	0.006 U	0.3 U	0.006 U
1,2-Dichlorobenzene	95-50-1	100	500	0.0075 U	0.37 U	0.34 U	0.0056 U	0.0063 U	0.0066 U	0.006 U	0.0059 U	0.34 U	0.0058 U	0.0061 U	0.0062 U	0.006 U	0.3 U	0.006 U
1,2-Dichloroethane	107-06-2	3.1	30	0.0075 U	0.37 U	0.34 U	0.0056 U	0.0063 U	0.0066 U	0.006 U	0.0059 U	0.34 U	0.0058 U	0.0061 U	0.0062 U	0.006 U	0.3 U	0.006 U
1,2-Dichloropropane	78-87-5	NL	NL	0.0075 U	0.37 U	0.34 U	0.0056 U	0.0063 U	0.0066 U	0.006 U	0.0059 U	0.34 U	0.0058 U	0.0061 U	0.0062 U	0.006 U	0.3 U	0.006 U
1,3-Dichlorobenzene	541-73-1	49	280	0.0075 U	0.37 U	0.34 U	0.0056 U	0.0063 U	0.0066 U	0.006 U	0.0059 U	0.34 U	0.0058 U	0.0061 U	0.0062 U	0.006 U	0.3 U	0.006 U
1,4-Dichlorobenzene	106-46-7	13	130	0.0075 U	0.37 U	0.34 U	0.0056 U	0.0063 U	0.0066 U	0.006 U	0.0059 U	0.34 U	0.0058 U	0.0061 U	0.0062 U	0.006 U	0.3 U	0.006 U
2-Butanone	78-93-3	100	500	0.0075 U	0.37 U	0.34 U	0.0056 U	0.012	0.0066 U	0.006 U	0.0059 U	0.34 U	0.0058 U	0.0061 U	0.0062 U	0.006 U	0.3 U	0.006 U
2-Hexanone	591-78-6	NL	NL	0.0075 U	0.37 U	0.34 U	0.0056 U	0.0063 U	0.0066 U	0.006 U	0.0059 U	0.34 U	0.0058 U	0.0061 U	0.0062 U	0.006 U	0.3 U	0.006 U
4-Methyl-2-pentanone	108-10-1	NL	NL	0.0075 U	0.37 U	0.34 U	0.0056 U	0.0063 U	0.0066 U	0.006 U	0.0059 U	0.34 U	0.0058 U	0.0061 U	0.0062 U	0.006 U	0.3 U	0.006 U
Acetone	67-64-1	100	500	0.03 U	1.5 U	1.4 U	0.023 UJ	0.043 U	0.03 U	0.024 U	0.072 U	1.3 U	0.023 UJ	0.024 UJ	0.025 UJ	0.024 UJ	1.2 U	0.024 UJ
Bromodichloromethane	75-27-4	NL	NL	0.0075 U	0.37 U	0.34 U	0.0056 U	0.0063 U	0.0066 U	0.006 U	0.0059 U	0.34 U	0.0058 U	0.0061 U	0.0062 U	0.006 U	0.3 U	0.006 U
Bromoform	75-25-2	NL	NL	0.0075 U	0.37 U	0.34 U	0.0056 U	0.0063 U	0.0066 U	0.006 U	0.0059 U	0.34 U	0.0058 U	0.0061 U	0.0062 U	0.006 U	0.3 U	0.006 U
Bromomethane	74-83-9	NL	NL	0.0075 U	0.37 U	0.34 U	0.0056 U	0.0063 U	0.0066 U	0.006 U	0.0059 U	0.34 U	0.0058 U	0.0061 U	0.0062 U	0.006 U	0.3 U	0.006 U
Carbon disulfide	75-15-0	NL	NL	0.0075 UJ	0.37 U	0.34 U	0.0056 UJ	0.0063 U	0.0066 U	0.006 U	0.0059 U	0.34 U	0.0058 U	0.0061 U	0.0062 U	0.006 U	0.3 U	0.006 U
Carbon tetrachloride	56-23-5	2.4	22	0.0075 U	0.37 U	0.34 U	0.0056 U	0.0063 U	0.0066 U	0.006 U	0.0059 U	0.34 U	0.0058 U	0.0061 U	0.0062 U	0.006 U	0.3 U	0.006 U
Chlorobenzene	108-90-7	100	500	0.0075 U	0.37 U	0.34 U	0.0056 U	0.0063 U	0.0066 U	0.006 U	0.0059 U	0.34 U	0.0058 U	0.0061 U	0.0062 U	0.006 U	0.3 U	0.006 U
Chloroethane	75-00-3	NL	NL	0.0075 U	0.37 U	0.34 U	0.0056 U	0.0063 UJ	0.0066 UJ	0.006 UJ	0.0059 UJ	0.34 U	0.0058 U	0.0061 U	0.0062 U	0.006 U	0.3 U	0.006 U
Chloroform	67-66-3	49	350	0.0075 U	0.37 U	0.34 U	0.0056 U	0.0063 U	0.0066 U	0.006 U	0.0059 U	0.34 U	0.0058 U	0.0061 U	0.0062 U	0.006 U	0.3 U	0.006 U
Chloromethane	74-87-3	NL	NL	0.0075 U	0.37 U	0.34 U	0.0056 U	0.0063 U	0.0066 U	0.006 U	0.0059 U	0.34 U	0.0058 U	0.0061 U	0.0062 U	0.006 U	0.3 U	0.006 U
cis-1,2-Dichloroethene	156-59-2	100	500	0.0075 U	0.37 U	0.34 U	0.0056 U	0.0063 U	0.0066 U	0.006 U	0.0059 U	0.34 U	0.0058 U	0.0061 U	0.0062 U	0.006 U	0.3 U	0.006 U
cis-1,3-Dichloropropene	10061-01-5	NL	NL	0.0075 U	0.37 U	0.34 U	0.0056 U	0.0063 U	0.0066 U	0.006 U	0.0059 U	0.34 U	0.0058 U	0.0061 U	0.0062 U	0.006 U	0.3 U	0.006 U
Cyclohexane	110-82-7	NL	NL	0.0075 U	0.37 U	0.34 U	0.0056 U	0.0063 U	0.0066 U	0.006 U	0.0059 U	0.34 U	0.0058 U	0.0061 U	0.0062 U	0.006 U	0.3 U	0.006 U
Dibromochloromethane	124-48-1	NL	NL	0.0075 U	0.37 U	0.34 U	0.0056 U	0.0063 U	0.0066 UJ	0.006 U	0.0059 U	0.34 U	0.0058 U	0.0061 U	0.0062 U	0.006 U	0.3 U	0.006 U
Dichlorodifluoromethane	75-71-8	NL	NL	0.0075 UJ	0.37 U	0.34 U	0.0056 UJ	0.0063 U	0.0066 U	0.006 U	0.0059 U	0.34 U	0.0058 U	0.0061 U	0.0062 U	0.006 U	0.3 U	0.006 U
Isopropylbenzene	98-82-8	NL	NL	0.0075 U	0.37 U	0.34 U	0.0056 U	0.011	0.0071	0.006 U	0.0059 U	0.34 U	0.0058 U	0.0061 U	0.0062 U	0.006 U	0.3 U	0.006 U
Methyl acetate	79-20-9	NL	NL	0.0075 U	0.11 J	0.095 J	0.0056 U	0.0063 U	0.0066 U	0.006 U	0.0059 U	0.34 U	0.0058 U	0.0061 U	0.0062 U	0.006 U	0.3 U	0.006 U
Methyl tert-butyl ether	1634-04-4	100	500	0.0075 U	0.37 U	0.34 U	0.0056 U	0.0063 U	0.0066 U	0.006 U	0.0059 U	0.34 U	0.0058 U	0.0061 U	0.0062 U	0.006 U	0.3 U	0.006 U
Methylcyclohexane	108-87-2	NL	NL	0.0075 U	0.37 U	0.34 U	0.0056 U	0.0063 U	0.0066 U	0.006 U	0.0059 U	0.34 U	0.0058 U	0.0061 U	0.0062 U	0.006 U	0.3 U	0.006 U
Methylene chloride	75-09-2	100	500	0.0075 U	0.37 U	0.34 U	0.0056 U	0.0063 U	0.0066 U	0.006 U	0.24 U	0.34 U	0.0058 U	0.0061 U	0.0062 U	0.006 U	0.3 U	0.006 U
Styrene	100-42-5	NL	NL	0.0075 U	0.37 U	0.34 U	0.0056 U	0.0063 U	0.0066 U	0.006 U	0.0059 U	0.34 U	0.0058 U	0.0061 U	0.0062 U	0.006 U	0.3 U	0.006 U
Tetrachloroethene	127-18-4	19	150	0.0075 U	0.37 U	0.34 U	0.0056 U	0.0063 U	0.0066 UJ	0.006 U	0.0059 U	0.34 U	0.0058 U	0.0061 U	0.0062 U	0.006 U	0.3 U	0.006 U
trans-1,2-Dichloroethene	156-60-5	100	500	0.0075 U	0.37 U	0.34 U	0.0056 U	0.0063 U	0.0066 U	0.006 U	0.0059 U	0.34 U	0.0058 U	0.0061 U	0.0062 U	0.006 U	0.3 U	0.006 U
trans-1,3-Dichloropropene	10061-02-6	NL	NL	0.0075 U	0.37 U	0.34 U	0.0056 U	0.0063 U	0.0066 U	0.006 U	0.0059 U	0.34 U	0.0058 U	0.0061 U	0.0062 U	0.006 U	0.3 U	0.006 U
Trichloroethene	79-01-6	21	200	0.0075 U	0.37 U	0.34 U	0.0056 U	0.0063 U	0.0066 U	0.006 U	0.0059 U	0.34 U	0.0058 U	0.0061 U	0.0062 U	0.006 U	0.3 U	0.006 U
Trichlorofluoromethane	75-69-4	NL	NL	0.0075 U	0.37 U	0.34 U	0.0056 U	0.0063 U	0.0066 UJ	0.006 U	0.0059 U	0.34 U	0.0058 U	0.0061 U	0.0062 U	0.006 U	0.3 U	0.006 U
Vinyl chloride	75-01-4	0.9	13	0.0075 U	0.37 U	0.34 U	0.0056 U	0.0063 U	0.0066 U	0.006 U	0.0059 U	0.34 U	0.0058 U	0.0061 U	0.0062 U	0.006 U	0.3 U	0.006 U
Total VOCs (mg/Kg) (Note 1)	NA	NL	NL	--- U	11.06	13.095	--- U	0.0722	0.4549	--- U	--- U	3.4	--- U	0.0048	--- U	--- U	--- U	0.0014

Notes:
NL = Not Listed
NA = Not Applicable
U = The material was analyzed for but not detected at or above the reporting limit. The associated numerical value is the sample quantitation limit.
J = The associated numerical value is an estimated quantity.
Bold value - compound detected at concentration greater than the Restricted Residential SCO.
Yellow Shading = Compound detected in concentration greater than the Commercial SCO.
NYSDEC Subpart 375-6, Remedial Program Soil Cleanup Objectives, December 14, 2006.
(Note 1) - Total VOCs includes all of the BTEX and other VOC compounds.

Table 5-2
Subsurface Soil SVOC Results
Schenectady Clinton Street MGP Site

Location ID Sample Designation Sample Date Lab Sample ID	CAS #	NYSDEC Part 375-6 Restricted Residential Use Soil Cleanup Objectives	NYSDEC Part 375-6 Commercial Use Soil Cleanup Objectives	TP6 TP6(7)(HORZ 15) 11/1/2006 C6K030390002	TP7 TP7S(7.5)(HORZ 0-10) 10/31/2006 C6K030390001	TP10 TP10(29)E(8-8.5) 7/14/2008 C8G160152001	TP10 TP10(31)E(8-8.5) 7/14/2008 C8G160152002	TP11 TP11(50)E(8-8.5) 7/14/2008 C8G160152003	TP12 TP12(5)W(8-8.5) 7/15/2008 C8G160152004	TP12 TP12(17)W(10.5-11) 7/15/2008 C8G160152005	SB10 SB10(10.5-11.5) 11/7/2006 C6K080197007	SB10 SB10(28-30) 11/7/2006 C6K080197008	SB11 SB11(20-22) 11/7/2006 C6K080197005	SB11 SB11(38-40) 11/7/2006 C6K080197006	SB12 SB12(25-26) 11/8/2006 C6K100374001	SB12 SB12(38-40) 11/8/2006 C6K100374002	SB13 SB-13(10-11) 11/1/2006 C6K030390003
PAH Compounds (mg/Kg)																	
2-Methylnaphthalene	91-57-6	NL	NL	0.62 J	0.53 J	0.091 J	0.081 J	0.16 J	0.57 J	0.12 J	0.39 U	0.42 U	0.46 U	0.015 J	0.48 U	0.41 U	0.42 U
Acenaphthene	83-32-9	100	500	6.1 J	3.1 J	1.5 U	0.063 J	0.16 J	4.4	0.14 J	0.024 J	0.42 U	0.46 U	0.0088 J	0.48 U	0.41 U	0.42 U
Acenaphthylene	208-96-8	100	500	12 J	6.9 J	0.28 J	0.16 J	0.28 J	4.4	0.043 J	0.39 U	0.42 U	0.46 U	0.029 J	0.48 U	0.41 U	0.42 U
Anthracene	120-12-7	100	500	28	7.3 J	0.49 J	0.33 J	0.6	13	0.089 J	0.026 J	0.42 U	0.46 U	0.068 J	0.48 U	0.41 U	0.42 U
Benzo(a)anthracene	56-55-3	1	5.6	**39**	**34**	**2.7**	**1.9**	**1.8**	**35**	0.15 J	0.052 J	0.42 U	0.46 U	0.2 J	0.48 U	0.41 U	0.42 U
Benzo(a)pyrene	50-32-8	1	1	**27**	**45**	**2.9**	**1.9**	**1.5**	**27**	0.15 J	0.043 J	0.42 U	0.46 U	0.12 J	0.48 U	0.41 U	0.42 U
Benzo(b)fluoranthene	205-99-2	1	5.6	**27**	**49**	**4.1**	**2.8**	**2.3**	**40**	0.24 J	0.044 J	0.42 U	0.46 U	0.12 J	0.48 U	0.41 U	0.42 U
Benzo(ghi)perylene	191-24-2	100	500	9.3 J	23	1.5	1.1	0.95	15	0.14 J	0.041 J	0.42 U	0.46 U	0.074 J	0.48 U	0.41 U	0.42 U
Benzo(k)fluoranthene	207-08-9	3.9	56	**12 J**	**16 J**	1.5 U	0.38 U	0.41 U	2.2 U	0.41 U	0.018 J	0.42 U	0.46 U	0.052 J	0.48 U	0.41 U	0.42 U
Chrysene	218-01-9	3.9	56	**34**	**27**	2.3	1.8	1.8	**29**	0.16 J	0.055 J	0.42 U	0.46 U	0.16 J	0.48 U	0.41 U	0.42 U
Dibenz(a,h)anthracene	53-70-3	0.33	0.56	**3.9 J**	**6.4 J**	**0.4 J**	0.21 J	0.25 J	**4.3**	0.41 U	0.39 U	0.42 U	0.46 UJ	0.029 J	0.48 U	0.41 U	0.42 U
Fluoranthene	206-44-0	100	500	71	62	4.1	3	3.5	63	0.31 J	0.086 J	0.42 U	0.46 U	0.28 J	0.48 U	0.41 U	0.42 U
Fluorene	86-73-7	100	500	25	6.1 J	0.2 J	0.092 J	0.27 J	22	0.12 J	0.019 J	0.42 U	0.46 U	0.023 J	0.48 U	0.41 U	0.42 U
Indeno(1,2,3-cd)pyrene	193-39-5	.5	5.6	**9.6 J**	**24**	**1.3 J**	**1**	**0.84**	**15**	0.11 J	0.044 J	0.42 U	0.46 UJ	0.079 J	0.48 U	0.41 U	0.42 U
Naphthalene	91-20-3	100	500	2.4 J	1.9 J	0.18 J	0.11 J	0.29 J	2.1 J	0.84	0.39 U	0.42 U	0.46 U	0.032 J	0.48 U	0.41 U	0.42 U
Phenanthrene	85-01-8	100	500	53	6.8 J	1.4 J	1.1	3	5.4	0.27 J	0.054 J	0.42 U	0.46 U	0.18 J	0.48 U	0.41 U	0.42 U
Pyrene	129-00-0	100	500	52	47	3.6	2.6	3.2	54	0.27 J	0.12 J	0.42 U	0.46 U	0.28 J	0.48 U	0.41 U	0.42 U
Total PAHs (mg/Kg)	NA	NL	NL	411.92	366.03	25.541	18.246	20.9	334.17	3.152	0.626	--- U	--- U	1.7498	--- U	--- U	--- U
Other SVOCs (mg/Kg)																	
1,1'-Biphenyl	92-52-4	NL	NL	16 U	21 U	1.5 U	0.38 U	0.043 J	0.26 J	0.047 J	0.39 U	0.42 U	0.46 U	0.37 U	0.48 U	0.41 U	0.42 U
2,2'-oxybis(1-Chloropropane)	108-60-1	NL	NL	16 U	21 U	1.5 U	0.38 U	0.41 U	2.2 U	0.41 U	0.39 UJ	0.42 UJ	0.46 U	0.37 UJ	0.48 U	0.41 U	0.42 U
2,4,5-Trichlorophenol	95-95-4	NL	NL	16 U	21 U	1.5 U	0.38 U	0.41 U	2.2 U	0.41 U	0.39 U	0.42 U	0.46 U	0.37 U	0.48 U	0.41 U	0.42 U
2,4,6-Trichlorophenol	88-06-2	NL	NL	16 U	21 U	1.5 U	0.38 U	0.41 U	2.2 U	0.41 U	0.39 U	0.42 U	0.46 U	0.37 U	0.48 U	0.41 U	0.42 U
2,4-Dichlorophenol	120-83-2	NL	NL	16 U	21 U	1.5 U	0.38 U	0.41 U	2.2 U	0.41 U	0.39 U	0.42 U	0.46 U	0.37 U	0.48 U	0.41 U	0.42 U
2,4-Dimethylphenol	105-67-9	NL	NL	16 U	21 U	1.5 U	0.38 U	0.41 U	2.2 U	0.41 U	0.39 U	0.42 U	0.46 U	0.37 U	0.48 U	0.41 U	0.42 U
2,4-Dinitrophenol	51-28-5	NL	NL	77 U	100 U	7.3 U	1.9 U	2 U	11 U	2 U	1.9 U	2.1 U	2.2 U	1.8 U	2.3 UJ	2 UJ	2 U
2,4-Dinitrotoluene	121-14-2	NL	NL	16 U	21 U	1.5 U	0.38 U	0.41 U	2.2 U	0.41 U	0.39 U	0.42 U	0.46 U	0.37 U	0.48 U	0.41 U	0.42 U
2,6-Dinitrotoluene	606-20-2	NL	NL	16 U	21 U	1.5 U	0.38 U	0.41 U	2.2 U	0.41 U	0.39 U	0.42 U	0.46 U	0.37 U	0.48 U	0.41 U	0.42 U
2-Chloronaphthalene	91-58-7	NL	NL	16 U	21 U	1.5 U	0.38 U	0.41 U	2.2 U	0.41 U	0.39 U	0.42 U	0.46 U	0.37 U	0.48 U	0.41 U	0.42 U
2-Chlorophenol	95-57-8	NL	NL	16 U	21 U	1.5 U	0.38 U	0.41 U	2.2 U	0.41 U	0.39 U	0.42 U	0.46 U	0.37 U	0.48 U	0.41 U	0.42 U
2-Methylphenol	95-48-7	100	500	16 U	21 U	1.5 U	0.38 U	0.41 U	2.2 U	0.41 U	0.39 U	0.42 U	0.46 U	0.37 U	0.48 U	0.41 U	0.42 U
2-Nitroaniline	88-74-4	NL	NL	77 U	100 U	7.3 U	1.9 U	2 U	11 U	2 U	1.9 U	2.1 U	2.2 U	1.8 U	2.3 U	2 U	2 U
2-Nitrophenol	88-75-5	NL	NL	16 U	21 U	1.5 U	0.38 U	0.41 U	2.2 U	0.41 U	0.39 U	0.42 U	0.46 U	0.37 U	0.48 U	0.41 U	0.42 U
3,3'-Dichlorobenzidine	91-94-1	NL	NL	77 U	100 U	7.3 U	1.9 U	2 U	11 U	2 U	1.9 U	2.1 U	2.2 U	1.8 U	2.3 U	2 U	2 U
3-Nitroaniline	99-09-2	NL	NL	77 U	100 U	7.3 U	1.9 U	2 U	11 U	2 U	1.9 U	2.1 U	2.2 U	1.8 U	2.3 U	2 U	2 U
4,6-Dinitro-2-methylphenol	534-52-1	NL	NL	77 U	100 U	7.3 U	1.9 U	2 U	11 U	2 U	1.9 U	2.1 U	2.2 U	1.8 U	2.3 UJ	2 UJ	2 U
4-Bromophenyl phenyl ether	101-55-3	NL	NL	16 U	21 U	1.5 U	0.38 U	0.41 U	2.2 U	0.41 U	0.39 U	0.42 U	0.46 U	0.37 U	0.48 U	0.41 U	0.42 U
4-Chloro-3-methylphenol	59-50-7	NL	NL	16 U	21 U	1.5 U	0.38 U	0.41 U	2.2 U	0.41 U	0.39 U	0.42 U	0.46 U	0.37 U	0.48 U	0.41 U	0.42 U
4-Chloroaniline	106-47-8	NL	NL	16 U	21 U	1.5 U	0.38 U	0.41 U	2.2 U	0.41 U	0.39 U	0.42 U	0.46 U	0.37 U	0.48 U	0.41 U	0.42 U
4-Chlorophenyl phenyl ether	7005-72-3	NL	NL	16 U	21 U	1.5 U	0.38 U	0.41 U	2.2 U	0.41 U	0.39 U	0.42 U	0.46 U	0.37 U	0.48 U	0.41 U	0.42 U
4-Methylphenol	106-44-5	100	500	16 U	21 U	1.5 U	0.38 U	0.41 U	2.2 U	0.41 U	0.39 U	0.42 U	0.46 U	0.37 U	0.48 U	0.41 U	0.42 U
4-Nitroaniline	100-01-6	NL	NL	77 U	100 U	7.3 U	1.9 U	2 U	11 U	2 U	1.9 U	2.1 U	2.2 U	1.8 U	2.3 U	2 U	2 U
4-Nitrophenol	100-02-7	NL	NL	77 U	100 U	7.3 U	1.9 U	2 U	11 U	2 U	1.9 U	2.1 U	2.2 U	1.8 U	2.3 U	2 U	2 U
Acetophenone	98-86-2	NL	NL	16 U	21 U	1.5 U	0.38 U	0.41 U	2.2 U	0.41 U	0.39 U	0.42 U	0.46 U	0.37 U	0.48 U	0.41 U	0.42 U
Atrazine	1912-24-9	NL	NL	16 U	21 U	1.5 U	0.38 U	0.41 U	2.2 U	0.41 U	0.39 U	0.42 U	0.46 U	0.37 U	0.48 U	0.41 U	0.42 U
Benzaldehyde	100-52-7	NL	NL	16 U	21 U	1.5 UJ	0.38 UJ	0.41 UJ	2.2 UJ	0.41 UJ	0.39 U	0.42 U	0.46 U	0.37 U	0.48 UJ	0.41 UJ	0.42 U
bis(2-Chloroethoxy)methane	111-91-1	NL	NL	16 U	21 U	1.5 U	0.38 U	0.41 U	2.2 U	0.41 U	0.39 U	0.42 U	0.46 U	0.37 U	0.48 U	0.41 U	0.42 U
bis(2-Chloroethyl) ether	111-44-4	NL	NL	16 U	21 U	1.5 U	0.38 U	0.41 U	2.2 U	0.41 U	0.39 U	0.42 U	0.46 U	0.37 U	0.48 U	0.41 U	0.42 U
bis(2-Ethylhexyl) phthalate	117-81-7	NL	NL	16 U	21 U	1.5 U	0.38 U	0.41 U	2.2 U	0.41 U	0.39 U	0.42 U	0.46 U	0.37 U	0.48 U	0.41 U	0.42 U
Butyl benzyl phthalate	85-68-7	NL	NL	16 U	21 U	1.5 U	0.38 U	0.41 U	2.2 U	0.41 U	0.39 U	0.42 U	0.46 U	0.37 U	0.018 J	0.018 J	0.42 U
Caprolactam	105-60-2	NL	NL	16 U	21 U	1.5 U	0.38 U	0.41 U	2.2 U	0.41 U	0.39 U	0.42 U	0.46 U	0.37 U	0.48 U	0.41 U	0.42 U
Carbazole	86-74-8	NL	NL	6.4 J	1.6 J	0.065 J	0.097 J	0.33 J	5.8	0.044 J	0.39 U	0.42 U	0.46 U	0.37 U	0.48 U	0.41 U	0.42 U
Dibenzofuran	132-64-9	59	350	11 J	5 J	0.15 J	0.073 J	0.18 J	14	0.067 J	0.013 J	0.42 U	0.46 U	0.014 J	0.48 U	0.41 U	0.42 U
Diethyl phthalate	131-11-3	NL	NL	16 U	21 U	1.5 U	0.38 U	0.41 U	2.2 U	0.41 U	0.39 U	0.42 U	0.46 U	0.37 U	0.48 U	0.41 U	0.42 U
Dimethyl phthalate	84-66-2	NL	NL	16 U	21 U	1.5 U	0.38 U	0.41 U	2.2 U	0.41 U	0.39 U	0.42 U	0.46 U	0.37 U	0.48 U	0.41 U	0.42 U
Di-n-butyl phthalate	84-74-2	NL	NL	16 U	21 U	1.5 U	0.38 U	0.41 U	2.2 U	0.41 U	0.39 U	0.42 U	0.46 U	0.37 U	0.48 U	0.41 U	0.42 U
Di-n-octyl phthalate	117-84-0	NL	NL	16 U	21 U	1.5 U	0.38 U	0.41 U	2.2 U	0.41 U	0.39 U	0.42 U	0.46 U	0.37 U	0.48 U	0.41 U	0.42 U
Hexachlorobenzene	118-74-1	1.2	6	16 U	21 U	1.5 U	0.38 U	0.41 U	2.2 U	0.41 U	0.39 U	0.42 U	0.46 U	0.37 U	0.48 U	0.41 U	0.42 U
Hexachlorobutadiene	87-68-3	NL	NL	16 U	21 U	1.5 U	0.38 U	0.41 U	2.2 U	0.41 U	0.39 U	0.42 U	0.46 U	0.37 U	0.48 U	0.41 U	0.42 U
Hexachlorocyclopentadiene	77-47-4	NL	NL	77 U	100 U	7.3 U	1.9 U	2 U	11 U	2 U	1.9 U	2.1 U	2.2 U	1.8 U	2.3 U	2 U	2 U
Hexachloroethane	67-72-1	NL	NL	16 U	21 U	1.5 U	0.38 U	0.41 U	2.2 U	0.41 U	0.39 U	0.42 U	0.46 U	0.37 U	0.48 U	0.41 U	0.42 U
Isophorone	78-59-1	NL	NL	16 U	21 U	1.5 U	0.38 U	0.41 U	2.2 U	0.41 U	0.39 U	0.42 U	0.46 U	0.37 U	0.48 U	0.41 U	0.42 U
Nitrobenzene	98-95-3	NL	NL	16 U	21 U	1.5 U	0.38 U	0.41 U	2.2 U	0.41 U	0.39 U	0.42 U	0.46 U	0.37 U	0.48 U	0.41 U	0.42 U
N-Nitrosodi-n-propylamine	621-64-7	NL	NL	16 U	21 U	1.5 U	0.38 U	0.41 U	2.2 U	0.41 U	0.39 U	0.42 U	0.46 U	0.37 U	0.48 U	0.41 U	0.42 U
N-Nitrosodiphenylamine	86-30-6	NL	NL	16 U	21 U	1.5 U	0.38 U	0.41 U	2.2 U	0.41 U	0.39 U	0.42 U	0.46 U	0.37 U	0.48 U	0.41 U	0.42 U
Pentachlorophenol	87-86-5	6.7	6.7	77 U	100 U	7.3 U	1.9 U	2 U	11 U	2 U	1.9 U	2.1 U	2.2 U	1.8 U	2.3 U	2 U	2 U
Phenol	108-95-2	100	500	16 U	21 U	1.5 U	0.38 U	0.41 U	2.2 U	0.41 U	0.39 U	0.42 U	0.46 U	0.37 U	0.48 U	0.41 U	0.42 U
Total SVOCs (mg/Kg) (Note 1)	NA	NL	NL	429.32	372.63	25.756	18.416	21.453	354.23	3.31	0.639	--- U	--- U	1.7638	0.018	0.018	--- U

Notes:
NL = Not Listed
NA = Not Applicable
U = The material was analyzed for but not detected at or above the reporting limit. The associated numerical value is the sample quantitation limit.
J = The associated numerical value is an estimated quantity.
Bold value - compound detected at concentration greater than the Restricted Residential SCO.
Yellow Shading = Compound detected in concentration greater than the Commercial SCO.
NYSDEC Subpart 375-6, Remedial Program Soil Cleanup Objectives, December 14, 2006.
(Note 1) - Total SVOCs includes all of the PAH and other SVOC compounds.

Table 5-2
Subsurface Soil SVOC Results
Schenectady Clinton Street MGP Site

Location ID Sample Designation Sample Date Lab Sample ID	CAS #	NYSDEC Part 375-6 Restricted Residential Use Soil Cleanup Objectives	NYSDEC Part 375-6 Commercial Use Soil Cleanup Objectives	SB13 SB13(37-39) 11/9/2006 C6K100374003	SB130 SB130(37-39) DUPLICATE C6K100374004	SB14 SB14(15-17.5) 11/6/2006 C6K080197004	SB14 SB14(38-40) 11/6/2006 C6K080197003	SB15 SB15(34-35) 11/3/2006 C6K060148006	SB16 SB16(35-37) 11/6/2006 C6K080197001	SB16 SB16(49-50) 11/6/2006 C6K080197002	SB18 SB-18(10-11) 11/1/2006 C6K030390004	SB18 SB-18(18.5-20) 11/1/2006 C6K030390005	SB19 SB-19(23-24.5) 11/1/2006 C6K030390009	SB20 SB-20(16.5-18) 11/2/2006 C6K030390012	SB20 SB-20(30-32.5) 11/1/2006 C6K030390010	SB20 SB-20(38.5-40) 11/1/2006 C6K030390011	SB21 SB-21(9-10) 11/1/2006 C6K030390006
PAH Compounds (mg/Kg)																	
2-Methylnaphthalene	91-57-6	NL	NL	0.14 J	0.11 J	460	0.36 J	0.074 J	390	0.023 J	0.16 J	0.43 U	0.024 J	0.023 J	1.9	0.41 U	0.39 U
Acenaphthene	83-32-9	100	500	0.022 J	0.02 J	**130 J**	0.18 J	0.014 J	**330**	0.032 J	1.1	0.43 U	0.52 U	0.018 J	32	0.01 J	0.39 U
Acenaphthylene	208-96-8	100	500	0.039 J	0.032 J	83 J	0.079 J	0.13 J	37	0.058 J	0.043 J	0.43 U	0.52 U	0.43 U	6.6	0.019 J	0.39 U
Anthracene	120-12-7	100	500	0.028 J	0.024 J	100	0.14 J	0.058 J	**180 J**	0.036 J	0.018 J	0.43 U	0.52 U	0.019 J	14	0.41 U	0.39 U
Benzo(a)anthracene	56-55-3	1	5.6	0.4 U	0.4 U	**60**	0.099 J	0.38 U	**110 J**	0.38 U	0.021 J	0.43 U	0.52 U	0.031 J	**6.7**	0.41 U	0.39 U
Benzo(a)pyrene	50-32-8	1	1	0.4 U	0.4 U	**43**	0.069 J	0.38 U	**64**	0.38 U	0.017 J	0.43 U	0.52 U	0.03 J	**4.6**	0.41 U	0.39 U
Benzo(b)fluoranthene	205-99-2	1	5.6	0.4 U	0.4 U	**27**	0.044 J	0.38 U	**39**	0.38 U	0.4 U	0.43 U	0.52 U	0.033 J	**3.3**	0.41 U	0.39 U
Benzo(ghi)perylene	191-24-2	100	500	0.4 U	0.4 U	23	0.04 J	0.38 U	32	0.38 U	0.4 U	0.43 U	0.52 U	0.016 J	1.3	0.41 U	0.39 U
Benzo(k)fluoranthene	207-08-9	3.9	56	0.4 U	0.4 U	**10**	0.018 J	0.38 U	**15**	0.38 U	0.4 U	0.43 U	0.52 U	0.013 J	1.4	0.41 U	0.39 U
Chrysene	218-01-9	3.9	56	0.4 U	0.4 U	**51**	0.09 J	0.38 U	**89 J**	0.38 U	0.018 J	0.43 U	0.52 U	0.028 J	**6.1**	0.41 U	0.39 U
Dibenz(a,h)anthracene	53-70-3	0.33	0.56	0.4 U	0.4 U	**6.1 J**	0.39 UJ	0.38 U	**8.8 J**	0.38 UJ	0.4 U	0.43 U	0.52 U	0.43 U	**0.47 J**	0.41 U	0.39 U
Fluoranthene	206-44-0	100	500	0.4 U	0.4 U	100 J	0.16 J	0.0083 J	**170 J**	0.38 U	0.038 J	0.015 J	0.017 J	0.047 J	13	0.41 U	0.39 U
Fluorene	86-73-7	100	500	0.029 J	0.024 J	88 J	0.12 J	0.013 J	**160 J**	0.38 U	0.23 J	0.43 U	0.52 U	0.43 U	16	0.41 U	0.39 U
Indeno(1,2,3-cd)pyrene	193-39-5	.5	5.6	0.4 U	0.4 U	**21 J**	0.036 J	0.38 U	**28 J**	0.38 UJ	0.4 U	0.43 U	0.52 U	0.014 J	**1.2**	0.41 U	0.39 U
Naphthalene	91-20-3	100	500	0.43	0.34 J	**1500**	0.72	0.4	**660**	0.054 J	0.25 J	0.43 U	0.15 J	0.1 J	40	0.41 U	0.39 U
Phenanthrene	85-01-8	100	500	0.096 J	0.08 J	**320**	0.44	0.21 J	**600**	0.13 J	0.058 J	0.43 U	0.035 J	0.06 J	39	0.019 J	0.39 U
Pyrene	129-00-0	100	500	0.4 U	0.4 U	**170 J**	0.22 J	0.38 U	**270**	0.38 U	0.03 J	0.43 U	0.52 U	0.038 J	15	0.41 U	0.39 U
Total PAHs (mg/Kg)	NA	NL	NL	0.784	0.63	3192.1	2.815	0.9073	3182.8	0.333	1.983	0.015	0.226	0.47	206.87	0.048	---- U
Other SVOCs (mg/Kg)																	
1,1'-Biphenyl	92-52-4	NL	NL	0.4 U	0.4 U	36	0.39 U	0.38 U	55	0.38 U	0.11 J	0.43 U	0.52 U	0.43 U	4.5	0.41 U	0.39 U
2,2'-oxybis(1-Chloropropane)	108-60-1	NL	NL	0.4 U	0.4 U	8.1 U	0.39 U	0.38 UJ	8.1 U	0.38 U	0.4 U	0.43 U	0.52 U	0.43 U	1.2 U	0.41 U	0.39 U
2,4,5-Trichlorophenol	95-95-4	NL	NL	0.4 U	0.4 U	8.1 U	0.39 U	0.38 U	8.1 U	0.38 U	0.4 U	0.43 U	0.52 U	0.43 U	1.2 U	0.41 U	0.39 U
2,4,6-Trichlorophenol	88-06-2	NL	NL	0.4 U	0.4 U	8.1 U	0.39 U	0.38 U	8.1 U	0.38 U	0.4 U	0.43 U	0.52 U	0.43 U	1.2 U	0.41 U	0.39 U
2,4-Dichlorophenol	120-83-2	NL	NL	0.4 U	0.4 U	8.1 U	0.39 U	0.38 U	8.1 U	0.38 U	0.4 U	0.43 U	0.52 U	0.43 U	1.2 U	0.41 U	0.39 U
2,4-Dimethylphenol	105-67-9	NL	NL	0.4 U	0.4 U	8.1 U	0.39 U	0.38 U	8.1 U	0.38 U	0.4 U	0.43 U	0.52 U	0.43 U	1.2 U	0.41 U	0.39 U
2,4-Dinitrophenol	51-28-5	NL	NL	1.9 UJ	1.9 UJ	39 U	1.9 U	1.9 U	39 U	1.9 U	1.9 U	2.1 U	2.5 U	2.1 U	5.8 U	2 U	1.9 U
2,4-Dinitrotoluene	121-14-2	NL	NL	0.4 U	0.4 U	8.1 U	0.39 U	0.38 U	8.1 U	0.38 U	0.4 U	0.43 U	0.52 U	0.43 U	1.2 U	0.41 U	0.39 U
2,6-Dinitrotoluene	606-20-2	NL	NL	0.4 U	0.4 U	8.1 U	0.39 U	0.38 U	8.1 U	0.38 U	0.4 U	0.43 U	0.52 U	0.43 U	1.2 U	0.41 U	0.39 U
2-Chloronaphthalene	91-58-7	NL	NL	0.4 U	0.4 U	8.1 U	0.39 U	0.38 U	8.1 U	0.38 U	0.4 U	0.43 U	0.52 U	0.43 U	1.2 U	0.41 U	0.39 U
2-Chlorophenol	95-57-8	NL	NL	0.4 U	0.4 U	8.1 U	0.39 U	0.38 U	8.1 U	0.38 U	0.4 U	0.43 U	0.52 U	0.43 U	1.2 U	0.41 U	0.39 U
2-Methylphenol	95-48-7	100	500	0.4 U	0.4 U	8.1 U	0.39 U	0.38 U	8.1 U	0.38 U	0.4 U	0.43 U	0.52 U	0.43 U	1.2 U	0.41 U	0.39 U
2-Nitroaniline	88-74-4	NL	NL	1.9 U	1.9 U	39 U	1.9 U	1.9 U	39 U	1.9 U	1.9 U	2.1 U	2.5 U	2.1 U	5.8 U	2 U	1.9 U
2-Nitrophenol	88-75-5	NL	NL	0.4 U	0.4 U	8.1 U	0.39 U	0.38 U	8.1 U	0.38 U	0.4 U	0.43 U	0.52 U	0.43 U	1.2 U	0.41 U	0.39 U
3,3'-Dichlorobenzidine	91-94-1	NL	NL	1.9 U	1.9 U	39 U	1.9 U	1.9 U	39 U	1.9 U	1.9 U	2.1 U	2.5 U	2.1 U	5.8 U	2 U	1.9 U
3-Nitroaniline	99-09-2	NL	NL	1.9 U	1.9 U	39 U	1.9 U	1.9 U	39 U	1.9 U	1.9 U	2.1 U	2.5 U	2.1 U	5.8 U	2 U	1.9 U
4,6-Dinitro-2-methylphenol	534-52-1	NL	NL	1.9 UJ	1.9 UJ	39 U	1.9 U	1.9 U	39 U	1.9 U	1.9 U	2.1 U	2.5 U	2.1 U	5.8 U	2 U	1.9 U
4-Bromophenyl phenyl ether	101-55-3	NL	NL	0.4 U	0.4 U	8.1 U	0.39 U	0.38 U	8.1 U	0.38 U	0.4 U	0.43 U	0.52 U	0.43 U	1.2 U	0.41 U	0.39 U
4-Chloro-3-methylphenol	59-50-7	NL	NL	0.4 U	0.4 U	8.1 U	0.39 U	0.38 U	8.1 U	0.38 U	0.4 U	0.43 U	0.52 U	0.43 U	1.2 U	0.41 U	0.39 U
4-Chloroaniline	106-47-8	NL	NL	0.4 U	0.4 U	8.1 U	0.39 U	0.38 U	8.1 U	0.38 U	0.4 U	0.43 U	0.52 U	0.43 U	1.2 U	0.41 U	0.39 U
4-Chlorophenyl phenyl ether	7005-72-3	NL	NL	0.4 U	0.4 U	8.1 U	0.39 U	0.38 U	8.1 U	0.38 U	0.4 U	0.43 U	0.52 U	0.43 U	1.2 U	0.41 U	0.39 U
4-Methylphenol	106-44-5	100	500	0.0095 J	0.4 U	8.1 U	0.39 U	0.38 U	8.1 U	0.38 U	0.4 U	0.43 U	0.52 U	0.43 U	1.2 U	0.41 U	0.39 U
4-Nitroaniline	100-01-6	NL	NL	1.9 U	1.9 U	39 U	1.9 U	1.9 U	39 U	1.9 U	1.9 U	2.1 U	2.5 U	2.1 U	5.8 U	2 U	1.9 U
4-Nitrophenol	100-02-7	NL	NL	1.9 U	1.9 U	39 U	1.9 U	1.9 U	39 U	1.9 U	1.9 U	2.1 U	2.5 U	2.1 U	5.8 U	2 U	1.9 U
Acetophenone	98-86-2	NL	NL	0.4 U	0.4 U	8.1 U	0.39 U	0.38 U	8.1 U	0.38 U	0.4 U	0.43 U	0.52 U	0.43 U	1.2 U	0.41 U	0.39 U
Atrazine	1912-24-9	NL	NL	0.4 U	0.4 U	8.1 U	0.39 U	0.38 U	8.1 U	0.38 U	0.4 U	0.43 U	0.52 U	0.43 U	1.2 U	0.41 U	0.39 U
Benzaldehyde	100-52-7	NL	NL	0.4 UJ	0.4 UJ	8.1 U	0.39 U	0.38 U	8.1 U	0.38 U	0.4 U	0.43 U	0.52 U	0.43 U	1.2 U	0.41 U	0.39 U
bis(2-Chloroethoxy)methane	111-91-1	NL	NL	0.4 U	0.4 U	8.1 U	0.39 U	0.38 U	8.1 U	0.38 U	0.4 U	0.43 U	0.52 U	0.43 U	1.2 U	0.41 U	0.39 U
bis(2-Chloroethyl) ether	111-44-4	NL	NL	0.4 U	0.4 U	8.1 U	0.39 U	0.38 U	8.1 U	0.38 U	0.4 U	0.43 U	0.52 U	0.43 U	1.2 U	0.41 U	0.39 U
bis(2-Ethylhexyl) phthalate	117-81-7	NL	NL	0.4 U	0.4 U	8.1 U	0.39 U	0.38 U	8.1 U	0.38 U	0.4 U	0.43 U	0.52 U	0.43 U	1.2 U	0.41 U	0.39 U
Butyl benzyl phthalate	85-68-7	NL	NL	0.013 J	0.016 J	8.1 U	0.39 U	0.017 J	8.1 U	0.38 U	0.4 U	0.43 U	0.52 U	0.43 U	1.2 U	0.41 U	0.39 U
Caprolactam	105-60-2	NL	NL	0.4 U	0.4 U	8.1 U	0.39 U	0.38 U	8.1 U	0.38 U	0.4 U	0.43 U	0.52 U	0.43 U	1.2 U	0.41 U	0.39 U
Carbazole	86-74-8	NL	NL	0.4 U	0.4 U	1.8 J	0.39 U	0.38 U	2.6 J	0.38 U	0.11 J	0.43 U	0.52 U	0.43 U	2.7	0.026 J	0.39 U
Dibenzofuran	132-64-9	59	350	0.4 U	0.4 U	8.1 U	0.39 U	0.012 J	14	0.01 J	0.34 J	0.43 U	0.012 J	0.01 J	2.5	0.035 J	0.39 U
Diethyl phthalate	131-11-3	NL	NL	0.4 U	0.4 U	8.1 U	0.39 U	0.38 U	8.1 U	0.38 U	0.4 U	0.43 U	0.52 U	0.43 U	1.2 U	0.41 U	0.39 U
Dimethyl phthalate	84-66-2	NL	NL	0.4 U	0.4 U	8.1 U	0.39 U	0.38 U	8.1 U	0.38 U	0.4 U	0.43 U	0.52 U	0.43 U	1.2 U	0.41 U	0.39 U
Di-n-butyl phthalate	84-74-2	NL	NL	0.4 U	0.4 U	8.1 U	0.39 U	0.38 U	8.1 U	0.38 U	0.4 U	0.43 U	0.52 U	0.43 U	1.2 U	0.41 U	0.39 U
Di-n-octyl phthalate	117-84-0	NL	NL	0.4 U	0.4 U	8.1 U	0.39 U	0.38 U	8.1 U	0.38 U	0.4 U	0.43 U	0.52 U	0.43 U	1.2 U	0.41 U	0.39 U
Hexachlorobenzene	118-74-1	1.2	6	0.4 U	0.4 U	8.1 U	0.39 U	0.38 U	8.1 U	0.38 U	0.4 U	0.43 U	0.52 U	0.43 U	1.2 U	0.41 U	0.39 U
Hexachlorobutadiene	87-68-3	NL	NL	0.4 U	0.4 U	8.1 U	0.39 U	0.38 U	8.1 U	0.38 U	0.4 U	0.43 U	0.52 U	0.43 U	1.2 U	0.41 U	0.39 U
Hexachlorocyclopentadiene	77-47-4	NL	NL	1.9 U	1.9 U	39 U	1.9 U	1.9 U	39 U	1.9 U	1.9 U	2.1 U	2.5 U	2.1 U	5.8 U	2 U	1.9 U
Hexachloroethane	67-72-1	NL	NL	0.4 U	0.4 U	8.1 U	0.39 U	0.38 U	8.1 U	0.38 U	0.4 U	0.43 U	0.52 U	0.43 U	1.2 U	0.41 U	0.39 U
Isophorone	78-59-1	NL	NL	0.4 U	0.4 U	8.1 U	0.39 U	0.38 U	8.1 U	0.38 U	0.4 U	0.43 U	0.52 U	0.43 U	1.2 U	0.41 U	0.39 U
Nitrobenzene	98-95-3	NL	NL	0.4 U	0.4 U	8.1 U	0.39 U	0.38 U	8.1 U	0.38 U	0.4 U	0.43 U	0.52 U	0.43 U	1.2 U	0.41 U	0.39 U
N-Nitrosodi-n-propylamine	621-64-7	NL	NL	0.4 U	0.4 U	8.1 U	0.39 U	0.38 U	8.1 U	0.38 U	0.4 U	0.43 U	0.52 U	0.43 U	1.2 U	0.41 U	0.39 U
N-Nitrosodiphenylamine	86-30-6	NL	NL	0.4 U	0.4 U	8.1 U	0.39 U	0.38 U	8.1 U	0.38 U	0.4 U	0.43 U	0.52 U	0.43 U	1.2 U	0.41 U	0.39 U
Pentachlorophenol	87-86-5	6.7	6.7	1.9 U	1.9 U	39 U	1.9 U	1.9 U	39 U	1.9 U	1.9 U	2.1 U	2.5 U	2.1 U	5.8 U	2 U	1.9 U
Phenol	108-95-2	100	500	0.025 J	0.4 U	8.1 U	0.39 U	0.38 U	8.1 U	0.38 U	0.4 U	0.43 U	0.52 U	0.43 U	1.2 U	0.41 U	0.39 U
Total SVOCs (mg/Kg) (Note 1)	NA	NL	NL	0.8315	0.646	3229.9	2.815	0.9363	3254.4	0.343	2.543	0.015	0.238	0.48	216.57	0.109	--- U

Notes:
NL = Not Listed
NA = Not Applicable
U = The material was analyzed for but not detected at or above the reporting limit. The associated numerical value is the sample quantitation limit.
J = The associated numerical value is an estimated quantity.
Bold value - compound detected at concentration greater than the Restricted Residential SCO.
Yellow Shading = Compound detected in concentration greater than the Commercial SCO.
NYSDEC Subpart 375-6, Remedial Program Soil Cleanup Objectives, December 14, 2006.
(Note 1) - Total SVOCs includes all of the PAH and other SVOC compounds.

Table 5-2
Subsurface Soil SVOC Results
Schenectady Clinton Street MGP Site

Location ID Sample Designation Sample Date Lab Sample ID	CAS #	NYSDEC Part 375-6 Restricted Residential Use Soil Cleanup Objectives	NYSDEC Part 375-6 Commercial Use Soil Cleanup Objectives	SB22 SB22(18-20) 11/3/2006 C6K060148004	SB220 SB220(18-20) DUPLICATE C6K060148005	SB23 SB23(6-7) 11/3/2006 C6K060148002	SB23 SB23(10-13) 11/3/2006 C6K060148001	SB24 SB-24(13.5-14.5) 11/1/2006 C6K030390007	SB24 SB-24(20-21) 11/1/2006 C6K030390008	SB25 SB25(18-19.5) 11/3/2006 C6K060148003	SB26 SB26(35-37.5) 10/29/2008 C8K010195001	SB27 SB27(23-23.5) 12/8/2008 C8L110357001	SB27 SB27(35-36) 12/8/2008 C8L110357002	SB28 SB28(33.5-35) 10/23/2008 C8J290111005	SB28 SB28(47.5-50) 10/23/2008 C8J290111006	SB31 SB31(25-27.5) 10/17/2008 C8J220183003	SB31 SB31(47.5-50) 10/17/2008 C8J220183004
PAH Compounds (mg/Kg)																	
2-Methylnaphthalene	91-57-6	NL	NL	0.64 J	0.43 J	1.1 J	3.8 U	0.16 J	0.12 J	3.4 J	0.024 J	34	0.079 U	0.054 J	0.057 J	4.8	0.086 U
Acenaphthene	83-32-9	100	500	0.45 J	0.22 J	0.9 J	3.8 U	0.35 J	0.03 J	1.1 J	0.039 J	43	0.079 U	0.081 U	0.078 U	1.5	0.086 U
Acenaphthylene	208-96-8	100	500	3.1 U	3.3 U	2.6 J	0.19 J	0.42 U	0.019 J	1 J	0.034 J	**120**	0.02 J	0.026 J	0.078 U	0.22	0.086 U
Anthracene	120-12-7	100	500	3.1 U	3.3 U	3.9 J	0.48 J	0.42 U	0.028 J	1.5 J	0.081 U	97	0.079 U	0.081 U	0.078 U	0.95	0.086 U
Benzo(a)anthracene	56-55-3	1	5.6	3.1 U	3.3 U	**13**	**2 J**	0.42 U	0.051 J	**2.9 J**	0.081 U	**55**	0.079 U	0.019 J	0.078 U	0.56	0.086 U
Benzo(a)pyrene	50-32-8	1	1	3.1 U	3.3 U	**14**	**1.9 J**	0.018 J	0.039 J	**2.3 J**	0.081 U	**37**	0.079 U	0.013 J	0.078 U	0.4	0.086 U
Benzo(b)fluoranthene	205-99-2	1	5.6	3.1 U	3.3 U	**14**	**2 J**	0.42 U	0.044 J	**2.3 J**	0.081 U	**30**	0.079 U	0.024 J	0.078 U	0.29 J	0.086 UJ
Benzo(ghi)perylene	191-24-2	100	500	3.1 U	3.3 U	10 J	1.2 J	0.42 U	0.59 U	1.6 J	0.081 U	16	0.079 U	0.081 U	0.078 U	0.15	0.086 U
Benzo(k)fluoranthene	207-08-9	3.9	56	3.1 U	3.3 U	**5.3**	0.75 J	0.42 U	0.02 J	0.9 J	0.081 U	0.79 U	0.079 U	0.081 U	0.078 U	0.082 U	0.086 U
Chrysene	218-01-9	3.9	56	3.1 U	3.3 U	**12**	1.7 J	0.42 U	0.044 J	2.8 J	0.081 U	**47**	0.079 U	0.016 J	0.078 U	0.47	0.086 U
Dibenz(a,h)anthracene	53-70-3	0.33	0.56	3.1 U	3.3 U	**2.5 J**	**0.38 J**	0.42 U	0.59 U	**0.37 J**	0.081 U	**4.7**	0.079 U	0.081 U	0.078 U	0.11	0.086 U
Fluoranthene	206-44-0	100	500	3.1 U	3.3 U	18	2.7 J	0.42 U	0.1 J	5.7	0.081 U	**100**	0.079 U	0.081 U	0.078 U	0.95	0.086 U
Fluorene	86-73-7	100	500	0.31 J	0.14 J	2.6 J	3.8 U	0.081 J	0.59 U	1.6 J	0.081 U	**130**	0.079 U	0.081 U	0.078 U	1	0.086 U
Indeno(1,2,3-cd)pyrene	193-39-5	.5	5.6	3.1 U	3.3 U	**11**	**1.5 J**	0.42 U	0.018 J	**1.8 J**	0.081 U	**12**	0.079 U	0.081 U	0.078 U	0.17	0.086 U
Naphthalene	91-20-3	100	500	30	27	0.81 J	0.14 J	1.4	2	44	0.075 J	**550**	0.016 J	0.14	0.091	9	0.086 U
Phenanthrene	85-01-8	100	500	0.36 J	0.19 J	23	1.4 J	0.18 J	0.085 J	5.8	0.081 U	**340**	0.018 J	0.051 J	0.078 U	3.1	0.086 U
Pyrene	129-00-0	100	500	0.095 J	3.3 U	22	2.6 J	0.42 U	0.072 J	7.1	0.081 U	**110**	0.079 U	0.081 U	0.078 U	1.4	0.086 U
Total PAHs (mg/Kg)	NA	NL	NL	66.855	28.19	156.71	18.94	2.189	2.67	86.17	0.172	1725.7	0.054	0.343	0.148	25.07	--- U
Other SVOCs (mg/Kg)																	
1,1'-Biphenyl	92-52-4	NL	NL	3.1 U	3.3 U	4 U	3.8 U	0.42 U	0.59 U	4.4 U	0.04 J	38	0.39 U	0.4 U	0.38 U	0.38 J	0.42 U
2,2'-oxybis(1-Chloropropane)	108-60-1	NL	NL	3.1 UJ	3.3 UJ	4 UJ	3.8 UJ	0.42 U	0.59 U	4.4 UJ	0.081 U	0.79 U	0.079 U	0.081 U	0.078 U	0.082 U	0.086 U
2,4,5-Trichlorophenol	95-95-4	NL	NL	3.1 U	3.3 U	4 U	3.8 U	0.42 U	0.59 U	4.4 U	0.4 U	3.9 U	0.39 U	0.4 U	0.38 U	0.4 U	0.42 U
2,4,6-Trichlorophenol	88-06-2	NL	NL	3.1 U	3.3 U	4 U	3.8 U	0.42 U	0.59 U	4.4 U	0.4 U	3.9 U	0.39 U	0.4 U	0.38 U	0.4 U	0.42 U
2,4-Dichlorophenol	120-83-2	NL	NL	3.1 U	3.3 U	4 U	3.8 U	0.42 U	0.59 U	4.4 U	0.081 U	0.79 U	0.079 U	0.081 U	0.078 U	0.082 U	0.086 U
2,4-Dimethylphenol	105-67-9	NL	NL	3.1 U	3.3 U	4 U	3.8 U	0.42 U	0.59 U	4.4 U	0.4 U	3.9 U	0.39 U	0.4 U	0.38 U	0.4 U	0.42 U
2,4-Dinitrophenol	51-28-5	NL	NL	15 U	16 U	19 U	18 U	2.1 U	2.9 U	21 U	2.1 U	20 U	2 U	2 UJ	2 UJ	2.1 U	2.2 U
2,4-Dinitrotoluene	121-14-2	NL	NL	3.1 U	3.3 U	4 U	3.8 U	0.42 U	0.59 U	4.4 U	0.4 U	3.9 U	0.39 U	0.4 U	0.38 U	0.4 U	0.42 U
2,6-Dinitrotoluene	606-20-2	NL	NL	3.1 U	3.3 U	4 U	3.8 U	0.42 U	0.59 U	4.4 U	0.4 U	3.9 U	0.39 U	0.4 U	0.38 U	0.4 U	0.42 U
2-Chloronaphthalene	91-58-7	NL	NL	3.1 U	3.3 U	4 U	3.8 U	0.42 U	0.59 U	4.4 U	0.081 U	0.79 U	0.079 U	0.081 U	0.078 U	0.082 U	0.086 U
2-Chlorophenol	95-57-8	NL	NL	3.1 U	3.3 U	4 U	3.8 U	0.42 U	0.59 U	4.4 U	0.4 U	3.9 U	0.39 U	0.4 U	0.38 U	0.4 U	0.42 U
2-Methylphenol	95-48-7	100	500	3.1 U	3.3 U	4 U	3.8 U	0.42 U	0.59 U	4.4 U	0.4 U	3.9 U	0.39 U	0.4 U	0.38 U	0.4 U	0.42 U
2-Nitroaniline	88-74-4	NL	NL	15 U	16 U	19 U	18 U	2.1 U	2.9 U	21 U	2.1 U	20 U	2 U	2 U	2 U	2.1 U	2.2 U
2-Nitrophenol	88-75-5	NL	NL	3.1 U	3.3 U	4 U	3.8 U	0.42 U	0.59 U	4.4 U	0.4 U	3.9 U	0.39 U	0.4 U	0.38 U	0.4 U	0.42 U
3,3'-Dichlorobenzidine	91-94-1	NL	NL	15 U	16 U	19 U	18 U	2.1 U	2.9 U	21 U	0.4 U	3.9 U	0.39 U	0.4 UJ	0.38 UJ	0.4 U	0.42 U
3-Nitroaniline	99-09-2	NL	NL	15 U	16 U	19 U	18 U	2.1 U	2.9 U	21 U	2.1 U	20 U	2 U	2 U	2 U	2.1 U	2.2 U
4,6-Dinitro-2-methylphenol	534-52-1	NL	NL	15 U	16 U	19 U	18 U	2.1 U	2.9 U	21 U	2.1 U	20 U	2 U	2 UJ	2 UJ	2.1 U	2.2 U
4-Bromophenyl phenyl ether	101-55-3	NL	NL	3.1 U	3.3 U	4 U	3.8 U	0.42 U	0.59 U	4.4 U	0.4 U	3.9 U	0.39 U	0.4 U	0.38 U	0.4 U	0.42 U
4-Chloro-3-methylphenol	59-50-7	NL	NL	3.1 U	3.3 U	4 U	3.8 U	0.42 U	0.59 U	4.4 U	0.4 U	3.9 U	0.39 U	0.4 U	0.38 U	0.4 U	0.42 U
4-Chloroaniline	106-47-8	NL	NL	3.1 U	3.3 U	4 U	3.8 U	0.42 U	0.59 U	4.4 U	0.4 U	3.9 U	0.39 U	0.4 U	0.38 U	0.4 U	0.42 U
4-Chlorophenyl phenyl ether	7005-72-3	NL	NL	3.1 U	3.3 U	4 U	3.8 U	0.42 U	0.59 U	4.4 U	0.4 U	3.9 U	0.39 U	0.4 U	0.38 U	0.4 U	0.42 U
4-Methylphenol	106-44-5	100	500	3.1 U	3.3 U	4 U	3.8 U	0.42 U	0.59 U	4.4 U	0.4 U	3.9 U	0.39 U	0.4 U	0.38 U	0.4 U	0.42 U
4-Nitroaniline	100-01-6	NL	NL	15 U	16 U	19 U	18 U	2.1 U	2.9 U	21 U	2.1 U	20 U	2 U	2 U	2 U	2.1 U	2.2 U
4-Nitrophenol	100-02-7	NL	NL	15 U	16 U	19 U	18 U	2.1 U	2.9 U	21 U	2.1 U	20 U	2 U	2 U	2 U	2.1 U	2.2 U
Acetophenone	98-86-2	NL	NL	3.1 U	3.3 U	4 U	3.8 U	0.42 U	0.59 U	4.4 U	0.4 U	3.9 U	0.39 U	0.4 U	0.38 U	0.4 U	0.42 U
Atrazine	1912-24-9	NL	NL	3.1 U	3.3 U	4 U	3.8 U	0.42 U	0.59 U	4.4 U	0.4 U	3.9 U	0.39 U	0.4 UJ	0.38 UJ	0.4 U	0.42 U
Benzaldehyde	100-52-7	NL	NL	3.1 U	3.3 U	4 U	3.8 U	0.42 U	0.59 U	4.4 U	0.4 UJ	3.9 U	0.39 U	0.4 UJ	0.38 UJ	0.4 UJ	0.42 UJ
bis(2-Chloroethoxy)methane	111-91-1	NL	NL	3.1 U	3.3 U	4 U	3.8 U	0.42 U	0.59 U	4.4 U	0.4 U	3.9 U	0.39 U	0.4 U	0.38 U	0.4 U	0.42 U
bis(2-Chloroethyl) ether	111-44-4	NL	NL	3.1 U	3.3 U	4 U	3.8 U	0.42 U	0.59 U	4.4 U	0.081 U	0.79 U	0.079 U	0.081 U	0.078 U	0.082 U	0.086 U
bis(2-Ethylhexyl) phthalate	117-81-7	NL	NL	3.1 U	3.3 U	4 U	3.8 U	0.42 U	0.061 J	4.4 U	0.4 U	3.9 U	0.043 J	0.4 U	0.38 U	0.4 U	0.42 U
Butyl benzyl phthalate	85-68-7	NL	NL	3.1 U	3.3 U	4 U	3.8 U	0.42 U	0.59 U	4.4 U	0.4 U	3.9 U	0.39 U	0.4 U	0.38 U	0.4 U	0.42 U
Caprolactam	105-60-2	NL	NL	3.1 U	3.3 U	4 U	3.8 U	0.42 U	0.59 U	4.4 U	2.1 U	20 U	2 U	2 U	2 U	2.1 U	2.2 U
Carbazole	86-74-8	NL	NL	0.26 J	0.11 J	0.95 J	3.8 U	0.034 J	0.59 U	0.55 J	0.081 U	0.79 U	0.079 U	0.081 U	0.078 U	0.018 J	0.086 U
Dibenzofuran	132-64-9	59	350	0.36 J	0.13 J	0.69 J	3.8 U	0.081 J	0.018 J	1.4 J	0.4 U	3.9 U	0.39 U	0.4 U	0.38 U	0.4 U	0.42 U
Diethyl phthalate	131-11-3	NL	NL	3.1 U	3.3 U	4 U	3.8 U	0.42 U	0.59 U	4.4 U	0.4 U	3.9 U	0.39 U	0.4 U	0.38 U	0.4 U	0.42 U
Dimethyl phthalate	84-66-2	NL	NL	3.1 U	3.3 U	4 U	3.8 U	0.42 U	0.59 U	4.4 U	0.093 J	3.9 U	0.16 J	0.4 U	0.38 U	0.4 U	0.42 U
Di-n-butyl phthalate	84-74-2	NL	NL	3.1 U	3.3 U	4 U	3.8 U	0.42 U	0.59 U	4.4 U	0.4 U	3.9 U	0.39 U	0.4 U	0.38 U	0.4 U	0.42 U
Di-n-octyl phthalate	117-84-0	NL	NL	3.1 U	3.3 U	4 U	3.8 U	0.42 U	0.59 U	4.4 U	0.4 U	3.9 U	0.39 U	0.4 U	0.38 U	0.4 U	0.42 U
Hexachlorobenzene	118-74-1	1.2	6	3.1 U	3.3 U	4 U	3.8 U	0.42 U	0.59 U	4.4 U	0.081 U	0.79 U	0.079 U	0.081 U	0.078 U	0.082 U	0.086 U
Hexachlorobutadiene	87-68-3	NL	NL	3.1 U	3.3 U	4 U	3.8 U	0.42 U	0.59 U	4.4 U	0.081 U	0.79 U	0.079 U	0.081 U	0.078 U	0.082 U	0.086 U
Hexachlorocyclopentadiene	77-47-4	NL	NL	15 U	16 U	19 U	18 U	2.1 U	2.9 U	21 U	0.4 UJ	3.9 U	0.39 U	0.4 UJ	0.38 UJ	0.4 UJ	0.42 UJ
Hexachloroethane	67-72-1	NL	NL	3.1 U	3.3 U	4 U	3.8 U	0.42 U	0.59 U	4.4 U	0.4 U	3.9 U	0.39 U	0.4 U	0.38 U	0.4 U	0.42 U
Isophorone	78-59-1	NL	NL	3.1 U	3.3 U	4 U	3.8 U	0.42 U	0.59 U	4.4 U	0.4 U	3.9 U	0.39 U	0.4 U	0.38 U	0.4 U	0.42 U
Nitrobenzene	98-95-3	NL	NL	3.1 U	3.3 U	4 U	3.8 U	0.42 U	0.59 U	4.4 U	0.081 U	0.79 U	0.079 U	0.081 U	0.078 U	0.082 U	0.086 U
N-Nitrosodi-n-propylamine	621-64-7	NL	NL	3.1 U	3.3 U	4 U	3.8 U	0.42 U	0.59 U	4.4 U	0.081 U	0.79 U	0.079 U	0.081 U	0.078 U	0.082 U	0.086 U
N-Nitrosodiphenylamine	86-30-6	NL	NL	3.1 U	3.3 U	4 U	3.8 U	0.42 U	0.59 U	4.4 U	0.081 U	0.79 U	0.079 U	0.081 U	0.078 U	0.082 U	0.086 U
Pentachlorophenol	87-86-5	6.7	6.7	15 U	16 U	19 U	18 U	2.1 U	2.9 U	21 U	0.4 U	3.9 U	0.39 U	0.4 U	0.38 U	0.4 U	0.42 U
Phenol	108-95-2	100	500	3.1 U	3.3 U	4 U	3.8 U	0.42 U	0.59 U	4.4 U	0.081 U	0.79 U	0.079 U	0.067 J	0.26	0.082 U	0.086 U
Total SVOCs (mg/Kg) (Note 1)	NA	NL	NL	67.475	28.43	158.35	18.94	2.304	2.749	88.12	0.305	1763.7	0.257	0.41	0.408	25.468	--- U

Notes:
NL = Not Listed
NA = Not Applicable
U = The material was analyzed for but not detected at or above the reporting limit. The associated numerical value is the sample quantitation limit.
J = The associated numerical value is an estimated quantity.
Bold value - compound detected at concentration greater than the Restricted Residential SCO.
Yellow Shading = Compound detected in concentration greater than the Commercial SCO.
NYSDEC Subpart 375-6, Remedial Program Soil Cleanup Objectives, December 14, 2006.
(Note 1) - Total SVOCs includes all of the PAH and other SVOC compounds.

Table 5-2
Subsurface Soil SVOC Results
Schenectady Clinton Street MGP Site

Location ID Sample Designation Sample Date Lab Sample ID	CAS #	NYSDEC Part 375-6 Restricted Residential Use Soil Cleanup Objectives	NYSDEC Part 375-6 Commercial Use Soil Cleanup Objectives	SB32 SB32(20-22.5) 10/15/2008 C8J160275005	SB32 SB32(42-47.5) 10/15/2008 C8J160275006	SB33 SB33(22.5-25) 10/22/2008 C8J290111003	SB33 SB33(35-37.5) 10/22/2008 C8J290111004	SB34 SB34(32.5-35) 10/21/2008 C8J290111001	SB34 SB34(42.5-45) 10/21/2008 C8J290111002	SB36 SB36(10-12) 10/9/2008 C8J110134003	SB36 SB36(17.5-20) 10/13/2008 C8J160275001	SB36 SB36(32.5-35) 10/13/2008 C8J160275002	SB37 SB37(11-12) 10/13/2008 C8J160275003	SB37 SB37(57.6-60) 10/14/2008 C8J160275004	SB38 SB38(22.5-25) 10/16/2008 C8J220183001	SB38 SB38(45-47.5) 10/16/2008 C8J220183002	SB39 SB39(32.5-35) 10/20/2008 C8J220183005
PAH Compounds (mg/Kg)																	
2-Methylnaphthalene	91-57-6	NL	NL	1000	0.081 U	10	0.078 U	25	0.04 J	63	28	0.078 U	75	0.08 U	18	0.079 U	28
Acenaphthene	83-32-9	100	500	**140**	0.081 U	15	0.078 U	19 J	0.027 J	46	6.2	0.078 U	**120**	0.08 U	5.1	0.079 U	9.4
Acenaphthylene	208-96-8	100	500	77	0.081 U	2.4	0.055 J	4.4	0.091	9.3	3.2	0.078 U	11	0.08 U	2.1	0.079 U	2.2
Anthracene	120-12-7	100	500	**100**	0.081 U	11	0.045 J	12	0.023 J	26	4.6	0.078 U	51	0.08 U	4.4	0.079 U	6
Benzo(a)anthracene	56-55-3	1	5.6	**74**	0.081 U	**6.9**	0.043 J	**7.4**	0.078 U	**16**	**3.7**	0.078 U	**27**	0.08 U	**2.4**	0.079 U	**3.8**
Benzo(a)pyrene	50-32-8	1	1	**47**	0.081 U	**4.9**	0.028 J	**6**	0.078 U	**11**	**1.8**	0.078 U	**20**	0.08 U	**1.8**	0.079 U	**2.8**
Benzo(b)fluoranthene	205-99-2	1	5.6	**34 J**	0.081 U	**3.8**	0.048 J	**4.9**	0.078 U	**9.4**	**1.7 J**	0.078 U	**15 J**	0.08 U	**1.5 J**	0.079 UJ	**2.2 J**
Benzo(ghi)perylene	191-24-2	100	500	19	0.081 U	1.9	0.024 J	2.1	0.078 U	5.3	0.95	0.078 U	7.6	0.08 U	0.84	0.079 U	1.3
Benzo(k)fluoranthene	207-08-9	3.9	56	**15**	0.081 UJ	0.39 U	0.078 U	0.4 U	0.078 U	1.7 U	0.4 U	0.078 UJ	3.1	0.08 UJ	0.081 U	0.079 U	0.16 U
Chrysene	218-01-9	3.9	56	**49**	0.081 U	**5.8**	0.041 J	**6.8**	0.078 U	**13**	2.6	0.078 U	**22**	0.08 U	2.4	0.079 U	3.1
Dibenz(a,h)anthracene	53-70-3	0.33	0.56	1.6 U	0.081 U	**0.41**	0.078 U	**0.6**	0.078 U	**1.5 J**	0.4 U	0.078 U	0.85 U	0.08 U	0.23	0.079 U	**0.42**
Fluoranthene	206-44-0	100	500	**110**	0.081 U	11	0.088	12	0.078 U	25	4.8	0.078 U	53	0.08 U	4.8	0.079 U	6.5
Fluorene	86-73-7	100	500	90	0.081 U	8.7	0.078 U	12	0.078 U	28	4.9	0.078 U	47	0.08 U	4.6	0.079 U	5.6
Indeno(1,2,3-cd)pyrene	193-39-5	.5	5.6	**15 J**	0.081 U	**1.4**	0.02 J	**1.6**	0.078 U	**4.2**	**0.59 J**	0.078 U	**5.6**	0.08 U	**0.58**	0.079 U	**0.94**
Naphthalene	91-20-3	100	500	**3000**	0.048 J	2.4	0.052 J	20 J	0.25	**170**	51	0.078 U	**330**	0.054 J	31	0.036 J	58
Phenanthrene	85-01-8	100	500	**550**	0.081 U	31	0.16	37	0.14	88	15	0.078 U	**230**	0.031 J	15	0.028 J	20
Pyrene	129-00-0	100	500	**180**	0.081 U	15	0.057 J	16 J	0.078 U	36	8.9	0.078 U	74	0.08 U	6.4	0.079 U	9.5
Total PAHs (mg/Kg)	NA	NL	NL	5500	0.048	131.61	0.661	186.8	0.571	551.7	137.94	--- U	1091.3	0.085	101.15	0.064	159.76
Other SVOCs (mg/Kg)																	
1,1'-Biphenyl	92-52-4	NL	NL	38	0.4 U	2.7	0.38 U	3.9	0.055 J	10	1.9 J	0.38 U	17	0.4 U	1.6	0.39 U	2.4
2,2'-oxybis(1-Chloropropane)	108-60-1	NL	NL	1.6 U	0.081 U	0.39 U	0.078 U	0.4 U	0.078 U	1.7 U	0.4 U	0.078 U	0.85 U	0.08 U	0.081 U	0.079 U	0.16 U
2,4,5-Trichlorophenol	95-95-4	NL	NL	7.9 U	0.4 U	1.9 U	0.38 U	2 U	0.38 U	8.3 U	2 U	0.38 U	4.2 U	0.4 U	0.4 U	0.39 U	0.79 U
2,4,6-Trichlorophenol	88-06-2	NL	NL	7.9 U	0.4 U	1.9 U	0.38 U	2 U	0.38 U	8.3 U	2 U	0.38 U	4.2 U	0.4 U	0.4 U	0.39 U	0.79 U
2,4-Dichlorophenol	120-83-2	NL	NL	1.6 U	0.081 U	0.39 U	0.078 U	0.4 U	0.078 U	1.7 U	0.4 U	0.078 U	0.85 U	0.08 U	0.081 U	0.079 U	0.16 U
2,4-Dimethylphenol	105-67-9	NL	NL	7.9 U	0.4 U	1.9 U	0.38 U	2 U	0.38 U	8.3 U	0.68 J	0.38 U	4.2 U	0.4 U	0.4 U	0.39 U	0.79 U
2,4-Dinitrophenol	51-28-5	NL	NL	41 UJ	2 UJ	10 UJ	2 UJ	10 UJ	2 UJ	43 U	10 UJ	2 UJ	22 UJ	2 UJ	2.1 U	2 U	4.1 U
2,4-Dinitrotoluene	121-14-2	NL	NL	7.9 U	0.4 U	1.9 U	0.38 U	2 U	0.38 U	8.3 U	2 U	0.38 U	4.2 U	0.4 U	0.4 U	0.39 U	0.79 U
2,6-Dinitrotoluene	606-20-2	NL	NL	7.9 U	0.4 U	1.9 U	0.38 U	2 U	0.38 U	8.3 U	2 U	0.38 U	4.2 U	0.4 U	0.4 U	0.39 U	0.79 U
2-Chloronaphthalene	91-58-7	NL	NL	1.6 U	0.081 U	0.39 U	0.078 U	0.4 U	0.078 U	1.7 U	0.4 U	0.078 U	0.85 U	0.08 U	0.081 U	0.079 U	0.16 U
2-Chlorophenol	95-57-8	NL	NL	7.9 U	0.4 U	1.9 U	0.38 U	2 U	0.38 U	8.3 U	2 U	0.38 U	4.2 U	0.4 U	0.4 U	0.39 U	0.79 U
2-Methylphenol	95-48-7	100	500	7.9 U	0.4 U	1.9 U	0.38 U	2 U	0.38 U	8.3 U	0.41 J	0.38 U	4.2 U	0.4 U	0.4 U	0.39 U	0.79 U
2-Nitroaniline	88-74-4	NL	NL	41 U	2 U	10 U	2 U	10 U	2 U	43 U	10 U	2 U	22 U	2 U	2.1 U	2 U	4.1 U
2-Nitrophenol	88-75-5	NL	NL	7.9 U	0.4 U	1.9 U	0.38 U	2 U	0.38 U	8.3 U	2 U	0.38 U	4.2 U	0.4 U	0.4 U	0.39 U	0.79 U
3,3'-Dichlorobenzidine	91-94-1	NL	NL	7.9 U	0.4 U	1.9 UJ	0.38 UJ	2 UJ	0.38 U	8.3 U	2 U	0.38 U	4.2 U	0.4 U	0.4 U	0.39 U	0.79 U
3-Nitroaniline	99-09-2	NL	NL	41 U	2 U	10 U	2 U	10 U	2 U	43 U	10 U	2 U	22 U	2 U	2.1 U	2 U	4.1 U
4,6-Dinitro-2-methylphenol	534-52-1	NL	NL	41 U	2 U	10 UJ	2 UJ	10 UJ	2 UJ	43 U	10 U	2 U	22 U	2 U	2.1 U	2 U	4.1 U
4-Bromophenyl phenyl ether	101-55-3	NL	NL	7.9 U	0.4 U	1.9 U	0.38 U	2 U	0.38 U	8.3 U	2 U	0.38 U	4.2 U	0.4 U	0.4 U	0.39 U	0.79 U
4-Chloro-3-methylphenol	59-50-7	NL	NL	7.9 U	0.4 U	1.9 U	0.38 U	2 U	0.38 U	8.3 U	2 U	0.38 U	4.2 U	0.4 U	0.4 U	0.39 U	0.79 U
4-Chloroaniline	106-47-8	NL	NL	7.9 U	0.4 U	1.9 U	0.38 U	2 U	0.38 U	8.3 U	2 U	0.38 U	4.2 U	0.4 U	0.4 U	0.39 U	0.79 U
4-Chlorophenyl phenyl ether	7005-72-3	NL	NL	7.9 U	0.4 U	1.9 U	0.38 U	2 U	0.38 U	8.3 U	2 U	0.38 U	4.2 U	0.4 U	0.4 U	0.39 U	0.79 U
4-Methylphenol	106-44-5	100	500	7.9 U	0.4 U	1.9 U	0.38 U	2 U	0.38 U	8.3 U	0.8 J	0.38 U	4.2 U	0.4 U	0.4 U	0.39 U	0.79 U
4-Nitroaniline	100-01-6	NL	NL	41 U	2 U	10 U	2 U	10 U	2 U	43 U	10 U	2 U	22 U	2 U	2.1 U	2 U	4.1 U
4-Nitrophenol	100-02-7	NL	NL	41 U	2 U	10 U	2 U	10 U	2 U	43 U	10 U	2 U	22 U	2 U	2.1 U	2 U	4.1 U
Acetophenone	98-86-2	NL	NL	7.9 U	0.4 U	1.9 U	0.38 U	2 U	0.38 U	8.3 U	2 U	0.38 U	4.2 U	0.4 U	0.4 U	0.39 U	0.79 U
Atrazine	1912-24-9	NL	NL	7.9 UJ	0.4 UJ	1.9 UJ	0.38 UJ	2 UJ	0.38 UJ	8.3 UJ	2 UJ	0.38 UJ	4.2 UJ	0.4 UJ	0.4 U	0.39 U	0.79 U
Benzaldehyde	100-52-7	NL	NL	7.9 UJ	0.4 UJ	1.9 UJ	0.38 UJ	2 UJ	0.38 UJ	8.3 U	2 UJ	0.38 UJ	4.2 UJ	0.4 UJ	0.4 UJ	0.39 UJ	0.79 UJ
bis(2-Chloroethoxy)methane	111-91-1	NL	NL	7.9 U	0.4 U	1.9 U	0.38 U	2 U	0.38 U	8.3 U	2 U	0.38 U	4.2 U	0.4 U	0.4 U	0.39 U	0.79 U
bis(2-Chloroethyl) ether	111-44-4	NL	NL	1.6 U	0.081 U	0.39 U	0.078 U	0.4 U	0.078 U	1.7 U	0.4 U	0.078 U	0.85 U	0.08 U	0.081 U	0.079 U	0.16 U
bis(2-Ethylhexyl) phthalate	117-81-7	NL	NL	7.9 U	0.4 U	1.9 U	0.38 U	2 U	0.38 U	2.8 J	2 U	0.38 U	4.2 U	0.4 U	0.4 U	0.39 U	0.79 U
Butyl benzyl phthalate	85-68-7	NL	NL	7.9 U	0.4 U	1.9 U	0.38 U	2 U	0.38 U	8.3 U	2 U	0.38 U	0.47 J	0.4 U	0.4 U	0.39 U	0.79 U
Caprolactam	105-60-2	NL	NL	41 U	2 U	10 U	2 U	10 U	2 U	43 U	10 U	2 U	22 U	2 U	2.1 U	2 U	4.1 U
Carbazole	86-74-8	NL	NL	2.8	0.081 U	0.39 U	0.078 U	0.14 J	0.078 U	1.7 U	0.4	0.078 U	0.87	0.08 U	0.09	0.079 U	0.096 J
Dibenzofuran	132-64-9	59	350	9.4	0.4 U	0.92 J	0.38 U	1.1 J	0.38 U	2.9 J	0.83 J	0.38 U	3.7 J	0.4 U	0.5	0.39 U	0.56 J
Diethyl phthalate	131-11-3	NL	NL	7.9 U	0.4 U	1.9 U	0.38 U	2 U	0.38 U	8.3 U	2 U	0.38 U	4.2 U	0.4 U	0.4 U	0.39 U	0.79 U
Dimethyl phthalate	84-66-2	NL	NL	7.9 U	0.083 J	1.9 U	0.38 U	2 U	0.38 U	8.3 U	2 U	0.24 J	4.2 U	0.045 J	0.4 U	0.39 U	0.79 U
Di-n-butyl phthalate	84-74-2	NL	NL	7.9 U	0.4 U	1.9 U	0.38 U	2 U	0.38 U	8.3 U	2 U	0.38 U	4.2 U	0.4 U	0.4 U	0.39 U	0.79 U
Di-n-octyl phthalate	117-84-0	NL	NL	7.9 U	0.4 U	1.9 U	0.38 U	2 U	0.38 U	0.98 J	2 U	0.38 U	4.2 U	0.4 U	0.4 U	0.39 U	0.79 U
Hexachlorobenzene	118-74-1	1.2	6	1.6 U	0.081 U	0.39 U	0.078 U	0.4 U	0.078 U	1.7 U	0.4 U	0.078 U	0.85 U	0.08 U	0.081 U	0.079 U	0.16 U
Hexachlorobutadiene	87-68-3	NL	NL	1.6 U	0.081 U	0.39 U	0.078 U	0.4 U	0.078 U	1.7 U	0.4 U	0.078 U	0.85 U	0.08 U	0.081 U	0.079 U	0.16 U
Hexachlorocyclopentadiene	77-47-4	NL	NL	7.9 U	0.4 U	1.9 UJ	0.38 UJ	2 UJ	0.38 UJ	8.3 UJ	2 UJ	0.38 U	4.2 UJ	0.4 U	0.4 UJ	0.39 UJ	0.79 UJ
Hexachloroethane	67-72-1	NL	NL	7.9 U	0.4 U	1.9 U	0.38 U	2 U	0.38 U	8.3 U	2 U	0.38 U	4.2 U	0.4 U	0.4 U	0.39 U	0.79 U
Isophorone	78-59-1	NL	NL	7.9 U	0.4 U	1.9 U	0.38 U	2 U	0.38 U	8.3 U	2 U	0.38 U	4.2 U	0.4 U	0.4 U	0.39 U	0.79 U
Nitrobenzene	98-95-3	NL	NL	1.6 U	0.081 U	0.39 U	0.078 U	0.4 U	0.078 U	1.7 U	0.4 U	0.078 U	0.85 U	0.08 U	0.081 U	0.079 U	0.16 U
N-Nitrosodi-n-propylamine	621-64-7	NL	NL	1.6 U	0.081 U	0.39 U	0.078 U	0.4 U	0.078 U	1.7 U	0.4 U	0.078 U	0.85 U	0.08 U	0.081 U	0.079 U	0.16 U
N-Nitrosodiphenylamine	86-30-6	NL	NL	1.6 U	0.081 U	0.39 U	0.078 U	0.4 U	0.078 U	1.7 U	0.4 U	0.078 U	0.85 U	0.08 U	0.081 U	0.079 U	0.16 U
Pentachlorophenol	87-86-5	6.7	6.7	7.9 U	0.4 U	1.9 U	0.38 U	2 U	0.38 U	8.3 U	2 U	0.38 U	4.2 U	0.4 U	0.4 U	0.39 U	0.79 U
Phenol	108-95-2	100	500	1.6 U	0.081 U	0.14 J	0.14	0.4 U	0.099	1.7 U	0.4 U	0.078 U	0.85 U	0.08 U	0.081 U	0.079 U	0.16 U
Total SVOCs (mg/Kg) (Note 1)	NA	NL	NL	5550.2	0.131	135.37	0.801	191.94	0.725	568.38	142.96	0.24	1113.34	0.13	103.34	0.064	162.816

Notes:
NL = Not Listed
NA = Not Applicable
U = The material was analyzed for but not detected at or above the reporting limit. The associated numerical value is the sample quantitation limit.
J = The associated numerical value is an estimated quantity.
Bold value - compound detected at concentration greater than the Restricted Residential SCO.
Yellow Shading = Compound detected in concentration greater than the Commercial SCO.
NYSDEC Subpart 375-6, Remedial Program Soil Cleanup Objectives, December 14, 2006.
(Note 1) - Total SVOCs includes all of the PAH and other SVOC compounds.

Table 5-2
Subsurface Soil SVOC Results
Schenectady Clinton Street MGP Site

Location ID Sample Designation Sample Date Lab Sample ID	CAS #	NYSDEC Part 375-6 Restricted Residential Use Soil Cleanup Objectives	NYSDEC Part 375-6 Commercial Use Soil Cleanup Objectives	SB39 SB39(47.5-50) 10/20/2008 C8J220183006	SB40 SB40(14-16) 10/9/2008 C8J110134001	SB40 SB40(50-52) 10/9/2008 C8J110134002	SB41 SB41(15-17) 10/8/2008 C8J100124003	SB41 SB4(20-22) 10/8/2008 C8J100124004	SB44 SB44(38-40) 11/5/2008 C8K070273003	SB44 SB440(38-40) DUPLICATE C8K070273004	SB44 SB44(52.5-55) 11/5/2008 C8K070273005	SB45 SB45(8-10) 10/6/2008 C8J100124001	SB45 SB45(20-22) 10/7/2008 C8J100124002	SB46 SB46(8-10) 7/24/2008 C8G260118002	SB46 SB46(74-76) 7/31/2008 C8H080154001	SB47 SB47(18-20.5) 11/4/2008 C8K070273001	SB47 SB47(38-40) 11/4/2008 C8K070273002
PAH Compounds (mg/Kg)																	
2-Methylnaphthalene	91-57-6	NL	NL	0.03 J	0.12	0.079 U	1.2	0.087 U	790	750	0.079 U	2600	0.041 J	5.9	0.38 U	0.63	0.083 U
Acenaphthene	83-32-9	100	500	0.082 U	1.3	0.079 U	13	0.087 U	**460**	**420**	0.079 U	**280**	0.022 J	6.8	0.38 U	0.28	0.24
Acenaphthylene	208-96-8	100	500	0.058 J	0.54	0.079 U	3.8	0.087 U	84	77	0.079 U	**1700**	0.043 J	0.99 J	0.38 U	0.088 U	0.043 J
Anthracene	120-12-7	100	500	0.082 U	1.4	0.079 U	18	0.087 U	**220**	**210**	0.079 U	**1200**	0.058 J	7.6	0.38 U	0.06 J	0.083 U
Benzo(a)anthracene	56-55-3	1	5.6	0.082 U	0.66	0.079 U	**23**	0.087 U	**130**	**120**	0.079 U	**890**	0.083 U	**14**	0.38 U	0.051 J	0.083 U
Benzo(a)pyrene	50-32-8	1	1	0.082 U	0.38	0.079 U	**20**	0.087 U	**85**	**78**	0.079 U	**800**	0.083 U	**12**	0.38 U	0.034 J	0.083 U
Benzo(b)fluoranthene	205-99-2	1	5.6	0.082 UJ	0.36	0.079 U	**29**	0.087 U	**78**	**72**	0.079 U	**1100**	0.083 U	**16 J**	0.38 U	0.049 J	0.083 U
Benzo(ghi)perylene	191-24-2	100	500	0.082 U	0.2	0.079 UJ	13	0.087 U	32	29	0.079 U	**510**	0.083 U	6.6	0.38 U	0.088 U	0.083 U
Benzo(k)fluoranthene	207-08-9	3.9	56	0.082 U	0.081 U	0.079 U	0.42 U	0.087 U	8.1 U	8.1 U	0.079 U	16 U	0.083 U	4 U	0.38 U	0.088 U	0.083 U
Chrysene	218-01-9	3.9	56	0.082 U	0.5	0.079 U	**17**	0.087 U	**110**	**90**	0.079 U	**710**	0.083 U	**10**	0.38 U	0.042 J	0.083 U
Dibenz(a,h)anthracene	53-70-3	0.33	0.56	0.082 U	0.064 J	0.079 UJ	**3.3**	0.087 U	**8.2**	**7.7 J**	0.079 U	**95**	0.083 U	**2.2 J**	0.38 U	0.088 U	0.083 U
Fluoranthene	206-44-0	100	500	0.082 U	1.2	0.079 U	47	0.087 U	**220**	**210**	0.079 U	**2200**	0.26	31	0.38 U	0.082 J	0.083 U
Fluorene	86-73-7	100	500	0.082 U	1	0.079 U	10	0.087 U	**250**	**240**	0.079 U	**990**	0.036 J	6.1	0.38 U	0.15	0.14
Indeno(1,2,3-cd)pyrene	193-39-5	.5	5.6	0.082 U	0.14	0.079 UJ	**12**	0.087 U	**23**	**22**	0.079 U	**440**	0.083 U	**6.2 J**	0.38 U	0.016 J	0.083 U
Naphthalene	91-20-3	100	500	0.064 J	0.28	0.079 U	13	0.12	**1900**	**1800**	0.053 J	**42000**	0.56	75	0.38 U	3.1	0.23
Phenanthrene	85-01-8	100	500	0.028 J	3.5	0.061 J	67	0.031 J	**730**	**680**	0.079 U	**4500**	0.14	21	0.38 U	0.17	0.083 U
Pyrene	129-00-0	100	500	0.082 U	1.7	0.079 U	57	0.087 U	**310**	**280**	0.079 U	**2100**	0.23	23	0.38 U	0.072 J	0.083 U
Total PAHs (mg/Kg)	NA	NL	NL	0.18	13.344	0.061	347.3	0.151	5430.2	5085.7	0.053	62115	1.39	244.39	--- U	4.736	0.653
Other SVOCs (mg/Kg)																	
1,1'-Biphenyl	92-52-4	NL	NL	0.045 J	0.23 J	0.39 U	2.8	0.43 U	98	88	0.027 J	510	0.41 U	1.4 J	0.38 U	0.038 J	0.41 U
2,2'-oxybis(1-Chloropropane)	108-60-1	NL	NL	0.082 U	0.081 U	0.079 U	0.42 U	0.087 U	8.1 U	8.1 U	0.079 U	16 U	0.083 U	4 U	0.38 U	0.088 U	0.083 U
2,4,5-Trichlorophenol	95-95-4	NL	NL	0.4 U	0.4 U	0.39 U	2.1 U	0.43 U	40 U	40 U	0.39 U	79 U	0.41 U	4 U	0.38 U	0.43 U	0.41 U
2,4,6-Trichlorophenol	88-06-2	NL	NL	0.4 U	0.4 U	0.39 U	2.1 U	0.43 U	40 U	40 U	0.39 U	79 U	0.41 U	4 U	0.38 U	0.43 U	0.41 U
2,4-Dichlorophenol	120-83-2	NL	NL	0.082 U	0.081 U	0.079 U	0.42 U	0.087 U	8.1 U	8.1 U	0.079 U	16 U	0.083 U	4 U	0.38 U	0.088 U	0.083 U
2,4-Dimethylphenol	105-67-9	NL	NL	0.4 U	0.4 U	0.39 U	0.19 J	0.43 U	40 U	40 U	0.39 U	440	0.41 U	4 U	0.38 U	0.43 U	0.41 U
2,4-Dinitrophenol	51-28-5	NL	NL	2.1 U	2 U	2 UJ	11 U	2.2 U	200 U	200 U	2 U	410 U	2.1 U	19 U	1.8 U	2.2 U	2.1 U
2,4-Dinitrotoluene	121-14-2	NL	NL	0.4 U	0.4 U	0.39 U	2.1 U	0.43 U	40 U	40 U	0.39 U	79 U	0.41 U	4 U	0.38 U	0.43 U	0.41 U
2,6-Dinitrotoluene	606-20-2	NL	NL	0.4 U	0.4 U	0.39 U	2.1 U	0.43 U	40 U	40 U	0.39 U	79 U	0.41 U	4 U	0.38 U	0.43 U	0.41 U
2-Chloronaphthalene	91-58-7	NL	NL	0.082 U	0.081 U	0.079 U	0.42 U	0.087 U	8.1 U	8.1 U	0.079 U	16 U	0.083 U	4 U	0.38 U	0.088 U	0.083 U
2-Chlorophenol	95-57-8	NL	NL	0.4 U	0.4 U	0.39 U	2.1 U	0.43 U	40 U	40 U	0.39 U	79 U	0.41 U	4 U	0.38 U	0.43 U	0.41 U
2-Methylphenol	95-48-7	100	500	0.4 U	0.4 U	0.39 U	2.1 U	0.43 U	40 U	40 U	0.39 U	**280**	0.41 U	4 U	0.38 U	0.43 U	0.41 U
2-Nitroaniline	88-74-4	NL	NL	2.1 U	2 U	2 U	11 U	2.2 U	200 U	200 U	2 U	410 U	2.1 U	19 U	1.8 U	2.2 U	2.1 U
2-Nitrophenol	88-75-5	NL	NL	0.4 U	0.4 U	0.39 U	2.1 U	0.43 U	40 U	40 U	0.39 U	79 U	0.41 U	4 U	0.38 U	0.43 U	0.41 U
3,3'-Dichlorobenzidine	91-94-1	NL	NL	0.4 U	0.4 U	0.39 U	2.1 UJ	0.43 UJ	40 U	40 U	0.39 U	79 UJ	0.41 UJ	19 U	1.8 U	0.43 U	0.41 U
3-Nitroaniline	99-09-2	NL	NL	2.1 U	2 U	2 U	11 U	2.2 U	200 U	200 U	2 U	410 U	2.1 U	19 U	1.8 U	2.2 U	2.1 U
4,6-Dinitro-2-methylphenol	534-52-1	NL	NL	2.1 U	2 U	2 U	11 U	2.2 U	200 U	200 U	2 U	410 U	2.1 U	19 U	1.8 U	2.2 U	2.1 U
4-Bromophenyl phenyl ether	101-55-3	NL	NL	0.4 U	0.4 U	0.39 U	2.1 U	0.43 U	40 U	40 U	0.39 U	79 U	0.41 U	4 U	0.38 U	0.43 U	0.41 U
4-Chloro-3-methylphenol	59-50-7	NL	NL	0.4 U	0.4 U	0.39 U	2.1 U	0.43 U	40 U	40 U	0.39 U	5.6 J	0.41 U	4 U	0.38 U	0.43 U	0.41 U
4-Chloroaniline	106-47-8	NL	NL	0.4 U	0.4 U	0.39 U	2.1 U	0.43 U	40 U	40 U	0.39 U	79 U	0.41 U	4 U	0.38 U	0.43 U	0.41 U
4-Chlorophenyl phenyl ether	7005-72-3	NL	NL	0.4 U	0.4 U	0.39 U	2.1 U	0.43 U	40 U	40 U	0.39 U	79 U	0.41 U	4 U	0.38 U	0.43 U	0.41 U
4-Methylphenol	106-44-5	100	500	0.4 U	0.4 U	0.39 U	2.1 U	0.43 U	40 U	40 U	0.39 U	**490**	0.41 U	4 U	0.38 U	0.43 U	0.41 U
4-Nitroaniline	100-01-6	NL	NL	2.1 U	2 U	2 U	11 UJ	2.2 UJ	200 U	200 U	2 U	410 UJ	2.1 UJ	19 UJ	1.8 U	2.2 U	2.1 U
4-Nitrophenol	100-02-7	NL	NL	2.1 U	2 U	2 U	11 U	2.2 U	200 U	200 U	2 U	410 U	2.1 U	19 U	1.8 U	2.2 U	2.1 U
Acetophenone	98-86-2	NL	NL	0.4 U	0.4 U	0.39 U	2.1 U	0.43 U	40 U	40 U	0.39 U	8.9 J	0.41 U	4 U	0.38 U	0.43 U	0.41 U
Atrazine	1912-24-9	NL	NL	0.4 U	0.4 UJ	0.39 UJ	2.1 UJ	0.43 UJ	40 U	40 U	0.39 U	79 UJ	0.41 UJ	4 U	0.38 U	0.43 U	0.41 U
Benzaldehyde	100-52-7	NL	NL	0.4 UJ	0.4 U	0.39 U	2.1 U	0.43 U	40 U	40 U	0.39 U	79 U	0.41 U	4 UJ	0.38 UJ	0.43 U	0.41 U
bis(2-Chloroethoxy)methane	111-91-1	NL	NL	0.4 U	0.4 U	0.39 U	2.1 U	0.43 U	40 U	40 U	0.39 U	79 U	0.41 U	4 U	0.38 U	0.43 U	0.41 U
bis(2-Chloroethyl) ether	111-44-4	NL	NL	0.082 U	0.081 U	0.079 U	0.42 U	0.087 U	8.1 U	8.1 U	0.079 U	16 U	0.083 U	4 U	0.38 U	0.088 U	0.083 U
bis(2-Ethylhexyl) phthalate	117-81-7	NL	NL	1.2	0.14 J	0.39 U	1.5 J	0.43 U	40 U	40 U	0.097 J	79 U	0.41 U	4 U	0.38 U	0.43	0.097 J
Butyl benzyl phthalate	85-68-7	NL	NL	0.4 U	0.4 U	0.39 U	2.1 U	0.43 U	40 U	40 U	0.39 U	79 U	0.41 U	4 U	0.38 U	0.43 U	0.41 U
Caprolactam	105-60-2	NL	NL	2.1 U	2 U	2 U	11 U	2.2 U	200 U	200 U	2 U	410 U	2.1 U	4 U	0.38 U	2.2 U	2.1 U
Carbazole	86-74-8	NL	NL	0.082 U	0.37	0.079 U	4.4	0.087 U	4.6 J	4.1 J	0.079 U	460	0.083 U	3.2 J	0.38 U	0.11	0.13
Dibenzofuran	132-64-9	59	350	0.4 U	0.085 J	0.39 U	3.6	0.43 U	23 J	22 J	0.39 U	**1200**	0.048 J	6.3	0.38 U	0.1 J	0.096 J
Diethyl phthalate	131-11-3	NL	NL	0.4 U	0.4 U	0.39 U	2.1 U	0.43 U	40 U	40 U	0.39 U	79 U	0.41 U	4 U	0.38 U	0.43 U	0.41 U
Dimethyl phthalate	84-66-2	NL	NL	0.4 U	0.4 U	0.39 U	2.1 U	0.43 U	40 U	40 U	0.39 U	79 U	0.41 U	4 U	0.38 U	0.43 U	0.41 U
Di-n-butyl phthalate	84-74-2	NL	NL	0.4 U	0.4 U	0.39 U	2.1 U	0.43 U	40 U	40 U	0.39 U	79 U	0.41 U	4 U	0.38 U	0.43 U	0.41 U
Di-n-octyl phthalate	117-84-0	NL	NL	0.4 U	0.038 J	0.39 U	2.1 U	0.43 U	40 U	40 U	0.39 U	79 U	0.41 U	4 U	0.38 U	0.43 U	0.41 U
Hexachlorobenzene	118-74-1	1.2	6	0.082 U	0.081 U	0.079 U	0.42 U	0.087 U	8.1 U	8.1 U	0.079 U	16 U	0.083 U	4 U	0.38 U	0.088 U	0.083 U
Hexachlorobutadiene	87-68-3	NL	NL	0.082 U	0.081 U	0.079 U	0.42 U	0.087 U	8.1 UJ	8.1 U	0.079 U	16 U	0.083 U	4 U	0.38 U	0.088 UJ	0.083 UJ
Hexachlorocyclopentadiene	77-47-4	NL	NL	0.4 UJ	0.4 UJ	0.39 UJ	2.1 UJ	0.43 UJ	40 U	40 UJ	0.39 UJ	79 UJ	0.41 UJ	19 U	1.8 U	0.43 U	0.41 U
Hexachloroethane	67-72-1	NL	NL	0.4 U	0.4 U	0.39 U	2.1 U	0.43 U	40 U	40 U	0.39 U	79 U	0.41 U	4 U	0.38 U	0.43 U	0.41 U
Isophorone	78-59-1	NL	NL	0.4 U	0.4 U	0.39 U	2.1 U	0.43 U	40 U	40 U	0.39 U	79 U	0.41 U	4 U	0.38 U	0.43 U	0.41 U
Nitrobenzene	98-95-3	NL	NL	0.082 U	0.081 U	0.079 U	0.42 U	0.087 U	8.1 U	8.1 U	0.079 U	16 U	0.083 U	4 U	0.38 U	0.088 U	0.083 U
N-Nitrosodi-n-propylamine	621-64-7	NL	NL	0.082 U	0.081 U	0.079 U	0.42 U	0.087 U	8.1 U	8.1 U	0.079 U	16 U	0.083 U	4 U	0.38 U	0.088 U	0.083 U
N-Nitrosodiphenylamine	86-30-6	NL	NL	0.082 U	0.081 U	0.079 U	0.42 U	0.087 U	8.1 U	8.1 U	0.079 U	16 U	0.083 U	4 U	0.38 U	0.088 U	0.083 U
Pentachlorophenol	87-86-5	6.7	6.7	0.4 U	0.4 U	0.39 U	2.1 U	0.43 U	40 U	40 U	0.39 U	79 U	0.41 U	19 U	1.8 U	0.43 U	0.41 U
Phenol	108-95-2	100	500	0.082 U	0.081 U	0.079 U	0.42 U	0.087 U	8.1 U	8.1 U	0.079 U	**140**	0.083 U	4 U	0.38 U	0.088 U	0.083 U
Total SVOCs (mg/Kg) (Note 1)	NA	NL	NL	1.425	14.207	0.061	359.79	0.151	5555.8	5199.8	0.177	65649.5	1.438	255.29	--- U	5.414	0.976

Notes:
NL = Not Listed
NA = Not Applicable
U = The material was analyzed for but not detected at or above the reporting limit. The associated numerical value is the sample quantitation limit.
J = The associated numerical value is an estimated quantity.
Bold value - compound detected at concentration greater than the Restricted Residential SCO.
Yellow Shading = Compound detected in concentration greater than the Commercial SCO.
NYSDEC Subpart 375-6, Remedial Program Soil Cleanup Objectives, December 14, 2006.
(Note 1) - Total SVOCs includes all of the PAH and other SVOC compounds.

Table 5-2
Subsurface Soil SVOC Results
Schenectady Clinton Street MGP Site

Location ID Sample Designation Sample Date Lab Sample ID	CAS #	NYSDEC Part 375-6 Restricted Residential Use Soil Cleanup Objectives	NYSDEC Part 375-6 Commercial Use Soil Cleanup Objectives	SB49 SB49(8-10) 8/1/2008 C8H080154002	SB49 SB49(22-24) 8/1/2008 C8H080154003	SB49 SB49(28-30) 8/1/2008 C8H080154004	SB49 SB49(72-74) 8/4/2008 C8H080154005	SB50 SB50(14.5-15) 7/17/2008 C8G220214001	SB50 SB50(22-24) 7/17/2008 C8G220214002	SB50 SB50(24-26) 7/17/2008 C8G220214003	SB50 SB50(80-81) 7/22/2008 C8G260118001	SB51 SB51(23.5-25.5) 9/2/2008 C8I060176001	SB53 SB53(25-26) 12/8/2008 C8L110357003	SB54 SB54(11-12) 12/9/2008 C8L110357004	SB56 SB56(11-12) 12/9/2008 C8L110357005	SB57 SB57(11-12) 12/9/2008 C8L110357006	SB59 SB59(15-16) 12/9/2008 C8L110357007	SB59 SB59(23-24) 12/9/2008 C8L110357008
PAH Compounds (mg/Kg)																		
2-Methylnaphthalene	91-57-6	NL	NL	0.077 J	0.49 U	0.45 U	0.37 U	26	0.15 J	0.049 J	0.39 U	0.44 U	0.019 J	0.081 U	0.083 U	0.08 U	0.08 U	0.081 U
Acenaphthene	83-32-9	100	500	0.56	0.49 U	0.45 U	0.37 U	0.82 J	0.43 U	0.4 U	0.39 U	0.44 U	0.015 J	0.081 U	0.083 U	0.08 U	0.08 U	0.081 U
Acenaphthylene	208-96-8	100	500	0.32 J	0.49 U	0.45 U	0.37 U	0.91 J	0.43 U	0.4 U	0.39 U	0.44 U	0.078 U	0.081 U	0.083 U	0.08 U	0.086	0.081 U
Anthracene	120-12-7	100	500	0.63	0.49 U	0.45 U	0.37 U	1.1 J	0.43 U	0.4 U	0.39 U	0.44 U	0.078 U	0.081 U	0.083 U	0.08 U	0.19	0.081 U
Benzo(a)anthracene	56-55-3	1	5.6	**3**	0.055 J	0.45 U	0.37 U	**1.1 J**	0.43 U	0.032 J	0.39 U	0.44 U	0.078 U	0.081 U	0.083 U	0.08 U	0.08 U	0.081 U
Benzo(a)pyrene	50-32-8	1	1	**1.9**	0.04 J	0.45 U	0.37 U	0.71 J	0.43 U	0.035 J	0.39 U	0.44 U	0.078 U	0.081 U	0.083 U	0.08 U	0.037 J	0.081 U
Benzo(b)fluoranthene	205-99-2	1	5.6	**2.7**	0.044 J	0.45 U	0.37 U	0.98 J	0.43 U	0.044 J	0.39 UJ	0.44 U	0.078 U	0.081 U	0.083 U	0.08 U	0.049 J	0.081 U
Benzo(ghi)perylene	191-24-2	100	500	1.1	0.49 U	0.45 U	0.37 U	0.46 J	0.43 U	0.023 J	0.39 U	0.44 U	0.078 U	0.081 U	0.083 U	0.08 U	0.79	0.081 U
Benzo(k)fluoranthene	207-08-9	3.9	56	0.5 U	0.022 J	0.45 U	0.37 U	4.2 U	0.43 U	0.4 U	0.39 U	0.44 U	0.078 U	0.081 U	0.083 U	0.08 U	0.08 U	0.081 U
Chrysene	218-01-9	3.9	56	2.1	0.033 J	0.45 U	0.37 U	0.9 J	0.43 U	0.031 J	0.39 U	0.44 U	0.078 U	0.081 U	0.083 U	0.08 U	0.08 U	0.081 U
Dibenz(a,h)anthracene	53-70-3	0.33	0.56	0.22 J	0.49 U	0.45 U	0.37 U	4.2 U	0.43 U	0.4 U	0.39 U	0.44 U	0.078 U	0.081 U	0.083 U	0.08 U	0.03 J	0.081 U
Fluoranthene	206-44-0	100	500	15	0.078 J	0.45 U	0.37 U	2 J	0.43 U	0.048 J	0.39 U	0.44 U	0.078 U	0.081 U	0.083 U	0.08 U	0.08 U	0.081 U
Fluorene	86-73-7	100	500	0.37 J	0.49 U	0.45 U	0.37 U	1.5 J	0.43 U	0.4 U	0.39 U	0.44 U	0.078 U	0.081 U	0.083 U	0.08 U	0.08 U	0.081 U
Indeno(1,2,3-cd)pyrene	193-39-5	.5	5.6	**1**	0.49 U	0.45 U	0.37 U	0.36 J	0.43 U	0.017 J	0.39 U	0.44 U	0.078 U	0.081 U	0.083 U	0.08 U	**0.61**	0.081 U
Naphthalene	91-20-3	100	500	0.32 J	0.056 J	0.45 U	0.37 U	**130**	5.2	0.27 J	0.39 U	0.44 U	0.078 U	0.081 U	0.083 U	0.08 U	0.08 U	0.081 U
Phenanthrene	85-01-8	100	500	0.93	0.039 J	0.45 U	0.37 U	3.7 J	0.43 U	0.031 J	0.39 U	0.44 U	0.026 J	0.01 J	0.083 U	0.08 U	0.08 U	0.081 U
Pyrene	129-00-0	100	500	12	0.081 J	0.45 U	0.37 U	2.2 J	0.43 U	0.051 J	0.39 U	0.44 U	0.078 U	0.081 U	0.083 U	0.08 U	0.063 J	0.081 U
Total PAHs (mg/Kg)	NA	NL	NL	42.227	0.448	--- U	--- U	172.74	5.35	0.631	--- U	--- U	0.06	0.01	--- U	--- U	1.855	--- U
Other SVOCs (mg/Kg)																		
1,1'-Biphenyl	92-52-4	NL	NL	0.06 J	0.49 U	0.45 U	0.37 U	2.3 J	0.43 U	0.4 U	0.39 U	0.44 U	0.39 U	0.4 U	0.41 U	0.39 U	0.39 U	0.4 U
2,2'-oxybis(1-Chloropropane)	108-60-1	NL	NL	0.5 U	0.49 U	0.45 U	0.37 U	4.2 U	0.43 U	0.4 U	0.39 U	0.44 U	0.078 U	0.081 U	0.083 U	0.08 U	0.08 U	0.081 U
2,4,5-Trichlorophenol	95-95-4	NL	NL	0.5 U	0.49 U	0.45 U	0.37 U	4.2 U	0.43 U	0.4 U	0.39 U	0.44 U	0.39 U	0.4 U	0.41 U	0.39 U	0.39 U	0.4 U
2,4,6-Trichlorophenol	88-06-2	NL	NL	0.5 U	0.49 U	0.45 U	0.37 U	4.2 U	0.43 U	0.4 U	0.39 U	0.44 U	0.39 U	0.4 U	0.41 U	0.39 U	0.39 U	0.4 U
2,4-Dichlorophenol	120-83-2	NL	NL	0.5 U	0.49 U	0.45 U	0.37 U	4.2 U	0.43 U	0.4 U	0.39 U	0.44 U	0.078 U	0.081 U	0.083 U	0.08 U	0.08 U	0.081 U
2,4-Dimethylphenol	105-67-9	NL	NL	0.5 U	0.49 U	0.45 U	0.37 U	4.2 U	0.43 U	0.4 U	0.39 U	0.44 U	0.39 U	0.4 U	0.41 U	0.39 U	0.39 U	0.4 U
2,4-Dinitrophenol	51-28-5	NL	NL	2.4 U	2.4 U	2.2 U	1.8 U	20 U	2.1 U	1.9 U	1.9 U	2.1 U	2 U	2.1 U	2.1 U	2 U	2 U	2 U
2,4-Dinitrotoluene	121-14-2	NL	NL	0.5 U	0.49 U	0.45 U	0.37 U	4.2 U	0.43 U	0.4 U	0.39 U	0.44 U	0.39 U	0.4 U	0.41 U	0.39 U	0.39 U	0.4 U
2,6-Dinitrotoluene	606-20-2	NL	NL	0.5 U	0.49 U	0.45 U	0.37 U	4.2 U	0.43 U	0.4 U	0.39 U	0.44 U	0.39 U	0.4 U	0.41 U	0.39 U	0.39 U	0.4 U
2-Chloronaphthalene	91-58-7	NL	NL	0.5 U	0.49 U	0.45 U	0.37 U	4.2 U	0.43 U	0.4 U	0.39 U	0.44 U	0.078 U	0.081 U	0.083 U	0.08 U	0.08 U	0.081 U
2-Chlorophenol	95-57-8	NL	NL	0.5 U	0.49 U	0.45 U	0.37 U	4.2 U	0.43 U	0.4 U	0.39 U	0.44 U	0.39 U	0.4 U	0.41 U	0.39 U	0.39 U	0.4 U
2-Methylphenol	95-48-7	100	500	0.5 U	0.49 U	0.45 U	0.37 U	4.2 U	0.43 U	0.4 U	0.39 U	0.44 U	0.39 U	0.4 U	0.41 U	0.39 U	0.39 U	0.4 U
2-Nitroaniline	88-74-4	NL	NL	2.4 U	2.4 U	2.2 U	1.8 U	20 U	2.1 U	1.9 U	1.9 U	2.1 U	2 U	2.1 U	2.1 U	2 U	2 U	2 U
2-Nitrophenol	88-75-5	NL	NL	0.5 U	0.49 U	0.45 U	0.37 U	4.2 U	0.43 U	0.4 U	0.39 U	0.44 U	0.39 U	0.4 U	0.41 U	0.39 U	0.39 U	0.4 U
3,3'-Dichlorobenzidine	91-94-1	NL	NL	2.4 U	2.4 U	2.2 U	1.8 U	20 U	2.1 U	1.9 U	1.9 U	2.1 U	0.39 U	0.4 U	0.41 U	0.39 U	0.39 U	0.4 U
3-Nitroaniline	99-09-2	NL	NL	2.4 U	2.4 U	2.2 U	1.8 U	20 U	2.1 U	1.9 U	1.9 U	2.1 U	2 U	2.1 U	2.1 U	2 U	2 U	2 U
4,6-Dinitro-2-methylphenol	534-52-1	NL	NL	2.4 U	2.4 U	2.2 U	1.8 U	20 U	2.1 U	1.9 U	1.9 U	2.1 U	2 U	2.1 U	2.1 U	2 U	2 U	2 U
4-Bromophenyl phenyl ether	101-55-3	NL	NL	0.5 U	0.49 U	0.45 U	0.37 U	4.2 U	0.43 U	0.4 U	0.39 U	0.44 U	0.39 U	0.4 U	0.41 U	0.39 U	0.39 U	0.4 U
4-Chloro-3-methylphenol	59-50-7	NL	NL	0.5 U	0.49 U	0.45 U	0.37 U	4.2 U	0.43 U	0.4 U	0.39 U	0.44 U	0.39 U	0.4 U	0.41 U	0.39 U	0.39 U	0.4 U
4-Chloroaniline	106-47-8	NL	NL	0.5 U	0.49 U	0.45 U	0.37 U	4.2 U	0.43 U	0.4 U	0.39 U	0.44 U	0.39 U	0.4 U	0.41 U	0.39 U	0.39 U	0.4 U
4-Chlorophenyl phenyl ether	7005-72-3	NL	NL	0.5 U	0.49 U	0.45 U	0.37 U	4.2 U	0.43 U	0.4 U	0.39 U	0.44 U	0.39 U	0.4 U	0.41 U	0.39 U	0.39 U	0.4 U
4-Methylphenol	106-44-5	100	500	0.5 U	0.49 U	0.45 U	0.37 U	4.2 U	0.43 U	0.4 U	0.39 U	0.44 U	0.39 U	0.4 U	0.41 U	0.39 U	0.39 U	0.4 U
4-Nitroaniline	100-01-6	NL	NL	2.4 U	2.4 U	2.2 U	1.8 U	20 U	2.1 U	1.9 U	1.9 UJ	2.1 U	2 U	2.1 U	2.1 U	2 U	2 U	2 U
4-Nitrophenol	100-02-7	NL	NL	2.4 U	2.4 U	2.2 U	1.8 U	20 U	2.1 U	1.9 U	1.9 U	2.1 U	2 U	2.1 U	2.1 U	2 U	2 U	2 U
Acetophenone	98-86-2	NL	NL	0.5 U	0.49 U	0.45 U	0.37 U	4.2 U	0.43 U	0.4 U	0.39 U	0.44 U	0.39 U	0.4 U	0.41 U	0.39 U	0.39 U	0.4 U
Atrazine	1912-24-9	NL	NL	0.5 U	0.49 U	0.45 U	0.37 U	4.2 U	0.43 U	0.4 U	0.39 U	0.44 U	0.39 U	0.4 U	0.41 U	0.39 U	0.39 U	0.4 U
Benzaldehyde	100-52-7	NL	NL	0.5 UJ	0.49 UJ	0.45 UJ	0.37 UJ	4.2 UJ	0.43 UJ	0.4 UJ	0.39 UJ	0.44 UJ	0.39 U	0.4 U	0.41 U	0.39 U	0.39 U	0.4 U
bis(2-Chloroethoxy)methane	111-91-1	NL	NL	0.5 U	0.49 U	0.45 U	0.37 U	4.2 U	0.43 U	0.4 U	0.39 U	0.44 U	0.39 U	0.4 U	0.41 U	0.39 U	0.39 U	0.4 U
bis(2-Chloroethyl) ether	111-44-4	NL	NL	0.5 U	0.49 U	0.45 U	0.37 U	4.2 U	0.43 U	0.4 U	0.39 U	0.44 U	0.078 U	0.081 U	0.083 U	0.08 U	0.08 U	0.081 U
bis(2-Ethylhexyl) phthalate	117-81-7	NL	NL	0.5 U	0.22 J	0.45 U	0.37 U	0.74 J	0.43 U	0.17 J	0.39 U	0.44 U	0.035 J	0.4 U	0.41 U	0.39 U	0.39 U	0.4 U
Butyl benzyl phthalate	85-68-7	NL	NL	0.5 U	0.49 U	0.45 U	0.37 U	4.2 U	0.43 U	0.4 U	0.39 U	0.44 U	0.39 U	0.4 U	0.41 U	0.39 U	0.39 U	0.4 U
Caprolactam	105-60-2	NL	NL	0.5 U	0.49 U	0.45 U	0.37 U	4.2 U	0.43 U	0.4 U	0.39 U	0.44 U	2 U	2.1 U	2.1 U	2 U	2 U	2 U
Carbazole	86-74-8	NL	NL	0.14 J	0.49 U	0.45 U	0.37 U	4.2 U	0.43 U	0.4 U	0.39 U	0.44 U	0.078 U	0.081 U	0.083 U	0.08 U	0.08 U	0.081 U
Dibenzofuran	132-64-9	59	350	0.21 J	0.49 U	0.45 U	0.37 U	1.1 J	0.43 U	0.4 U	0.39 U	0.44 U	0.39 U	0.4 U	0.41 U	0.39 U	0.39 U	0.4 U
Diethyl phthalate	131-11-3	NL	NL	0.5 U	0.49 U	0.45 U	0.37 U	4.2 U	0.43 U	0.4 U	0.39 U	0.44 U	0.39 U	0.4 U	0.41 U	0.39 U	0.39 U	0.4 U
Dimethyl phthalate	84-66-2	NL	NL	0.5 U	0.49 U	0.45 U	0.37 U	4.2 U	0.43 U	0.4 U	0.39 U	0.44 U	0.19 J	0.4 U	0.41 U	0.39 U	0.39 U	0.4 U
Di-n-butyl phthalate	84-74-2	NL	NL	0.5 U	0.49 U	0.45 U	0.37 U	4.2 U	0.43 U	0.4 U	0.39 U	0.44 U	0.39 U	0.4 U	0.41 U	0.39 U	0.39 U	0.4 U
Di-n-octyl phthalate	117-84-0	NL	NL	0.5 U	0.49 U	0.45 U	0.37 U	4.2 U	0.43 U	0.4 U	0.39 U	0.44 U	0.39 U	0.4 U	0.41 U	0.39 U	0.39 U	0.4 U
Hexachlorobenzene	118-74-1	1.2	6	0.5 U	0.49 U	0.45 U	0.37 U	4.2 U	0.43 U	0.4 U	0.39 U	0.44 U	0.078 U	0.081 U	0.083 U	0.08 U	0.08 U	0.081 U
Hexachlorobutadiene	87-68-3	NL	NL	0.5 U	0.49 U	0.45 U	0.37 U	4.2 U	0.43 U	0.4 U	0.39 U	0.44 U	0.078 U	0.081 U	0.083 U	0.08 U	0.08 U	0.081 U
Hexachlorocyclopentadiene	77-47-4	NL	NL	2.4 U	2.4 U	2.2 U	1.8 U	20 U	2.1 U	1.9 U	1.9 U	2.1 UJ	0.39 U	0.4 U	0.41 U	0.39 U	0.39 U	0.4 U
Hexachloroethane	67-72-1	NL	NL	0.5 U	0.49 U	0.45 U	0.37 U	4.2 U	0.43 U	0.4 U	0.39 U	0.44 U	0.39 U	0.4 U	0.41 U	0.39 U	0.39 U	0.4 U
Isophorone	78-59-1	NL	NL	0.5 U	0.49 U	0.45 U	0.37 U	4.2 U	0.43 U	0.4 U	0.096 J	0.44 U	0.39 U	0.4 U	0.41 U	0.39 U	0.39 U	0.4 U
Nitrobenzene	98-95-3	NL	NL	0.5 U	0.49 U	0.45 U	0.37 U	4.2 U	0.43 U	0.4 U	0.39 U	0.44 U	0.078 U	0.081 U	0.083 U	0.08 U	0.08 U	0.081 U
N-Nitrosodi-n-propylamine	621-64-7	NL	NL	0.5 U	0.49 U	0.45 U	0.37 U	4.2 U	0.43 U	0.4 U	0.39 U	0.44 U	0.078 U	0.081 U	0.083 U	0.08 U	0.08 U	0.081 U
N-Nitrosodiphenylamine	86-30-6	NL	NL	0.5 U	0.49 U	0.45 U	0.37 U	4.2 U	0.43 U	0.4 U	0.39 U	0.44 U	0.078 U	0.081 U	0.083 U	0.08 U	0.08 U	0.081 U
Pentachlorophenol	87-86-5	6.7	6.7	2.4 U	2.4 U	2.2 U	1.8 U	20 U	2.1 U	1.9 U	1.9 U	2.1 U	0.39 U	0.4 U	0.41 U	0.39 U	0.39 U	0.4 U
Phenol	108-95-2	100	500	0.5 U	0.49 U	0.45 U	0.37 U	4.2 U	0.43 U	0.4 U	0.39 U	0.44 U	0.078 U	0.081 U	0.083 U	0.08 U	0.08 U	0.081 U
Total SVOCs (mg/Kg) (Note 1)	NA	NL	NL	42.637	0.668	--- U	--- U	176.88	5.35	0.801	0.096	--- U	0.285	0.01	--- U	--- U	1.855	--- U

Notes:
NL = Not Listed
NA = Not Applicable
U = The material was analyzed for but not detected at or above the reporting limit. The associated numerical value is the sample quantitation limit.
J = The associated numerical value is an estimated quantity.
Bold value - compound detected at concentration greater than the Restricted Residential SCO.
Yellow Shading = Compound detected in concentration greater than the Commercial SCO.
NYSDEC Subpart 375-6, Remedial Program Soil Cleanup Objectives, December 14, 2006.
(Note 1) - Total SVOCs includes all of the PAH and other SVOC compounds.

Table 5-3
Subsurface Soil Metals and Cyanide Results
Schenectady Clinton Street MGP Site

Location ID Sample Designation Sample Date Lab Sample ID	CAS #	NYSDEC Part 375-6 Restricted Residential Use Soil Cleanup Objectives	NYSDEC Part 375-6 Commercial Use Soil Cleanup Objectives	TP6 TP6(7)(HORZ 15) 11/1/2006 C6K030390002		TP7 TP7S(7.5)(HORZ 0-10) 10/31/2006 C6K030390001		TP10 TP10(29)E(8-8.5) 7/14/2008 C8G160152001		TP10 TP10(31)E(8-8.5) 7/14/2008 C8G160152002		TP11 TP11(50)E(8-8.5) 7/14/2008 C8G160152003		TP12 TP12(5)W(8-8.5) 7/15/2008 C8G160152004		TP12 TP12(17)W(10.5-11) 7/15/2008 C8G160152005		SB10 SB10(10.5-11.5) 11/7/2006 C6K080197007		SB10 SB10(28-30) 11/7/2006 C6K080197008		SB11 SB11(20-22) 11/7/2006 C6K080197005		SB11 SB11(38-40) 11/7/2006 C6K080197006		SB12 SB12(25-26) 11/8/2006 C6K100374001		SB12 SB12(38-40) 11/8/2006 C6K100374002		SB13 SB-13(10-11) 11/1/2006 C6K030390003	
Metals (mg/Kg)																															
Aluminum	7429-90-5	NL	NL	3780		5380		3880		3720		4980		4450		4000		4380		4460		4030		2440		19300		3530		3560	
Antimony	7440-36-0	NL	NL	1.2	UJ	1.6	UJ	1.1	U	0.54	J	1.3	U	1.3	U	1.2	U	1.2	U	1.3	U	1.4	U	1.1	U	1.4	U	1.2	U	1.3	UJ
Arsenic	7440-38-2	16	16	6.9		6.3		3.8		4.5		2		4		4.2		9.6		3.1		2.8		4.7		6.3		2.5		2.6	
Barium	7440-39-3	400	400	21.3	J	51.4		31.3		40.8		24.2	J	38.6		82.3		29.8		37.3		25	J	21.4	J	181		22.7	J	24.7	J
Beryllium	7440-41-7	72	590	0.38	J	0.47	J	0.46	U	0.47	U	0.5	U	0.53	U	0.5	U	0.46	J	0.45	J	0.42	J	0.25	J	1.7		0.39	J	0.36	J
Cadmium	7440-43-9	4.3	9.3	0.6	U	0.79	U	0.57	U	0.16	J	0.63	U	0.66	U	0.083	J	0.59	U	0.64	U	0.7	U	0.56	U	1.4	U	0.61	U	0.63	U
Calcium	7440-70-2	NL	NL	16200		93600		11500		28400		1490		63000		10500		12800		25500		1570		15000		4050		27300		1630	
Chromium	7440-47-3	180	1500	4.7		6.9		6.2		5.9		6.4		6		7.3		6.4		6		6.1		5.3		20.8		5.4		4.5	
Cobalt	7440-48-4	NL	NL	3.7	J	4.7	J	5.7	U	5.9	U	6.3	U	6.6	U	6.2	U	4.8	J	4.6	J	4.7	J	2.4	J	14.2		4.2	J	3.6	J
Copper	7440-50-8	270	270	11		16.9		29.1		31.8		7.9		15.3		42.2		11.9		10.4		10.9		6.9		30.2		10.1		8.4	J
Iron	7439-89-6	NL	NL	8450		9540		10700		11100		12900		10200		9730		11000		10700		10900		6660		37500		9890		7830	
Lead	7439-92-1	400	1000	16.9		59.6		67.2		77.3		51.9		54.2		379		9.1		4		4		3.2		12.3		3.5		3.1	
Magnesium	7439-95-4	NL	NL	1860		4110		1590		1590		999		2020		1540		2470		6060		1620		2760		7610		6520		1270	
Manganese	7439-96-5	2000	10000	188	J-	226	J-	167		181		90.5		167		101		206		260		299		238		429		259		128	J-
Mercury	7439-97-6	0.81	2.8	0.019	J	0.3		0.51		0.39		0.097		0.28		**1.7**		0.031	J	0.026	J	0.017	J	0.037	U	0.019	J	0.041	U	0.011	J
Nickel	7440-02-0	310	310	7.9		8.1		8.6		10.5		6.2		7.2		6.9		9.6		9.2		10.9		5.9		32.6		8		6.7	
Potassium	7440-09-7	NL	NL	654		789	U	550	J	625		355	J	566	J	549	J	691		856		100	U	563	U	2580		682		634	U
Selenium	7782-49-2	180	1500	0.64		0.92		0.57	U	0.59	U	0.52	J	0.66	U	1.1		0.58	J	0.46	J	0.58	J	0.32	J	1.7		0.42	J	0.33	J
Silver	7440-22-4	180	1500	0.6	U	0.79	U	0.57	U	0.59	U	0.63	U	0.66	U	0.62	U	0.59	U	0.64	U	0.7	U	0.56	U	0.72	U	0.61	U	0.63	U
Sodium	7440-23-5	NL	NL	281	J	865		173	J	264	J	354	J	618	J	390	J	75	J	135	J	113	J	93.5	J	460	J	115	J	317	J
Thallium	7440-28-0	NL	NL	1.2	U	1.6	U	1.1	U	0.6	J	1.3	U	1.3	U	1.4	U	1.2	U	1.3	U	1.4	U	1.1	U	1.4	U	1.2	U	1.3	U
Vanadium	7440-62-2	NL	NL	10.1		12.5		11		10.7		16.3		15.1		10.8		10.8		10.6		10.9		6.3		32.2		11		8.5	
Zinc	7440-66-6	10000	10000	24.5	J	28.6	J	75.7		98.5		34.9		25.2		167		32.6	J	27.9	J	28.8	J	19.4	J	93.5		24.5		19.4	J
Total Cyanide (mg/Kg)	57-12-5	27	27	0.6	U	**110**		0.51	J	0.24	J	0.63	U	**42.1**		0.4	J	0.59	U	0.64	U	0.7	U	0.56	U	0.72	U	0.61	U	0.47	J

Notes:
NL = Not Listed
NA = Not Applicable
U = The material was analyzed for but not detected at or above the reporting limit. The associated numerical value is the sample quantitation limit.
J = The associated numerical value is an estimated quantity.
J- = The result is an estimated quantity, likely to be biased low. The associated numerical value is the approximate concentration of the analyte in the sample.
J+ = The result is an estimated quantity, likely to be biased high. The associated numerical value is the approximate concentration of the analyte in the sample.
Bold value - compound detected at concentration greater than the Restricted Residential SCO.
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NYSDEC Subpart 375-6, Remedial Program Soil Cleanup Objectives, December 14, 2006.

Table 5-3
Subsurface Soil Metals and Cyanide Results
Schenectady Clinton Street MGP Site

Location ID Sample Designation Sample Date Lab Sample ID	CAS #	NYSDEC Part 375-6 Restricted Residential Use Soil Cleanup Objectives	NYSDEC Part 375-6 Commercial Use Soil Cleanup Objectives	SB13 SB13(37-39) 11/9/2006 C6K100374003		SB130 SB130(37-39) DUPLICATE C6K100374004		SB14 SB14(15-17.5) 11/6/2006 C6K080197004		SB14 SB14(38-40) 11/6/2006 C6K080197003		SB15 SB15(34-35) 11/3/2006 C6K060148006		SB16 SB16(35-37) 11/6/2006 C6K080197001		SB16 SB16(49-50) 11/6/2006 C6K080197002		SB18 SB-18(10-11) 11/1/2006 C6K030390004		SB18 SB-18(18.5-20) 11/1/2006 C6K030390005		SB19 SB-19(23-24.5) 11/1/2006 C6K030390009		SB20 SB-20(16.5-18) 11/2/2006 C6K030390012		SB20 SB-20(30-32.5) 11/1/2006 C6K030390010		SB20 SB-20(38.5-40) 11/1/2006 C6K030390011		SB21 SB-21(9-10) 11/1/2006 C6K030390006	
Metals (mg/Kg)																															
Aluminum	7429-90-5	NL	NL	2580		2360		4090		2270		3480		3220		2690		4160		4290		8970		9480		3800		2420		5050	
Antimony	7440-36-0	NL	NL	1.2	U	1.2	U	1.2	U	1.2	U	1.2	UJ	1.2	U	1.2	U	1.2	UJ	1.3	UJ	1.6	UJ	1.3	UJ	1.2	UJ	1.2	UJ	1.2	UJ
Arsenic	7440-38-2	16	16	1.8		1.6		3		4.1		1.5		2.9		1.4		3.8		7.9		5.6		1.5		1.4		1.2		3.6	
Barium	7440-39-3	400	400	13.8	J	12.1	J	29.3		16	J	18.8	J	23.6	J	20.5	J	30.4		22.7	J	62.1		78.7		27		10	J	21	J
Beryllium	7440-41-7	72	590	0.17	J	0.25	J	0.42	J	0.23	J	0.46		0.3	J	0.27	J	0.4	J	0.4	J	0.86		0.93		0.29	J	0.23	J	0.43	J
Cadmium	7440-43-9	4.3	9.3	0.6	U	0.61	U	0.61	U	0.59	U	0.58	U	0.61	U	0.58	U	0.6	U	0.65	U	0.79	U	0.66	U	0.6	U	0.62	U	0.59	U
Calcium	7440-70-2	NL	NL	22000		22100		5400		37800		28600	J-	1730		33900		11600		10600		26700		2430		25900		24400		954	
Chromium	7440-47-3	180	1500	4.4		3.7		5.8		4.9		5.4		4.5		3.9		5.8		6.5		13.5		14.3		5.5		3.5		6.2	
Cobalt	7440-48-4	NL	NL	2.7	J	2.4	J	4.7	J	2.1	J	3.9	J	3.3	J	2.5	J	4.6	J	5	J	8.7		8.7		3.7	J	2.4	J	3.6	J
Copper	7440-50-8	270	270	6.3		6		9.9		8.5		9.4		8		6.7		9.3		10.3		20.4		19.5		9.9		7		6.3	
Iron	7439-89-6	NL	NL	6420		6110		10400		6420		8160		8380		6980		9740		9660		22700		17100		8690		5790		9980	
Lead	7439-92-1	400	1000	2.3		2.1		3.6		2.2		3.4	J-	3.2		2.8		4.9		4.1		8.9		10.4		3.6		2.3		2.7	
Magnesium	7439-95-4	NL	NL	4050		3990		2090		3480		5510		1410		3880		3240		4680		5340		3470		5110		3420		1170	
Manganese	7439-96-5	2000	10000	135		130		279		159		275		58.2		203		360	J-	211	J-	264	J-	133	J-	184	J-	167	J-	95.8	J-
Mercury	7439-97-6	0.81	2.8	0.04	U	0.04	U	0.012	J	0.039	U	0.038	U	0.04	U	0.038	U	0.034	J	0.016	J	0.029	J	0.04	J	0.04	U	0.041	U	0.014	J
Nickel	7440-02-0	310	310	5.6		5.4		9.7		5.5		9	J	7.1		5.7		8.3		9.3		19.9		23		8.2		5.8		6.7	
Potassium	7440-09-7	NL	NL	600	U	605	U	825		588	U	645		611	U	581	U	602	U	651	U	1020		659	U	741		620	U	594	U
Selenium	7782-49-2	180	1500	0.6	U	0.61	U	0.59	J	0.59	U	0.58	U	0.54	J	0.39	J	0.38	J	0.41	J	1.3		1.2		0.56	J	0.42	J	0.52	J
Silver	7440-22-4	180	1500	0.6	U	0.61	U	0.61	U	0.59	U	0.58	U	0.61	U	0.58	U	0.6	U	0.65	U	0.79	U	0.66	U	0.6	U	0.62	U	0.59	U
Sodium	7440-23-5	NL	NL	74.5	J	89.7	J	92.3	J	91.4	J	97.7	J	153	J	89.1	J	284	J	105	J	128	J	166	J	145	J	85.5	J	63.2	J
Thallium	7440-28-0	NL	NL	1.2	U	1.2	U	1.2	U	1.2	U	1.2	U	1.2	U	1.2	U	1.2	U	1.3	U	1.6	U	1.3	U	1.2	U	1.2	U	1.2	U
Vanadium	7440-62-2	NL	NL	7.2		6.6		12		5.2	J	9.2		9.1		6.9		10.2		10.1		19.7		20.4		10.9		6	J	10.4	
Zinc	7440-66-6	10000	10000	16.5		16.8		28	J	28.2	J	25.3	J	22.8	J	18.9	J	25.8	J	28.9	J	57.6	J	59.7	J	23.9	J	17.6	J	23	J
Total Cyanide (mg/Kg)	57-12-5	27	27	0.6	U	0.61	U	0.68		0.59	U	1.4		1.1		0.58	U	0.35	J	0.3	J	0.39	J	0.66	U	0.29	J	0.35	J	0.27	J

Notes:
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J- = The result is an estimated quantity, likely to be biased low. The associated numerical value is the approximate concentration of the analyte in the sample.
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NYSDEC Subpart 375-6, Remedial Program Soil Cleanup Objectives, December 14, 2006.

Table 5-3
Subsurface Soil Metals and Cyanide Results
Schenectady Clinton Street MGP Site

Location ID Sample Designation Sample Date Lab Sample ID	CAS #	NYSDEC Part 375-6 Restricted Residential Use Soil Cleanup Objectives	NYSDEC Part 375-6 Commercial Use Soil Cleanup Objectives	SB22 SB22(18-20) 11/3/2006 C6K060148004	SB220 SB220(18-20) DUPLICATE C6K060148005	SB23 SB23(6-7) 11/3/2006 C6K060148002	SB23 SB23(10-13) 11/3/2006 C6K060148001	SB24 SB-24(13.5-14.5) 11/1/2006 C6K030390007	SB24 SB-24(20-21) 11/1/2006 C6K030390008	SB25 SB25(18-19.5) 11/3/2006 C6K060148003	SB26 SB26(35-37.5) 10/29/2008 C8K010195001	SB27 SB27(23-23.5) 12/8/2008 C8L110357001	SB27 SB27(35-36) 12/8/2008 C8L110357002	SB28 SB28(33.5-35) 10/23/2008 C8J290111005	SB28 SB28(47.5-50) 10/23/2008 C8J290111006	SB31 SB31(25-27.5) 10/17/2008 C8J220183003	SB31 SB31(47.5-50) 10/17/2008 C8J220183004
Metals (mg/Kg)																	
Aluminum	7429-90-5	NL	NL	9570	9870	5210	5370	4980	11100	10100	4140	3020	3140	2500	2820	3670	3490
Antimony	7440-36-0	NL	NL	1.9 UJ	2 UJ	0.63 J	1.2 UJ	1.3 UJ	1.8 UJ	0.44 J	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.3 U
Arsenic	7440-38-2	16	16	6.9	9.5	8.7	4.4	2.7	6.4	7.2	2	2.1	3	1.5	2.7	1.5	2.4
Barium	7440-39-3	400	400	64.7	75.8	120	41.7	25 J	72.1	61.8	23.8 J	37.8	19.4 J	12 J	14.3 J	22.3 J	22.6 J
Beryllium	7440-41-7	72	590	1.1	1.1	0.61	0.58	0.5 J	0.98	0.78	0.33 J	0.47 U	0.48 U	0.48 U	0.46 U	0.49 U	0.51 U
Cadmium	7440-43-9	4.3	9.3	0.93 U	1 U	0.18 J	0.58 U	0.64 U	0.9 U	0.67 U	0.14 J	0.59 U	0.6 U	0.19 J	0.21 J	0.61 U	0.64 U
Calcium	7440-70-2	NL	NL	4900 J-	5560 J-	23800 J	9300 J-	1680	12200	31700 J-	19700	971	24100	22500	29100	2890	26900
Chromium	7440-47-3	180	1500	14.4	15.2	12.5	8.1	6	17.1	12.1	6.6	5	5.4	4.6	5.3	5.6	5.3
Cobalt	7440-48-4	NL	NL	8.9 J	10.5 J	5 J	5 J	4.6 J	12.5	6.6 J	4.4 J	3.4 J	3.2 J	2.5 J	3 J	4.1 J	3.6 J
Copper	7440-50-8	270	270	21.3	26.1	58.9	18.4	10.3	27.1	28.6	11.3	8.3	6.9	5.8	6.8	9.4	9.2
Iron	7439-89-6	NL	NL	18200	21800	23000	12800	9340	25000	19200	11500	10400	10300	8750	8950	9680	9490
Lead	7439-92-1	400	1000	9 J-	10.2 J-	198 J	68.6 J-	3.9	11.5	**1220 J-**	4.2	2.7	3.1	2.4	2.7	3.8	3.4
Magnesium	7439-95-4	NL	NL	3980	3960	2790	2220	1590	6720	6040	5240	1110	5360	4040	4610	1720	6560
Manganese	7439-96-5	2000	10000	180	205	293	293	107 J-	335 J-	264	260	55.1	207	132	172	547	243
Mercury	7439-97-6	0.81	2.8	0.03 J	0.04 J	**1.8**	0.44	0.042 U	0.03 J	0.21	0.0058 J	0.0045 J	0.0084 J	0.0036 J	0.0044 J	0.027 J	0.024 J
Nickel	7440-02-0	310	310	21.1 J	25.9 J	12.7 J	10 J	9.3	26.6	15.4 J	9.8	8.8	8.6	5.9	6.9	9.2	7.6
Potassium	7440-09-7	NL	NL	1210	1410	824	767	643 U	1100	1260 J	725	554 J	630	463 J	534 J	557 J	604 J
Selenium	7782-49-2	180	1500	0.66 J	0.99 J	0.81	0.34 J	0.42 J	1.7	1.4	0.6 U	2.1	0.6 U	0.6 U	0.58 U	0.61 U	0.64 U
Silver	7440-22-4	180	1500	0.93 U	1 U	0.059 J	0.58 U	0.64 U	0.9 U	0.084 J	0.6 U	0.59 U	0.6 U	0.6 U	0.58 U	0.61 U	0.64 U
Sodium	7440-23-5	NL	NL	2570	3240	364 J	331 J	234 J	167 J	1630	90.2 J	44 J	101 J	61.3 J	82.6 J	98.5 J	137 J
Thallium	7440-28-0	NL	NL	1.9 U	2 U	1.2 U	1.2 U	1.3 U	1.8 U	1.3 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.3 U
Vanadium	7440-62-2	NL	NL	23.5	24.2	16.7	12.7	10.3	23.7	25.8	13.5	12	12.1	11	11.3	9	10.2
Zinc	7440-66-6	10000	10000	57.6	68.6 J	127	47.8 J	26.8 J	77.9 J	91.1	29.3	24.5 J	23.6 J	21.1	22.8	26.8	25.2
Total Cyanide (mg/Kg)	57-12-5	27	27	0.93 U	1 U	15.4	1.3	0.31 J	0.48 J	6.5	0.51 J	0.24 J	0.6 U	0.6 U	0.58 U	0.61	0.64 U

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Yellow Shading = Compound detected in concentration greater than the Commercial SCO.
NYSDEC Subpart 375-6, Remedial Program Soil Cleanup Objectives, December 14, 2006.

Table 5-3
Subsurface Soil Metals and Cyanide Results
Schenectady Clinton Street MGP Site

Location ID Sample Designation Sample Date Lab Sample ID	CAS #	NYSDEC Part 375-6 Restricted Residential Use Soil Cleanup Objectives	NYSDEC Part 375-6 Commercial Use Soil Cleanup Objectives	SB32 SB32(20-22.5) 10/15/2008 C8J160275005		SB32 SB32(42-47.5) 10/15/2008 C8J160275006		SB33 SB33(22.5-25) 10/22/2008 C8J290111003		SB33 SB33(35-37.5) 10/22/2008 C8J290111004		SB34 SB34(32.5-35) 10/21/2008 C8J290111001		SB34 SB34(42.5-45) 10/21/2008 C8J290111002		SB36 SB36(10-12) 10/9/2008 C8J110134003		SB36 SB36(17.5-20) 10/13/2008 C8J160275001		SB36 SB36(32.5-35) 10/13/2008 C8J160275002		SB37 SB37(11-12) 10/13/2008 C8J160275003		SB37 SB37(57.6-60) 10/14/2008 C8J160275004		SB38 SB38(22.5-25) 10/16/2008 C8J220183001		SB38 SB38(45-47.5) 10/16/2008 C8J220183002		SB39 SB39(32.5-35) 10/20/2008 C8J220183005	
Metals (mg/Kg)																																	
Aluminum	7429-90-5	NL	NL	3940		7080		4090		2710		4420		3520		4720		4190		2800		3670		4170		4170		3280		4680	
Antimony	7440-36-0	NL	NL	0.26	J-	1.2	UJ	1.2	U	1.2	U	1.2	U	1.2	U	1.3	U	1.2	UJ	1.2	UJ	1.3	UJ	1.2	UJ	1.2	U	1.2	U	1.2	U
Arsenic	7440-38-2	16	16	2.1		4.1		1.7		1.3		1.4		1.5		3.7		2.2		4.2		2		2.8		2		2.1		1.5	
Barium	7440-39-3	400	400	23.9	U	64.9		19.5	J	14.3	J	21.1	J	21.1	J	27.9		24		23.2	U	25.6	U	30		24.8		18.5	J	22.9	J
Beryllium	7440-41-7	72	590	0.48	U	0.7		0.47	U	0.47	U	0.47	U	0.47	U	0.5	U	0.48		0.46	U	0.51	U	0.49		0.49	U	0.48	U	0.48	U
Cadmium	7440-43-9	4.3	9.3	0.6	U	0.6	U	0.25	J	0.22	J	0.25	J	0.24	J	0.63	U	0.6	U	0.58	U	0.64	U	0.6	U	0.61	U	0.6	U	0.6	U
Calcium	7440-70-2	NL	NL	1840		26400		28000		31800		6940		28700		1500		1860		1070		1370		25700		27300		35600		26600	
Chromium	7440-47-3	180	1500	7.3		12.1		7		4.7		7.1		6.3		6.6		7.1		5		5.6		6.9		6.5		5.3		7.3	
Cobalt	7440-48-4	NL	NL	4.3	J	6.6		4.3	J	2.8	J	4.6	J	4	J	4.5	J	4.1	J	2.6	J	3.9	J	4.3	J	4.3	J	3.3	J	4.9	J
Copper	7440-50-8	270	270	8.9		14.2		9.9		6.1		7.3		9.8		9.3		10.3		6.5		5.9		9.7		11.2		9.4		11.3	
Iron	7439-89-6	NL	NL	10800		18000		10800		8360		10900		9960		12100		11400		8610		9480		12600		9710		7960		11300	
Lead	7439-92-1	400	1000	4.1		6.3		4.4		2.5		4.1		3.6		4.3		4.3		2.6		4.5		4.1		4.1		3.5		4.8	
Magnesium	7439-95-4	NL	NL	1790		7700		6440		4200		3880		6660		1800		1770		1240		1350		6870		6820		4700		6700	
Manganese	7439-96-5	2000	10000	203		367		279		334		127		226		76		94.3		145		121		293		224		153		265	
Mercury	7439-97-6	0.81	2.8	0.039	U	0.04	U	0.0075	J	0.0053	J	0.013	J	0.0086	J	0.015	J	0.04	U	0.038	U	0.042	U	0.04	U	0.0091	J	0.0066	J	0.012	J
Nickel	7440-02-0	310	310	9.4		14.1		10		6.3		10.1		8.9		9		9.6		6		10.9		8.9		9.7		8.2		11.3	
Potassium	7440-09-7	NL	NL	706		1230		759		475	J	637		640		802		723		478	J	592	J	743		722		528	J	690	
Selenium	7782-49-2	180	1500	0.6	U	0.6	U	0.59	U	0.58	U	0.59	U	0.59	U	0.23	J	0.6	U	0.58	U	0.31	J	0.6	U	0.61	U	0.6	U	0.6	U
Silver	7440-22-4	180	1500	0.6	U	0.6	U	0.08	J	0.58	U	0.59	U	0.59	U	0.63	U	0.6	U	0.58	U	0.64	U	0.6	U	0.61	U	0.6	U	0.6	U
Sodium	7440-23-5	NL	NL	85	J	248	J	153	J	47.9	J	130	J	94.6	J	56.9	J	81.1	J	74.2	J	291	J	155	J	313	J	95.4	J	117	J
Thallium	7440-28-0	NL	NL	1.2	U	1.2	U	1.2	U	1.2	U	1.2	U	1.2	U	1.3	U	1.2	U	1.2	U	1.3	U	1.2	U	1.2	U	1.2	U	1.2	U
Vanadium	7440-62-2	NL	NL	12.6		19.4		12.5		9.2		12.8		12.7		14.4		13.2		10.5		12.7		14.6		10.5		8.1		11.4	
Zinc	7440-66-6	10000	10000	26.9	J	41.5	J	30.6		22.1	J	33.1		27.4		28		27.6	J	19.8	J	20.8	J	27.5	J	29.1		27.1		32.1	
Total Cyanide (mg/Kg)	57-12-5	27	27	0.74		0.6	U	0.17	J	0.63		0.59	U	0.22	J	0.32	J	2.3		0.58	U	0.64	U	0.6	U	0.61	U	0.6	U	1.9	

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Subsurface Soil Metals and Cyanide Results
Schenectady Clinton Street MGP Site

Location ID Sample Designation Sample Date Lab Sample ID	CAS #	NYSDEC Part 375-6 Restricted Residential Use Soil Cleanup Objectives	NYSDEC Part 375-6 Commercial Use Soil Cleanup Objectives	SB39 SB39(47.5-50) 10/20/2008 C8J220183006	SB40 SB40(14-16) 10/9/2008 C8J110134001	SB40 SB40(50-52) 10/9/2008 C8J110134002	SB41 SB41(15-17) 10/8/2008 C8J100124003	SB41 SB4(20-22) 10/8/2008 C8J100124004	SB44 SB44(38-40) 11/5/2008 C8K070273003	SB44 SB440(38-40) DUPLICATE C8K070273004	SB44 SB44(52.5-55) 11/5/2008 C8K070273005	SB45 SB45(8-10) 10/6/2008 C8J100124001	SB45 SB45(20-22) 10/7/2008 C8J100124002	SB46 SB46(8-10) 7/24/2008 C8G260118002	SB46 SB46(74-76) 7/31/2008 C8H080154001	SB47 SB47(18-20.5) 11/4/2008 C8K070273001	SB47 SB47(38-40) 11/4/2008 C8K070273002
Metals (mg/Kg)																	
Aluminum	7429-90-5	NL	NL	4100	2490	2850	5020	5160	4140	2930	3790	6670	4150	4950	3380	4880	4750
Antimony	7440-36-0	NL	NL	1.2 U	0.4 J	1.2 U	1.3 U	1.3 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.1 U	1.3 U	1.2 U
Arsenic	7440-38-2	16	16	2.4	0.58 J	2.2	3	1.9	3.8	2.8	2.5	6	2.3	2.2	6.3	2.5	1.8
Barium	7440-39-3	400	400	25.7	9.2 J	16 J	27.2	32.7	22.1 J	13.3 J	21.2 J	45.1	30.9	37.2	34.5	25.9 J	23.2 J
Beryllium	7440-41-7	72	590	0.49 U	0.48 U	0.48 U	0.51 U	0.52 U	0.48 U	0.48 U	0.47 U	0.48 U	0.49 U	0.39 J	0.45 U	0.52 U	0.5 U
Cadmium	7440-43-9	4.3	9.3	0.61 U	0.6 U	0.044 J	0.051 J	0.14 J	0.6 U	0.6 U	0.59 U	0.3 J	0.074 J	0.23 J	0.065 J	0.65 U	0.62 U
Calcium	7440-70-2	NL	NL	31500	1270	32800	24500	24500	5990 J	14700 J	29000 J	24900	30800	23400	61200	14500 J	12400 J
Chromium	7440-47-3	180	1500	6.2	4	5.4	6.6	8.5	6.7	4.8	6.5	16.4	6.6	7.1	7.3	7.6	7.8
Cobalt	7440-48-4	NL	NL	4.4 J	2.7 J	2.8 J	4 J	5.4 J	4.3 J	2.8 J	3.8 J	3.3 J	4.2 J	3.7 J	3.1 J	5.3 J	4.9 J
Copper	7440-50-8	270	270	11.4	5.6	7.1	10.3	10.7	9.2	6	10.1	15.9	13	12	8.2	9.8	9.1
Iron	7439-89-6	NL	NL	9720	8210	10000	11500	13600	11200	10700	10300	13600	12000	11200	9780	11100	13100
Lead	7439-92-1	400	1000	4.3	2.8	2.9	10.8	5.2	3.9	2.4	4.1	155	4.1	33.9	3.6	4.3	4.5
Magnesium	7439-95-4	NL	NL	8070	1040	4630	2410	8760	2780	2950	6630	5470	9490	2640	4120	3750	4350
Manganese	7439-96-5	2000	10000	241	62	168	94.6	954	107	107	180	303	288	178	344	254	168
Mercury	7439-97-6	0.81	2.8	0.013 J	0.04 U	0.039 U	0.077	0.043 UJ	0.0056 J	0.0036 J	0.0093 J	**3.5**	0.041 UJ	0.099	0.0091 J	0.014 J	0.012 J
Nickel	7440-02-0	310	310	10.1	6	6.4	8.6	12.5	9.7	6.4	9.3	6.7	9.6	7.8	8.7	10.4	10.8
Potassium	7440-09-7	NL	NL	631	417 J	479 J	643	917	642	517 J	710	1020	802	570 J	512 J	601 J	670
Selenium	7782-49-2	180	1500	0.61 U	0.25 J	0.26 J	0.64 U	0.65 U	0.6 U	0.6 U	0.59 U	0.79	0.62 U	0.61 U	0.57 UJ	0.65 U	0.62 U
Silver	7440-22-4	180	1500	0.61 U	0.6 U	0.59 U	0.64 U	0.29 J	0.6 U	0.6 U	0.59 U	0.13 J	0.62 U	0.61 U	0.57 U	0.65 U	0.62 U
Sodium	7440-23-5	NL	NL	137 J	113 J	40 J	164 J	282 J	87.8 J	55.9 J	73.8 J	608	194 J	287 J	40.4 J	182 J	107 J
Thallium	7440-28-0	NL	NL	1.2 U	1.2 U	1.2 U	1.3 U	1.3 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.1 U	1.3 U	1.2 U
Vanadium	7440-62-2	NL	NL	10.5	10	13.3	12.4	15.6	13	10.9	12	16	14	11.5	9.8	12.6	13.8
Zinc	7440-66-6	10000	10000	29.2	20	21.2	30.2	35.5	30.2 J	20.8 J	26.6 J	67.8	30.5	34.9	27.9	30.9 J	33.3 J
Total Cyanide (mg/Kg)	57-12-5	27	27	0.61 U	4.5	0.59 U	**35.3**	5.5	0.6 U	0.6 U	0.59 U	**429**	5.9	20.3 J+	0.57 U	1.5 U	0.93 U

Notes:
NL = Not Listed
NA = Not Applicable
U = The material was analyzed for but not detected at or above the reporting limit. The associated numerical value is the sample quantitation limit.
J = The associated numerical value is an estimated quantity.
J- = The result is an estimated quantity, likely to be biased low. The associated numerical value is the approximate concentration of the analyte in the sample.
J+ = The result is an estimated quantity, likely to be biased high. The associated numerical value is the approximate concentration of the analyte in the sample.
Bold value - compound detected at concentration greater than the Restricted Residential SCO.
Yellow Shading = Compound detected in concentration greater than the Commercial SCO.
NYSDEC Subpart 375-6, Remedial Program Soil Cleanup Objectives, December 14, 2006.

Table 5-3
Subsurface Soil Metals and Cyanide Results
Schenectady Clinton Street MGP Site

Location ID Sample Designation Sample Date Lab Sample ID	CAS #	NYSDEC Part 375-6 Restricted Residential Use Soil Cleanup Objectives	NYSDEC Part 375-6 Commercial Use Soil Cleanup Objectives	SB49 SB49(8-10) 8/1/2008 C8H080154002	SB49 SB49(22-24) 8/1/2008 C8H080154003	SB49 SB49(28-30) 8/1/2008 C8H080154004	SB49 SB49(72-74) 8/4/2008 C8H080154005	SB50 SB50(14.5-15) 7/17/2008 C8G220214001	SB50 SB50(22-24) 7/17/2008 C8G220214002	SB50 SB50(24-26) 7/17/2008 C8G220214003	SB50 SB50(80-81) 7/22/2008 C8G260118001	SB51 SB51(23.5-25.5) 9/2/2008 C8I060176001	SB53 SB53(25-26) 12/8/2008 C8L110357003	SB54 SB54(11-12) 12/9/2008 C8L110357004	SB56 SB56(11-12) 12/9/2008 C8L110357005	SB57 SB57(11-12) 12/9/2008 C8L110357006	SB59 SB59(15-16) 12/9/2008 C8L110357007	SB59 SB59(23-24) 12/9/2008 C8L110357008
Metals (mg/Kg)																		
Aluminum	7429-90-5	NL	NL	5890	8890	8320	4460	3700	9720	2390	4030	7810	4160	4820	2950	6160	3220	4390
Antimony	7440-36-0	NL	NL	1.5 U	1.5 U	1.4 U	1.1 U	0.23 J	1.3 U	0.14 J	1.2 U	1.3 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
Arsenic	7440-38-2	16	16	4.8	3.3	3.1	11.7	5.2	1.2 J	0.82 J	2.3	3.8	**30.3**	1.9	1.5	3.6	0.63 J	2.1
Barium	7440-39-3	400	400	42.3	55.7	52.3	27.1	68.6	53.7	11.5 J	28.2	48.8	52.6	25.8	8.9 J	40.9	9.8 J	24.9
Beryllium	7440-41-7	72	590	0.6 U	0.63	0.6	0.45 U	0.24 J	0.8	0.19 J	0.36 J	0.62	0.47 U	0.49 U	0.5 U	0.48 U	0.48 U	0.48 U
Cadmium	7440-43-9	4.3	9.3	0.75 U	0.12 J	0.12 J	0.073 J	0.19 J	0.26 J	0.6 U	0.23 J	0.67 U	0.58 U	0.61 U	0.62 U	0.6 U	0.6 U	0.6 U
Calcium	7440-70-2	NL	NL	53200	21500	11600	54300	9910	2280	1620	25800	10100	2450	1470	9720	1200	1190	27100
Chromium	7440-47-3	180	1500	9.1	13.5	12.6	7.3	6.8	15	4.7	6.5	12.1	6.3	6.8	4.6	7.3	5.3	6.9
Cobalt	7440-48-4	NL	NL	7.5 U	8	7.8	5.6 U	3.3 J	7.6	2.1 J	4 J	8	4 **J**	4.8 J	2.9 J	4.3 J	1.9 J	4.5 J
Copper	7440-50-8	270	270	12.1	17.3	16.8	11	28.4	17.4	5.2	11.3	16.9	11.2	10.6	6.6	46	6.2	10.7
Iron	7439-89-6	NL	NL	13700	21300	18000	15100	17200	19900	6390	12200	17900	11700	12400	10100	13500	8220	11600
Lead	7439-92-1	400	1000	9.7	9	8.2	4.3	385	10.3	18.5	4.8	8	4.3	4.1	2.6	4.1	2.9	4.1
Magnesium	7439-95-4	NL	NL	4000	4710	6200	5000	1400	3340	1050	6200	5830	1770	1750	2380	1560	1190	6550
Manganese	7439-96-5	2000	10000	283	274	249	252	99.8	119	82.7	267	234	562	222	308	105	44.9	245
Mercury	7439-97-6	0.81	2.8	0.025 J	0.032 J	0.031 J	0.037 U	**1.5**	0.013 J	0.068	0.039 U	0.024 J	0.0047 **J**	0.025 J	0.01 J	0.013 J	0.0086 J	0.011 J
Nickel	7440-02-0	310	310	10.7	19.1	17.9	10.2	6.5	19.5	4.8	8.3	18.5	11.4	9.7	6.9	8.8	5.5	9.8
Potassium	7440-09-7	NL	NL	823	989	1110	597	499 J	1060	366 J	726	902	841	852	578 J	697	662	897
Selenium	7782-49-2	180	1500	0.75 UJ	0.74 UJ	0.68 UJ	0.56 UJ	0.83	0.62 J	0.6 U	0.59 U	0.67 U	0.58 U	0.61 U	0.62 U	0.6 U	0.6 U	0.6 U
Silver	7440-22-4	180	1500	0.75 U	0.74 U	0.68 U	0.56 U	0.9	0.66 UJ	0.6 UJ	0.59 U	0.67 U	0.088 **J**	0.61 U	0.62 U	0.6 U	0.6 U	0.6 U
Sodium	7440-23-5	NL	NL	824	296 J	84.1 J	83 J	759	756	279 J	109 J	107 J	76.1 **J**	491 J	130 J	66.3 J	125 J	170 J
Thallium	7440-28-0	NL	NL	0.96 J	0.9 J	0.9 J	1.1 U	0.56 J	0.68 J	1.2 U	1.2 U	1.3 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
Vanadium	7440-62-2	NL	NL	20.8	19.9	20.1	11.6	10	23.2	6.6	13.2	18.9	12.3	14.1	11.7	14.9	12.7	13.8
Zinc	7440-66-6	10000	10000	38.8	58	55	34.6	129	61.5	21.7	31.3	56.3	31.1 **J**	31.5 J	21.5 J	98.4 J	18 J	29.5 J
Total Cyanide (mg/Kg)	57-12-5	27	27	5.1	0.74 U	0.68 U	0.56 U	10.7	0.13 J	0.3 J	0.59 U	1.3	0.58 U	0.61 U	0.62 U	1.6	1.2	0.6 U

Notes:
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NA = Not Applicable
U = The material was analyzed for but not detected at or above the reporting limit. The associated numerical value is the sample quantitation limit.
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Yellow Shading = Compound detected in concentration greater than the Commercial SCO.
NYSDEC Subpart 375-6, Remedial Program Soil Cleanup Objectives, December 14, 2006.

Table 5-4
Groundwater VOC Results
Schenectady Clinton Street MGP Site

Location ID Sample Date Lab Sample ID	CAS #	NYSDEC Groundwater Guidance or Standard Value (Note 1)	MW01 11/29/2006 C6K300215007	MW01 12/9/2008 C8L100288002	MW01D 12/9/2008 C8L100288003	MW02 11/28/2006 C6K300215004	MW02 12/9/2008 C8L100288005	MW03 11/28/2006 C6K300215005	MW03 12/9/2008 C8L100288006	MW04 12/9/2008 C8L100288001	MW05 11/28/2006 C6K300215002	MW05 12/9/2008 C8L100288007	MW06 11/28/2006 C6K300215001	MW06 12/9/2008 C8L100288009	MW07 11/28/2006 C6K300215006	MW07 12/10/2008 C8L110371005	MW7D 12/10/2008 C8L110371004
BTEX Compounds (ug/L)																	
Benzene	71-43-2	1 s	**1.4**	**1**	**11000**	1 U	1 U	1 U	1 U	**1.6**	1 U	1 U	1 U	1 U	1 U	1 U	**2500**
Ethylbenzene	100-41-4	5 s	1 U	1 U	1000 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	**1300**
Toluene	108-88-3	5 s	**0.22 J**	1 U	1000 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	**1400**
Xylenes (total)	1330-20-7	5 s	**2.1 J**	**1.5 J**	3000 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	**2300**
Total BTEX Compounds (ug/L)	NA	NL	3.72	2.5	11000	--- U	--- U	--- U	--- U	1.6	--- U	--- U	--- U	--- U	--- U	--- U	7500
Other VOCs (ug/L)																	
1,1,1-Trichloroethane	71-55-6	5 s	1 U	1 U	1000 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	100 U
1,1,2,2-Tetrachloroethane	79-34-5	5 s	1 U	1 U	1000 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	100 U
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	5 s	1 U	1 U	1000 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	100 U
1,1,2-Trichloroethane	79-00-5	1 s	1 U	1 U	1000 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	100 U
1,1-Dichloroethane	75-34-3	5 s	1 U	1 U	1000 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	100 U
1,1-Dichloroethene	75-35-4	5 s	1 U	1 U	1000 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	100 U
1,2,4-Trichlorobenzene	120-82-1	5 s	1 U	1 U	1000 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	100 U
1,2-Dibromo-3-chloropropane	96-12-8	0.04 s	1 U	1 U	1000 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	100 U
1,2-Dibromoethane	106-93-4	0.0006 s	1 U	1 U	1000 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	100 U
1,2-Dichlorobenzene	95-50-1	3 s	1 U	1 U	1000 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	100 U
1,2-Dichloroethane	107-06-2	0.6 s	1 U	1 U	1000 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	100 U
1,2-Dichloropropane	78-87-5	1 s	1 U	1 U	1000 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	100 U
1,3-Dichlorobenzene	541-73-1	3 s	1 U	1 U	1000 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	**0.26 J**	1 U	1 U	100 U
1,4-Dichlorobenzene	106-46-7	3 s	1 U	1 U	1000 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	100 U
2-Butanone	78-93-3	50 g	5 U	5 U	5000 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	500 U
2-Hexanone	591-78-6	50 g	5 U	5 U	5000 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	500 U
4-Methyl-2-pentanone	108-10-1	NL	5 U	5 U	5000 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	500 U
Acetone	67-64-1	50 g	5 U	5 U	5000 U	5 U	5 U	5 U	5 U	5 U	**2.7 J**	5 U	5 U	5 U	5 U	5 U	500 U
Bromodichloromethane	75-27-4	50 g	1 U	1 U	1000 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	100 U
Bromoform	75-25-2	50 g	1 U	1 U	1000 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	100 U
Bromomethane	74-83-9	5 s	1 U	1 U	1000 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	100 U
Carbon disulfide	75-15-0	60 g	1 U	1 U	1000 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	100 U
Carbon tetrachloride	56-23-5	5 s	1 U	1 U	1000 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	100 U
Chlorobenzene	108-90-7	5 s	1 U	1 U	1000 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	100 U
Chloroethane	75-00-3	5 s	1 U	1 U	1000 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	100 U
Chloroform	67-66-3	7 s	1 U	1 U	1000 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	100 U
Chloromethane	74-87-3	5 s	1 U	1 U	1000 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	100 U
cis-1,2-Dichloroethene	156-59-2	5 s	1 U	1 U	1000 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	100 U
cis-1,3-Dichloropropene	10061-01-5	0.4 s	1 U	1 U	1000 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	100 U
Cyclohexane	110-82-7	NL	**2.3**	**2**	1000 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	100 U
Dibromochloromethane	124-48-1	50 g	1 U	1 U	1000 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	100 U
Dichlorodifluoromethane	75-71-8	5 s	1 U	1 U	1000 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 UJ	100 U
Isopropylbenzene	98-82-8	5 s	**0.7 J**	**0.23 J**	1000 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	**83 J**
Methyl acetate	79-20-9	NL	1 U	1 U	1000 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	100 U
Methyl tert-butyl ether	1634-04-4	10 g	1 U	1 U	1000 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	100 U
Methylcyclohexane	108-87-2	NL	**1.5**	**0.57 J**	1000 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	100 U
Methylene chloride	75-09-2	5 s	1 U	1 U	1000 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	100 U
Styrene	100-42-5	5 s	1 U	1 U	1000 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	**310**
Tetrachloroethene	127-18-4	5 s	1 U	1 U	1000 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	100 U
trans-1,2-Dichloroethene	156-60-5	5 s	1 U	1 U	1000 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	100 U
trans-1,3-Dichloropropene	10061-02-6	0.4 s	1 U	1 U	1000 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	100 U
Trichloroethene	79-01-6	5 s	1 U	1 U	1000 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	100 U
Trichlorofluoromethane	75-69-4	5 s	1 U	1 U	1000 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	100 U
Vinyl chloride	75-01-4	2 s	1 U	1 U	1000 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	100 U
Total VOCs (ug/L) (Note 2)	NA	NL	8.22	5.3	11000	--- U	--- U	--- U	--- U	1.6	2.7	--- U	--- U	0.26	--- U	--- U	7893

Notes:
NL = Not Listed
NA = Not Applicable
U = The material was analyzed for but not detected at, or above, the reporting limit. The associated numerical value is the sample quantitation limit.
J = The associated numerical value is an estimated quantity.
Bold value - compound detected at concentration greater than the reporting limit
Yellow Shading = Compound detected at a concentration greater than the standard or guidance value.
s = Standard Value
g = Guidance Value
Note 1 - Guidance or Standard Values - NYSDEC, Division of Water, TOGS (1.1.1) [NYSDEC, 1998, with addenda through 2004].
Note 2 - Total VOCs includes BTEX compounds.

Table 5-4
Groundwater VOC Results
Schenectady Clinton Street MGP Site

Location ID Sample Date Lab Sample ID	CAS #	NYSDEC Groundwater Guidance or Standard Value (Note 1)	MW08 11/29/2006 C6K300215009	MW08 Duplicate C6K300215010	MW08 12/11/2008 C8L120342005	MW08D 12/11/2008 C8L120342006	MW09 11/29/2006 C6K300215008	MW09 12/10/2008 C8L110371008	MW10 11/28/2006 C6K300215003	MW10 12/9/2008 C8L100288004	MW11D 12/9/2008 C8L100288008	MW15D 12/11/2008 C8L120342009	CTM14 12/10/2008 C8L110371006	CTM15 12/11/2008 C8L120342008
BTEX Compounds (ug/L)														
Benzene	71-43-2	1 s	**30000**	**31000**	**39000**	**36**	1 U	1 U	1 U	1 U	**210**	**4.6**	1 U	**86**
Ethylbenzene	100-41-4	5 s	2000 U	**230 J**	**220 J**	**1900**	1 U	1 U	1 U	1 U	**8.5 J**	**0.25 J**	1 U	**19**
Toluene	108-88-3	5 s	**8300**	**8700**	**9700**	**170**	1 U	1 U	1 U	1 U	25 U	1 U	1 U	5 U
Xylenes (total)	1330-20-7	5 s	**2400 J**	**2800**	**2900**	**2300**	3 U	3 U	3 U	3 U	**490**	**0.82 J**	3 U	**19**
Total BTEX Compounds (ug/L)	NA	NL	40700	42730	51820	4406	--- U	--- U	--- U	--- U	708.5	5.67	--- U	124
Other VOCs (ug/L)														
1,1,1-Trichloroethane	71-55-6	5 s	2000 U	250 U	250 U	25 U	1 U	1 U	1 U	1 U	25 U	1 U	1 U	5 U
1,1,2,2-Tetrachloroethane	79-34-5	5 s	2000 U	250 U	250 U	25 U	1 U	1 U	1 U	1 U	25 U	1 U	1 U	5 U
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	5 s	2000 U	250 U	250 U	25 U	1 U	1 U	1 U	1 U	25 U	1 U	1 U	5 U
1,1,2-Trichloroethane	79-00-5	1 s	2000 U	250 U	250 U	25 U	1 U	1 U	1 U	1 U	25 U	1 U	1 U	5 U
1,1-Dichloroethane	75-34-3	5 s	2000 U	250 U	250 U	25 U	1 U	1 U	1 U	1 U	25 U	1 U	1 U	5 U
1,1-Dichloroethene	75-35-4	5 s	2000 U	250 U	250 U	25 U	1 U	1 U	1 U	1 U	25 U	1 U	1 U	5 U
1,2,4-Trichlorobenzene	120-82-1	5 s	2000 U	250 U	250 U	25 U	1 U	1 U	1 U	1 U	25 U	1 U	1 U	5 U
1,2-Dibromo-3-chloropropane	96-12-8	0.04 s	2000 U	250 U	250 U	25 U	1 U	1 U	1 U	1 U	25 U	1 U	1 U	5 U
1,2-Dibromoethane	106-93-4	0.0006 s	2000 U	250 U	250 U	25 U	1 U	1 U	1 U	1 U	25 U	1 U	1 U	5 U
1,2-Dichlorobenzene	95-50-1	3 s	2000 U	250 U	250 U	25 U	1 U	1 U	1 U	1 U	25 U	1 U	1 U	5 U
1,2-Dichloroethane	107-06-2	0.6 s	2000 U	250 U	250 U	25 U	1 U	1 U	1 U	1 U	25 U	1 U	1 U	5 U
1,2-Dichloropropane	78-87-5	1 s	2000 U	250 U	250 U	25 U	1 U	1 U	1 U	1 U	25 U	1 U	1 U	5 U
1,3-Dichlorobenzene	541-73-1	3 s	2000 U	250 U	250 U	25 U	1 U	1 U	1 U	1 U	25 U	1 U	1 U	5 U
1,4-Dichlorobenzene	106-46-7	3 s	2000 U	250 U	250 U	25 U	1 U	1 U	1 U	1 U	25 U	1 U	1 U	5 U
2-Butanone	78-93-3	50 g	10000 U	1200 U	1200 U	120 U	5 U	5 U	5 U	5 U	120 U	5 U	5 U	25 U
2-Hexanone	591-78-6	50 g	10000 U	1200 U	1200 U	120 U	5 U	5 U	5 U	5 U	120 U	5 U	5 U	25 U
4-Methyl-2-pentanone	108-10-1	NL	10000 U	1200 U	1200 U	120 U	5 U	5 U	5 U	5 U	120 U	5 U	5 U	25 U
Acetone	67-64-1	50 g	10000 U	1200 U	1200 U	120 U	5 U	5 U	5 U	5 U	120 U	5 U	5 U	25 U
Bromodichloromethane	75-27-4	50 g	2000 U	250 U	250 U	25 U	1 U	1 U	1 U	1 U	25 U	1 U	1 U	5 U
Bromoform	75-25-2	50 g	2000 U	250 U	250 U	25 U	1 U	1 U	1 U	1 U	25 U	1 U	1 U	5 U
Bromomethane	74-83-9	5 s	2000 U	250 U	250 U	25 U	1 U	1 U	1 U	1 U	25 U	1 U	1 U	5 U
Carbon disulfide	75-15-0	60 g	2000 U	250 U	250 U	25 U	1 U	1 U	1 U	1 U	25 U	1 U	1 U	5 U
Carbon tetrachloride	56-23-5	5 s	2000 U	250 U	250 U	25 U	1 U	1 U	1 U	1 U	25 U	1 U	1 U	5 U
Chlorobenzene	108-90-7	5 s	2000 U	250 U	250 U	25 U	1 U	1 U	1 U	1 U	25 U	1 U	1 U	5 U
Chloroethane	75-00-3	5 s	2000 U	250 U	250 U	25 U	1 U	1 U	1 U	1 U	25 U	1 U	1 U	5 U
Chloroform	67-66-3	7 s	2000 U	250 U	250 U	25 U	1 U	1 U	**3.1 J**	**1.2**	25 U	**0.36 J**	1 U	5 U
Chloromethane	74-87-3	5 s	2000 U	250 U	250 U	25 U	1 U	1 U	1 U	1 U	25 U	1 U	1 U	5 U
cis-1,2-Dichloroethene	156-59-2	5 s	2000 U	250 U	250 U	25 U	1 U	1 U	1 U	1 U	25 U	1 U	1 U	5 U
cis-1,3-Dichloropropene	10061-01-5	0.4 s	2000 U	250 U	250 U	25 U	1 U	1 U	1 U	1 U	25 U	1 U	1 U	5 U
Cyclohexane	110-82-7	NL	2000 U	250 U	250 U	25 U	1 U	1 U	1 U	1 U	25 U	1 U	1 U	5 U
Dibromochloromethane	124-48-1	50 g	2000 U	250 U	250 U	25 U	1 U	1 U	1 U	1 U	25 U	1 U	1 U	5 U
Dichlorodifluoromethane	75-71-8	5 s	2000 U	250 U	250 U	25 U	1 U	1 UJ	1 U	1 U	25 U	1 UJ	1 U	5 UJ
Isopropylbenzene	98-82-8	5 s	2000 U	250 U	250 U	**94**	1 U	1 U	1 U	1 U	**64**	1 U	1 U	**4.3 J**
Methyl acetate	79-20-9	NL	2000 U	250 U	250 U	25 U	1 U	1 U	1 U	1 U	25 U	1 U	1 U	5 U
Methyl tert-butyl ether	1634-04-4	10 g	2000 U	250 U	250 U	25 U	1 U	1 U	1 U	1 U	25 U	**0.28 J**	1 U	5 U
Methylcyclohexane	108-87-2	NL	2000 U	250 U	250 U	25 U	1 U	1 U	1 U	1 U	25 U	1 U	1 U	5 U
Methylene chloride	75-09-2	5 s	2000 U	250 U	250 U	25 U	1 U	1 U	1 U	1 U	25 U	1 U	1 U	5 U
Styrene	100-42-5	5 s	**590 J**	**640**	**850**	25 U	1 U	1 U	1 U	1 U	25 U	1 U	1 U	5 U
Tetrachloroethene	127-18-4	5 s	2000 U	250 U	250 U	25 U	1 U	1 U	1 U	1 U	25 U	1 U	1 U	5 U
trans-1,2-Dichloroethene	156-60-5	5 s	2000 U	250 U	250 U	25 U	1 U	1 U	1 U	1 U	25 U	1 U	1 U	5 U
trans-1,3-Dichloropropene	10061-02-6	0.4 s	2000 U	250 U	250 U	25 U	1 U	1 U	1 U	1 U	25 U	1 U	1 U	5 U
Trichloroethene	79-01-6	5 s	2000 U	250 U	250 U	25 U	1 U	1 U	1 U	1 U	25 U	1 U	1 U	5 U
Trichlorofluoromethane	75-69-4	5 s	2000 U	250 U	250 U	25 U	1 U	1 U	1 U	1 U	25 U	1 U	1 U	5 U
Vinyl chloride	75-01-4	2 s	2000 U	250 U	250 U	25 U	1 U	1 U	1 U	1 U	25 U	1 U	1 U	5 U
Total VOCs (ug/L) (Note 2)	NA	NL	41290	43370	52670	4500	--- U	--- U	3.1	1.2	772.5	6.31	--- U	128.3

Notes:
NL = Not Listed
NA = Not Applicable
U = The material was analyzed for but not detected at, or above, the reporting limit. The associated numerical value is the sample quantitation limit.
J = The associated numerical value is an estimated quantity.
Bold value - compound detected at concentration greater than the reporting limit
Yellow Shading = Compound detected at a concentration greater than the standard or guidance value.
s = Standard Value
g = Guidance Value
Note 1 - Guidance or Standard Values - NYSDEC, Division of Water, TOGS (1.1.1) [NYSDEC, 1998, with addenda through 2004].
Note 2 - Total VOCs includes BTEX compounds.

Table 5-5
Groundwater SVOC Results
Schenectady Clinton Street MGP Site

Location ID Sample Date Lab Sample ID	CAS #	NYSDEC Groundwater Guidance or Standard Value (Note 1)	MW01(04) 11/29/2006 C6K300215007	MW01 12/9/2008 C8L100288002	MW01D 12/9/2008 C8L100288003	MW02(04) 11/28/2006 C6K300215004	MW02 12/9/2008 C8L100288005	MW03(04) 11/28/2006 C6K300215005	MW03 12/9/2008 C8L100288006	MW04 12/9/2008 C8L100288001	MW05 11/28/2006 C6K300215002	MW05 12/9/2008 C8L100288007	MW06 11/28/2006 C6K300215001	MW06 12/9/2008 C8L100288009	MW07 11/28/2006 C6K300215006	MW07 12/10/2008 C8L110371005	MW7D 12/10/2008 C8L110371004
PAH Compounds (ug/L)																	
2-Methylnaphthalene	91-57-6	NL	10 U	2.2 U	**1.8 J**	9.5 U	2 U	9.6 U	1.9 U	2 U	9.7 U	1.9 U	10 U	2.1 U	9.7 U	1.9 U	**260**
Acenaphthene	83-32-9	20 g	**7.3 J**	**3.8**	**0.56 J**	9.5 U	2 U	9.6 U	1.9 U	**0.63 J**	9.7 U	1.9 U	10 U	2.1 U	9.7 U	1.9 U	**34**
Acenaphthylene	208-96-8	NL	10 U	2.2 U	**1.1 J**	9.5 U	2 U	9.6 U	1.9 U	2 U	9.7 U	1.9 U	10 U	2.1 U	9.7 U	1.9 U	**54**
Anthracene	120-12-7	50 g	10 U	2.2 U	1.9 U	9.5 U	2 U	9.6 U	1.9 U	2 U	9.7 U	1.9 U	10 U	2.1 U	9.7 U	1.9 U	19 U
Benzo(a)anthracene	56-55-3	0.002 g	10 U	2.2 U	1.9 U	9.5 U	2 U	9.6 U	1.9 U	2 U	9.7 U	1.9 U	10 U	2.1 U	9.7 U	1.9 U	19 U
Benzo(a)pyrene	50-32-8	ND	10 U	2.2 U	1.9 U	9.5 U	2 U	9.6 U	1.9 U	2 U	9.7 U	1.9 U	10 U	2.1 U	9.7 U	1.9 U	19 U
Benzo(b)fluoranthene	205-99-2	0.002 g	10 U	2.2 U	1.9 U	9.5 U	2 U	9.6 U	1.9 U	2 U	9.7 U	1.9 U	10 U	2.1 U	9.7 U	1.9 U	19 U
Benzo(ghi)perylene	191-24-2	NL	10 U	2.2 U	1.9 U	9.5 U	2 U	9.6 U	1.9 U	2 U	9.7 U	1.9 U	10 U	2.1 U	9.7 U	1.9 U	19 U
Benzo(k)fluoranthene	207-08-9	0.002 g	10 U	2.2 U	1.9 U	9.5 U	2 U	9.6 U	1.9 U	2 U	9.7 U	1.9 U	10 U	2.1 U	9.7 U	1.9 U	19 U
Chrysene	218-01-9	0.002 g	10 U	2.2 U	1.9 U	9.5 U	2 U	9.6 U	1.9 U	2 U	9.7 U	1.9 U	10 U	2.1 U	9.7 U	1.9 U	19 U
Dibenz(a,h)anthracene	53-70-3	NL	10 U	2.2 U	1.9 U	9.5 U	2 U	9.6 U	1.9 U	2 U	9.7 U	1.9 U	10 U	2.1 U	9.7 U	1.9 U	19 U
Fluoranthene	206-44-0	50 g	10 U	2.2 U	**0.44 J**	9.5 U	2 U	9.6 U	**0.21 J**	**0.31 J**	9.7 U	1.9 U	10 U	2.1 U	9.7 U	1.9 U	19 U
Fluorene	86-73-7	50 g	10 U	2.2 U	**1.3 J**	9.5 U	2 U	**2.7 J**	**1.2 J**	2 U	9.7 U	1.9 U	10 U	2.1 U	9.7 U	1.9 U	**16 J**
Indeno(1,2,3-cd)pyrene	193-39-5	0.002 g	10 U	2.2 U	1.9 U	9.5 U	2 U	9.6 U	1.9 U	2 U	9.7 U	1.9 U	10 U	2.1 U	9.7 U	1.9 U	19 U
Naphthalene	91-20-3	10 g	10 U	2.2 U	**11**	9.5 U	2 U	9.6 U	1.9 U	2 U	9.7 U	1.9 U	10 U	2.1 U	9.7 U	**1.3 J**	**2500**
Phenanthrene	85-01-8	50 g	10 U	2.2 U	**2.2**	9.5 U	2 U	9.6 U	**3.2**	2 U	9.7 U	1.9 U	10 U	2.1 U	9.7 U	1.9 U	**14 J**
Pyrene	129-00-0	50 g	10 U	2.2 U	**0.35 J**	9.5 U	2 U	9.6 U	**0.29 J**	**0.26 J**	9.7 U	1.9 U	10 U	2.1 U	9.7 U	1.9 U	19 U
Total PAHs (ug/L)	NA	NL	7.3	3.8	18.75	--- U	--- U	2.7	4.9	1.2	--- U	--- U	--- U	--- U	--- U	1.3	2878
Other SVOCs (ug/L)																	
1,1'-Biphenyl	92-52-4	5 s	10 U	**0.21 J**	**0.52 J**	9.5 U	9.8 U	9.6 U	9.6 U	9.8 U	9.7 U	9.7 U	10 U	10 U	9.7 U	9.5 U	**16 J**
2,2'-oxybis(1-Chloropropane)	108-60-1	NL	10 U	2.2 U	1.9 U	9.5 U	2 U	9.6 U	1.9 U	2 U	9.7 U	1.9 U	10 U	2.1 U	9.7 U	1.9 U	19 U
2,4,5-Trichlorophenol	95-95-4	NL	10 U	11 U	9.7 U	9.5 U	9.8 U	9.6 U	9.6 U	9.8 U	9.7 U	9.7 U	10 U	10 U	9.7 U	9.5 U	95 U
2,4,6-Trichlorophenol	88-06-2	NL	10 U	11 U	9.7 U	9.5 U	9.8 U	9.6 U	9.6 U	9.8 U	9.7 U	9.7 U	10 U	10 U	9.7 U	9.5 U	95 U
2,4-Dichlorophenol	120-83-2	5 s	10 U	2.2 U	1.9 U	9.5 U	2 U	9.6 U	1.9 U	2 U	9.7 U	1.9 U	10 U	2.1 U	9.7 U	1.9 U	19 U
2,4-Dimethylphenol	105-67-9	50 g	10 U	11 U	**1 J**	9.5 U	9.8 U	9.6 U	9.6 U	9.8 U	9.7 U	9.7 U	10 U	10 U	9.7 U	9.5 U	95 U
2,4-Dinitrophenol	51-28-5	10 g	50 U	54 U	48 U	48 U	49 U	48 U	48 U	49 U	48 U	48 U	52 U	52 UJ	48 U	48 UJ	480 UJ
2,4-Dinitrotoluene	121-14-2	5 s	10 U	11 U	9.7 U	9.5 U	9.8 U	9.6 U	9.6 U	9.8 U	9.7 U	9.7 U	10 U	10 U	9.7 U	9.5 U	95 U
2,6-Dinitrotoluene	606-20-2	5 s	10 U	11 U	9.7 U	9.5 U	9.8 U	9.6 U	9.6 U	9.8 U	9.7 U	9.7 U	10 U	10 U	9.7 U	9.5 U	95 U
2-Chloronaphthalene	91-58-7	10 g	10 U	2.2 U	1.9 U	9.5 U	2 U	9.6 U	1.9 U	2 U	9.7 U	1.9 U	10 U	2.1 U	9.7 U	1.9 U	19 U
2-Chlorophenol	95-57-8	NL	10 U	11 U	9.7 U	9.5 U	9.8 U	9.6 U	9.6 U	9.8 U	9.7 U	9.7 U	10 U	10 U	9.7 U	9.5 U	95 U
2-Methylphenol	95-48-7	NL	10 U	11 U	9.7 U	9.5 U	9.8 U	9.6 U	9.6 U	9.8 U	9.7 U	9.7 U	10 U	10 U	9.7 U	9.5 U	95 U
2-Nitroaniline	88-74-4	5 s	50 U	54 U	48 U	48 U	49 U	48 U	48 U	49 U	48 U	48 U	52 U	52 U	48 U	48 U	480 U
2-Nitrophenol	88-75-5	NL	10 U	11 U	9.7 U	9.5 U	9.8 U	9.6 U	9.6 U	9.8 U	9.7 U	9.7 U	10 U	10 U	9.7 U	9.5 U	95 U
3,3'-Dichlorobenzidine	91-94-1	5 s	50 U	11 U	9.7 U	48 U	9.8 U	48 U	9.6 U	9.8 U	48 U	9.7 U	52 U	10 UJ	48 U	9.5 UJ	95 UJ
3-Nitroaniline	99-09-2	5 s	50 U	54 U	48 U	48 U	49 U	48 U	48 U	49 U	48 U	48 U	52 U	52 UJ	48 U	48 UJ	480 UJ
4,6-Dinitro-2-methylphenol	534-52-1	NL	50 U	54 U	48 U	48 U	49 U	48 U	48 U	49 U	48 U	48 U	52 U	52 UJ	48 U	48 UJ	480 UJ
4-Bromophenyl phenyl ether	101-55-3	NL	10 U	11 U	9.7 U	9.5 U	9.8 U	9.6 U	9.6 U	9.8 U	9.7 U	9.7 U	10 U	10 U	9.7 U	9.5 U	95 U
4-Chloro-3-methylphenol	59-50-7	NL	10 U	11 U	9.7 U	9.5 U	9.8 U	9.6 U	9.6 U	9.8 U	9.7 U	9.7 U	10 U	10 U	9.7 U	9.5 U	95 U
4-Chloroaniline	106-47-8	5 s	10 U	11 U	9.7 U	9.5 U	9.8 U	9.6 U	9.6 U	9.8 U	9.7 U	9.7 U	10 U	10 UJ	9.7 U	9.5 UJ	95 UJ
4-Chlorophenyl phenyl ether	7005-72-3	NL	10 U	11 U	9.7 U	9.5 U	9.8 U	9.6 U	9.6 U	9.8 U	9.7 U	9.7 U	10 U	10 U	9.7 U	9.5 U	95 U
4-Methylphenol	106-44-5	NL	10 U	11 U	9.7 U	9.5 U	9.8 U	9.6 U	9.6 U	9.8 U	9.7 U	9.7 U	10 U	10 U	9.7 U	9.5 U	95 U
4-Nitroaniline	100-01-6	5 s	50 U	54 U	48 U	48 U	49 U	48 U	48 U	49 U	48 U	48 U	52 U	52 UJ	48 U	48 UJ	480 UJ
4-Nitrophenol	100-02-7	NL	50 U	54 U	48 U	48 U	49 U	48 U	48 U	49 U	48 U	48 U	52 U	52 U	48 U	48 U	480 U
Acetophenone	98-86-2	NL	10 U	11 U	**0.28 J**	9.5 U	9.8 U	9.6 U	9.6 U	9.8 U	9.7 U	9.7 U	10 U	10 U	9.7 U	9.5 U	95 U
Atrazine	1912-24-9	7.5 s	10 U	11 U	9.7 U	9.5 U	9.8 U	9.6 U	9.6 U	9.8 U	9.7 U	9.7 U	10 U	10 U	9.7 U	9.5 U	95 U
Benzaldehyde	100-52-7	NL	10 U	11 U	9.7 U	9.5 U	9.8 U	9.6 U	9.6 U	9.8 U	9.7 U	9.7 U	10 U	10 UJ	9.7 U	9.5 UJ	95 UJ
bis(2-Chloroethoxy)methane	111-91-1	5 s	10 U	11 U	9.7 U	9.5 U	9.8 U	9.6 U	9.6 U	9.8 U	9.7 U	9.7 U	10 U	10 U	9.7 U	9.5 U	95 U
bis(2-Chloroethyl) ether	111-44-4	1 s	10 U	2.2 U	1.9 U	9.5 U	2 U	9.6 U	1.9 U	2 U	9.7 U	1.9 U	10 U	2.1 U	9.7 U	1.9 U	19 U
bis(2-Ethylhexyl) phthalate	117-81-7	5 s	10 U	11 U	9.7 U	9.5 U	9.8 U	9.6 U	9.6 U	9.8 U	9.7 U	9.7 U	10 U	10 UJ	**17 J**	9.5 UJ	95 UJ
Butyl benzyl phthalate	85-68-7	50 g	10 U	11 U	9.7 U	9.5 U	9.8 U	9.6 U	9.6 U	9.8 U	9.7 U	9.7 U	10 U	10 U	9.7 U	9.5 U	95 U
Caprolactam	105-60-2	NL	10 U	54 U	48 U	9.5 U	49 U	9.6 U	48 U	49 U	9.7 U	48 U	**1.9 J**	52 U	9.7 U	48 U	480 U
Carbazole	86-74-8	NL	10 U	**2.2**	**1.5 J**	9.5 U	2 U	9.6 U	1.9 U	2 U	9.7 U	1.9 U	10 U	2.1 U	9.7 U	1.9 U	19 U
Dibenzofuran	132-64-9	NL	10 U	11 U	**0.95 J**	9.5 U	9.8 U	9.6 U	9.6 U	9.8 U	9.7 U	9.7 U	10 U	10 U	9.7 U	9.5 U	95 U
Diethyl phthalate	131-11-3	50 g	10 U	11 U	9.7 U	9.5 U	9.8 U	9.6 U	9.6 U	9.8 U	9.7 U	9.7 U	10 U	10 U	9.7 U	9.5 U	95 U
Dimethyl phthalate	84-66-2	50 g	10 U	11 U	9.7 U	9.5 U	9.8 U	9.6 U	9.6 U	9.8 U	9.7 U	9.7 U	10 U	10 U	9.7 U	9.5 U	**25 J**
Di-n-butyl phthalate	84-74-2	50 s	10 U	11 U	9.7 U	9.5 U	9.8 U	9.6 U	9.6 U	9.8 U	9.7 U	9.7 U	10 U	10 U	9.7 U	9.5 U	95 U
Di-n-octyl phthalate	117-84-0	NL	10 U	11 U	9.7 U	9.5 U	9.8 U	9.6 U	9.6 U	9.8 U	9.7 U	9.7 U	10 U	10 U	9.7 U	9.5 U	95 U
Hexachlorobenzene	118-74-1	0.4 s	10 U	2.2 U	1.9 U	9.5 U	2 U	9.6 U	1.9 U	2 U	9.7 U	1.9 U	10 U	2.1 U	9.7 U	1.9 U	19 U
Hexachlorobutadiene	87-68-3	0.5 s	10 U	2.2 U	1.9 U	9.5 U	2 U	9.6 U	1.9 U	2 U	9.7 U	1.9 U	10 U	2.1 U	9.7 U	1.9 U	19 U
Hexachlorocyclopentadiene	77-47-4	5 s	50 U	11 U	9.7 U	48 U	9.8 U	48 U	9.6 U	9.8 U	48 U	9.7 U	52 U	10 UJ	48 U	9.5 U	95 UJ
Hexachloroethane	67-72-1	5 s	10 U	11 U	9.7 U	9.5 U	9.8 U	9.6 U	9.6 U	9.8 U	9.7 U	9.7 U	10 U	10 U	9.7 U	9.5 U	95 U
Isophorone	78-59-1	50 g	10 U	11 U	9.7 U	9.5 U	9.8 U	9.6 U	9.6 U	9.8 U	9.7 U	9.7 U	10 U	10 U	9.7 U	9.5 U	95 U
Nitrobenzene	98-95-3	0.4	10 U	2.2 U	1.9 U	9.5 U	2 U	9.6 U	1.9 U	2 U	9.7 U	1.9 U	10 U	2.1 U	9.7 U	1.9 U	19 U
N-Nitrosodi-n-propylamine	621-64-7	50 g	10 U	2.2 U	1.9 U	9.5 U	2 U	9.6 U	1.9 U	2 U	9.7 U	1.9 U	10 U	2.1 U	9.7 U	1.9 U	19 U
N-Nitrosodiphenylamine	86-30-6	50 g	10 U	2.2 U	1.9 U	9.5 U	2 U	9.6 U	1.9 U	2 U	9.7 U	1.9 U	10 U	2.1 U	9.7 U	1.9 U	19 U
Pentachlorophenol	87-86-5	1 s	50 U	11 U	9.7 U	48 U	9.8 U	48 U	9.6 U	9.8 U	48 U	9.7 U	52 U	10 U	48 U	9.5 U	95 U
Phenol	108-95-2	1 s	10 U	2.2 U	**200**	9.5 U	2 U	9.6 U	1.9 U	2 U	9.7 U	1.9 U	10 U	2.1 U	9.7 U	1.9 U	19 U
Total SVOCs (ug/L) (Note 2)	NA	NL	7.3	6.21	223	--- U	--- U	2.7	4.9	1.2	--- U	--- U	1.9	--- U	17	1.3	2919

Notes:
NL = Not Listed
NA = Not Applicable
U = The material was analyzed for but not detected at, or above, the reporting limit. The associated numerical value is the sample quantitation limit.
J = The associated numerical value is an estimated quantity.
Bold value - compound detected at concentration greater than the reporting limit
Yellow Shading = Compound detected at a concentration greater than the standard or guidance value.
s = Standard Value
g = Guidance Value
Note 1 - Guidance or Standard Values - NYSDEC, Division of Water, TOGS (1.1.1) [NYSDEC, 1998, with addenda through 2004].
Note 2 - Total SVOCs includes PAH compounds.

Table 5-5
Groundwater SVOC Results
Schenectady Clinton Street MGP Site

Location ID Sample Date Lab Sample ID	CAS #	NYSDEC Groundwater Guidance or Standard Value (Note 1)	MW08 11/29/2006 C6K300215009	MW08 11/29/2006 C6K300215010	MW08 12/11/2008 C8L120342005	MW08D 12/11/2008 C8L120342006	MW09 11/29/2006 C6K300215008	MW09 12/10/2008 C8L110371008	MW10 11/28/2006 C6K300215003	MW10 12/9/2008 C8L100288004	MW11D 12/9/2008 C8L100288008	MW15D 12/11/2008 C8L120342009	CTM14 12/10/2008 C8L110371006	CTM15 12/11/2008 C8L120342008
PAH Compounds (ug/L)														
2-Methylnaphthalene	91-57-6	NL	2100 U	2000 U	**390 J**	**1000**	9.8 U	2 U	9.6 U	1.9 U	1.9 U	**0.2 J**	**1.4 J**	**0.64 J**
Acenaphthene	83-32-9	20 g	2100 U	2000 U	760 U	**580**	9.8 U	2 U	9.6 U	1.9 U	**73**	**0.67 J**	**2.2**	**32**
Acenaphthylene	208-96-8	NL	2100 U	2000 U	**180 J**	**89 J**	9.8 U	2 U	9.6 U	1.9 U	**12**	2.1 U	**2**	**5.2**
Anthracene	120-12-7	50 g	2100 U	2000 U	760 U	**200**	9.8 U	2 U	9.6 U	1.9 U	1.9 U	2.1 U	2 U	**2.2**
Benzo(a)anthracene	56-55-3	0.002 g	2100 U	2000 U	760 U	**130**	9.8 U	2 U	9.6 U	1.9 U	1.9 U	2.1 U	2 U	2 U
Benzo(a)pyrene	50-32-8	ND	2100 U	2000 U	760 U	**88 J**	9.8 U	2 U	9.6 U	1.9 U	1.9 U	2.1 U	2 U	2 U
Benzo(b)fluoranthene	205-99-2	0.002 g	2100 U	2000 U	760 U	**71 J**	9.8 U	2 U	9.6 U	1.9 U	1.9 U	2.1 U	2 U	2 U
Benzo(ghi)perylene	191-24-2	NL	2100 U	2000 U	760 U	**32 J**	9.8 U	2 U	9.6 U	1.9 U	1.9 U	2.1 U	2 U	2 U
Benzo(k)fluoranthene	207-08-9	0.002 g	2100 U	2000 U	760 U	94 U	9.8 U	2 U	9.6 U	1.9 U	1.9 U	2.1 U	2 U	2 U
Chrysene	218-01-9	0.002 g	2100 U	2000 U	760 U	**92 J**	9.8 U	2 U	9.6 U	1.9 U	1.9 U	2.1 U	2 U	2 U
Dibenz(a,h)anthracene	53-70-3	NL	2100 U	2000 U	760 U	94 U	9.8 U	2 U	9.6 U	1.9 U	1.9 U	2.1 U	2 U	2 U
Fluoranthene	206-44-0	50 g	2100 U	2000 U	**58 J**	**210**	9.8 U	2 U	9.6 U	1.9 U	1.9 U	**0.46 J**	**1.2 J**	**3.8**
Fluorene	86-73-7	50 g	2100 U	2000 U	760 U	**270**	9.8 U	2 U	9.6 U	1.9 U	1.9 U	**0.63 J**	2 U	**16**
Indeno(1,2,3-cd)pyrene	193-39-5	0.002 g	2100 U	2000 U	760 U	**23 J**	9.8 U	2 U	9.6 U	1.9 U	1.9 U	2.1 U	2 U	2 U
Naphthalene	91-20-3	10 g	**7900**	**7600**	**7200**	**6900**	9.8 U	**1.8 J**	9.6 U	1.9 U	**40**	**1 J**	**15**	**63**
Phenanthrene	85-01-8	50 g	2100 U	2000 U	**180 J**	**770**	9.8 U	2 U	9.6 U	1.9 U	1.9 U	**0.53 J**	**2.8**	**4.1**
Pyrene	129-00-0	50 g	2100 U	2000 U	760 U	**300**	9.8 U	2 U	9.6 U	1.9 U	1.9 U	**0.34 J**	**0.76 J**	**2.5**
Total PAHs (ug/L)	NA	NL	7900	7600	8008	10755	--- U	1.8	--- U	--- U	125	3.83	25.36	129.44
Other SVOCs (ug/L)														
1,1'-Biphenyl	92-52-4	5 s	2100 U	2000 U	3800 U	**140 J**	9.8 U	10 U	9.6 U	9.6 U	**22**	**0.23 J**	10 U	**0.68 J**
2,2'-oxybis(1-Chloropropane)	108-60-1	NL	2100 U	2000 U	760 U	94 U	9.8 U	2 U	9.6 U	1.9 U	1.9 U	2.1 U	2 U	2 U
2,4,5-Trichlorophenol	95-95-4	NL	2100 U	2000 U	3800 U	470 U	9.8 U	10 U	9.6 U	9.6 U	9.7 U	10 U	10 U	10 U
2,4,6-Trichlorophenol	88-06-2	NL	2100 U	2000 U	3800 U	470 U	9.8 U	10 U	9.6 U	9.6 U	9.7 U	10 U	10 U	10 U
2,4-Dichlorophenol	120-83-2	5 s	2100 U	2000 U	760 U	94 U	9.8 U	2 U	9.6 U	1.9 U	1.9 U	2.1 U	2 U	2 U
2,4-Dimethylphenol	105-67-9	50 g	**24000**	**23000**	**22000**	470 U	9.8 U	10 U	9.6 U	9.6 U	9.7 U	10 U	10 U	10 U
2,4-Dinitrophenol	51-28-5	10 g	10000 U	10000 U	19000 U	2400 U	49 U	50 UJ	48 U	48 U	48 U	52 UJ	50 UJ	50 UJ
2,4-Dinitrotoluene	121-14-2	5 s	2100 U	2000 U	3800 U	470 U	9.8 U	10 U	9.6 U	9.6 U	9.7 U	10 U	10 U	10 U
2,6-Dinitrotoluene	606-20-2	5 s	2100 U	2000 U	3800 U	470 U	9.8 U	10 U	9.6 U	9.6 U	9.7 U	10 U	10 U	10 U
2-Chloronaphthalene	91-58-7	10 g	2100 U	2000 U	760 U	94 U	9.8 U	2 U	9.6 U	1.9 U	1.9 U	2.1 U	2 U	2 U
2-Chlorophenol	95-57-8	NL	2100 U	2000 U	3800 U	470 U	9.8 U	10 U	9.6 U	9.6 U	9.7 U	10 U	10 U	10 U
2-Methylphenol	95-48-7	NL	**29000**	**27000**	**23000**	470 U	9.8 U	10 U	9.6 U	9.6 U	9.7 U	10 U	10 U	10 U
2-Nitroaniline	88-74-4	5 s	10000 U	10000 U	19000 U	2400 U	49 U	50 U	48 U	48 U	48 U	52 U	50 U	50 U
2-Nitrophenol	88-75-5	NL	2100 U	2000 U	3800 U	470 U	9.8 U	10 U	9.6 U	9.6 U	9.7 U	10 U	10 U	10 U
3,3'-Dichlorobenzidine	91-94-1	5 s	10000 U	10000 U	3800 UJ	470 UJ	49 U	10 U	48 U	9.6 U	9.7 U	10 U	10 UJ	10 U
3-Nitroaniline	99-09-2	5 s	10000 U	10000 U	19000 U	2400 U	49 U	50 UJ	48 U	48 U	48 U	52 U	50 UJ	50 U
4,6-Dinitro-2-methylphenol	534-52-1	NL	10000 U	10000 U	19000 U	2400 U	49 U	50 UJ	48 U	48 U	48 U	52 U	50 UJ	50 U
4-Bromophenyl phenyl ether	101-55-3	NL	2100 U	2000 U	3800 U	470 U	9.8 U	10 U	9.6 U	9.6 U	9.7 U	10 U	10 U	10 U
4-Chloro-3-methylphenol	59-50-7	NL	2100 U	2000 U	3800 U	470 U	9.8 U	10 U	9.6 U	9.6 U	9.7 U	10 U	10 U	10 U
4-Chloroaniline	106-47-8	5 s	2100 U	2000 U	3800 U	470 U	9.8 U	10 U	9.6 U	9.6 U	9.7 U	10 U	10 UJ	10 U
4-Chlorophenyl phenyl ether	7005-72-3	NL	2100 U	2000 U	3800 U	470 U	9.8 U	10 U	9.6 U	9.6 U	9.7 U	10 U	10 U	10 U
4-Methylphenol	106-44-5	NL	**73000**	**68000**	**57000**	470 U	9.8 U	10 U	9.6 U	9.6 U	9.7 U	10 U	10 U	10 U
4-Nitroaniline	100-01-6	5 s	10000 U	10000 U	19000 U	2400 U	49 U	50 UJ	48 U	48 U	48 U	52 U	50 UJ	50 U
4-Nitrophenol	100-02-7	NL	10000 U	10000 U	19000 U	2400 U	49 U	50 U	48 U	48 U	48 U	52 U	50 U	50 U
Acetophenone	98-86-2	NL	2100 U	2000 U	3800 U	470 U	9.8 U	10 U	9.6 U	9.6 U	9.7 U	10 U	10 U	10 U
Atrazine	1912-24-9	7.5 s	2100 U	2000 U	3800 U	470 U	9.8 U	10 U	9.6 U	9.6 U	9.7 U	10 U	10 U	10 U
Benzaldehyde	100-52-7	NL	2100 U	2000 U	3800 U	470 U	9.8 U	10 UJ	9.6 U	9.6 U	9.7 U	10 U	10 UJ	10 U
bis(2-Chloroethoxy)methane	111-91-1	5 s	2100 U	2000 U	3800 U	470 U	9.8 U	10 U	9.6 U	9.6 U	9.7 U	10 U	10 U	10 U
bis(2-Chloroethyl) ether	111-44-4	1 s	2100 U	2000 U	760 U	94 U	9.8 U	2 U	9.6 U	1.9 U	1.9 U	2.1 U	2 U	2 U
bis(2-Ethylhexyl) phthalate	117-81-7	5 s	2100 U	2000 U	3800 U	470 U	9.8 U	10 UJ	9.6 U	9.6 U	9.7 U	10 U	10 UJ	10 U
Butyl benzyl phthalate	85-68-7	50 g	2100 U	2000 U	3800 U	470 U	9.8 U	10 U	9.6 U	9.6 U	9.7 U	10 U	10 U	10 U
Caprolactam	105-60-2	NL	2100 U	2000 U	19000 U	2400 U	9.8 U	50 U	9.6 U	48 U	48 U	52 U	50 U	50 U
Carbazole	86-74-8	NL	2100 U	2000 U	**210 J**	**16 J**	9.8 U	2 U	9.6 U	1.9 U	1.9 U	**0.61 J**	**2.4**	**11**
Dibenzofuran	132-64-9	NL	2100 U	2000 U	**100 J**	**28 J**	9.8 U	10 U	9.6 U	9.6 U	**0.18 J**	**0.45 J**	**2.3 J**	**15**
Diethyl phthalate	131-11-3	50 g	2100 U	2000 U	3800 U	470 U	9.8 U	10 U	9.6 U	9.6 U	9.7 U	10 U	10 U	10 U
Dimethyl phthalate	84-66-2	50 g	2100 U	2000 U	3800 U	470 U	9.8 U	10 U	9.6 U	9.6 U	9.7 U	10 U	10 U	10 U
Di-n-butyl phthalate	84-74-2	50 s	2100 U	2000 U	3800 U	470 U	9.8 U	10 U	9.6 U	9.6 U	9.7 U	10 U	10 U	10 U
Di-n-octyl phthalate	117-84-0	NL	2100 U	2000 U	3800 U	470 U	9.8 U	10 U	9.6 U	9.6 U	9.7 U	10 U	10 U	10 U
Hexachlorobenzene	118-74-1	0.4 s	2100 U	2000 U	760 U	94 U	9.8 U	2 U	9.6 U	1.9 U	1.9 U	2.1 U	2 U	2 U
Hexachlorobutadiene	87-68-3	0.5 s	2100 U	2000 U	760 U	94 U	9.8 U	2 U	9.6 U	1.9 U	1.9 U	2.1 U	2 U	2 U
Hexachlorocyclopentadiene	77-47-4	5 s	10000 U	10000 U	3800 U	470 U	49 U	10 UJ	48 U	9.6 U	9.7 U	10 U	10 UJ	10 U
Hexachloroethane	67-72-1	5 s	2100 U	2000 U	3800 U	470 U	9.8 U	10 U	9.6 U	9.6 U	9.7 U	10 U	10 U	10 U
Isophorone	78-59-1	50 g	2100 U	2000 U	3800 U	470 U	9.8 U	10 U	9.6 U	9.6 U	9.7 U	10 U	10 U	10 U
Nitrobenzene	98-95-3	0.4	2100 U	2000 U	760 U	94 U	9.8 U	2 U	9.6 U	1.9 U	1.9 U	2.1 U	2 U	2 U
N-Nitrosodi-n-propylamine	621-64-7	50 g	2100 U	2000 U	760 U	94 U	9.8 U	2 U	9.6 U	1.9 U	1.9 U	2.1 U	2 U	2 U
N-Nitrosodiphenylamine	86-30-6	50 g	2100 U	2000 U	760 U	94 U	9.8 U	2 U	9.6 U	1.9 U	1.9 U	2.1 U	2 U	2 U
Pentachlorophenol	87-86-5	1 s	10000 U	10000 U	3800 U	470 U	49 U	10 U	48 U	9.6 U	9.7 U	10 U	10 U	10 U
Phenol	108-95-2	1 s	**42000**	**39000**	**26000**	94 U	9.8 U	2 U	9.6 U	1.9 U	1.9 U	2.1 U	2 U	2 U
Total SVOCs (ug/L) (Note 2)	NA	NL	175900	164600	136318	10939	--- U	1.8	--- U	--- U	147.18	5.12	30.06	156.12

Notes:
NL = Not Listed
NA = Not Applicable
U = The material was analyzed for but not detected at, or above, the reporting limit. The associated numerical value is the sample quantitation limit.
J = The associated numerical value is an estimated quantity.
Bold value - compound detected at concentration greater than the reporting limit
Yellow Shading = Compound detected at a concentration greater than the standard or guidance value.
s = Standard Value
g = Guidance Value
Note 1 - Guidance or Standard Values - NYSDEC, Division of Water, TOGS (1.1.1) [NYSDEC, 1998, with addenda through 2004].
Note 2 - Total SVOCs includes PAH compounds.

Table 5-6
Groundwater Metals and Cyanide
Schenectady Clinton Street MGP Site

Location ID Sample Date Lab Sample ID	CAS #	NYSDEC Groundwater Guidance or Standard Value (Note 1)	MW01 11/29/2006 C6K300215007	MW01 12/9/2008 C8L100288002	MW01D 12/9/2008 C8L100288003	MW02 11/28/2006 C6K300215004	MW02 12/9/2008 C8L100288005	MW03 11/28/2006 C6K300215005	MW03 12/9/2008 C8L100288006	MW04 12/9/2008 C8L100288001	MW05 11/28/2006 C6K300215002	MW05 12/9/2008 C8L100288007	MW06 11/28/2006 C6K300215001	MW06 12/9/2008 C8L100288009	MW07 11/28/2006 C6K300215006	MW07 12/10/2008 C8L110371005	MW7D 12/10/2008 C8L110371004
Metals (ug/L)																	
Aluminum	7429-90-5	NL	**219**	**819**	**7170**	200 U	**39.1 J**	200 U	200 U	**36.1 J**	200 U	**22.6 J**	**412**	**6630**	200 U	200 U	**540 J+**
Antimony	7440-36-0	3 s	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	**2.5 J**	10 U	10 U	10 U
Arsenic	7440-38-2	25 s	**8.2 J**	**5 J**	**3.7 J**	10 U	10 U	10 U	10 U	**6.2 J**	**8 J**	**34.3**	10 U	**4.2 J**	10 U	**2.8 J**	**3.1 J**
Barium	7440-39-3	1,000 s	**175 J**	**250**	**508**	**62.5 J**	200 U	**126 J**	200 U	200 U	**190 J**	200 U	**102 J**	200 U	**409**	**304**	200 U
Beryllium	7440-41-7	3 g	4 U	4 U	4 U	4 U	4 U	4 U	4 U	4 U	4 U	4 U	4 U	4 U	4 U	4 U	4 U
Cadmium	7440-43-9	5 s	5 U	5 U	**1.4 J**	5 U	5 U	5 U	5 U	5 U	5 U	**0.23 J**	5 U	**0.43 J**	5 U	**0.31 J**	5 U
Calcium	7440-70-2	NL	**202000**	**183000**	**181000**	**159000**	**177000**	**189000**	**193000**	**87600**	**169000**	**170000**	**48500**	**45900**	**211000**	**216000**	**183000**
Chromium	7440-47-3	50 s	**1.5 J**	**2.2 J**	**10.4**	5 U	5 U	5 U	5 U	5 U	5 U	5 U	**1.2 J**	**10.2**	**1.5 J**	**1.1 J**	**3.2 J**
Cobalt	7440-48-4	NL	50 U	50 U	50 U	**1.2 J**	50 U	50 U	50 U	50 U	**1.6 J**	50 U	50 U	50 U	**2.3 J**	50 U	**3.7 J**
Copper	7440-50-8	200 s	**1.5 J**	25 U	**12.3 J**	**2.8 J**	25 U	**2 J**	25 U	25 U	**1.4 J**	25 U	**3.4 J**	**116**	25 U	25 U	25 U
Iron	7439-89-6	300 s	**8650**	**7900**	**82000**	**509**	100 U	100 U	100 U	**211**	**2610**	**7000**	**524**	**5790**	**24500**	**17600**	**5110**
Lead	7439-92-1	25 s	3 U	3 U	**8.4**	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	**31.7**	3 U	3 U	3 U
Magnesium	7439-95-4	35,000 s	**21900**	**22700**	**27200**	**18400**	**19900**	**25900**	**24000**	**17500**	**31900**	**28600**	**17400**	**17300**	**33900**	**34500**	**44400**
Manganese	7439-96-5	300 s	**1350**	**1050**	**2040**	**563**	15 U	**50.2**	**60.6**	**72.2**	**1310**	**1050**	**245**	**1700**	**3940**	**3960**	**4260**
Mercury	7439-97-6	0.7 s	0.2 U	0.2 U	**0.026 J**	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	**0.021 J**	0.2 U	0.2 U	0.2 U
Nickel	7440-02-0	100 s	40 U	40 U	40 J	**3 J**	40 U	40 U	40 U	40 U	**1.8 J**	40 U	40 U	40 U	**1.5 J**	**1.4 J**	**5.9 J**
Potassium	7440-09-7	NL	**38200**	**31700**	**12800**	**12800**	**12700**	**13300 J**	**12900**	**14500**	**9300**	**11600**	5000 U	**2060 J**	**18400**	**20500**	**11700**
Selenium	7782-49-2	10 s	5 U	5 U	5 U	5 U	**7.1**	**11.1 J+**	**13.9**	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Silver	7440-22-4	50 s	5 U	5 U	**0.55 J**	5 U	5 U	5 U	5 U	5 U	5 U	**0.57 J**	5 U	5 U	**0.79 J**	**0.97 J**	**0.96 J**
Sodium	7440-23-5	20,000 s	**347000 J**	**409000**	**243000**	**78300 J**	**79100**	**44900 J**	**32500**	**376000**	**122000 J**	**107000**	**25400 J**	**26000**	**606000 J**	**531000**	**164000**
Thallium	7440-28-0	0.5 g	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Vanadium	7440-62-2	NL	50 U	**3.8 J**	**14 J**	50 U	50 U	50 U	50 U	**8.6 J**	50 U	50 U	50 U	**8.4 J**	50 U	50 U	**9.6 J**
Zinc	7440-66-6	2,000 g	20 U	**28.3**	**44.4**	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	**258**	20 U	20 U	20 U
Total Cyanide (ug/L)	57-12-5	200 s	**32.3**	**36.1**	**90.9**	10 U	**2.9 J**	**20.1**	**17.6**	**81.5**	10 U	10 U	10 U	10 U	**19.2**	**20.1**	**16.7**

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J = The associated numerical value is an estimated quantity.
J+ = The result is an estimated quantity, likely to be biased high. The associated numerical value is the approximate concentration of the analyte in the sample.
Bold value - compound detected at concentration greater than the reporting limit
Yellow Shading = Compound detected at a concentration greater than the standard or guidance value.
s = Standard Value
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Note 1 - Guidance or Standard Values - NYSDEC, Division of Water, TOGS (1.1.1) [NYSDEC, 1998, with addenda through 2004].

Table 5-6
Groundwater Metals and Cyanide
Schenectady Clinton Street MGP Site

Location ID Sample Date Lab Sample ID	CAS #	NYSDEC Groundwater Guidance or Standard Value (Note 1)	MW08 11/29/2006 C6K300215009	MW08 Duplicate C6K300215010	MW08 12/11/2008 C8L120342005	MW08D 12/11/2008 C8L120342006	MW09 11/29/2006 C6K300215008	MW09 12/10/2008 C8L110371008	MW10 11/28/2006 C6K300215003	MW10 12/9/2008 C8L100288004	MW11D 12/9/2008 C8L100288008	MW15D 12/11/2008 C8L120342009	CTM14 12/10/2008 C8L110371006	CTM15 12/11/2008 C8L120342008
Metals (ug/L)														
Aluminum	7429-90-5	NL	**363**	**412**	**2770**	**2040**	200 U	200 U	200 U	200 U	**40.2 J**	**40.6 J**	200 U	**188 J**
Antimony	7440-36-0	3 s	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Arsenic	7440-38-2	25 s	**14**	**12.5**	**16.2**	**3.8 J**	10 U	10 U	10 U	10 U	10 U	10 U	**6 J**	**4.8 J**
Barium	7440-39-3	1,000 s	**189 J**	**187 J**	**131 J**	**228**	**190 J**	200 U	**52.4 J**	200 U	200 U	**103 J**	200 U	**334**
Beryllium	7440-41-7	3 g	4 U	4 U	4 U	4 U	4 U	4 U	4 U	4 U	4 U	4 U	4 U	4 U
Cadmium	7440-43-9	5 s	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Calcium	7440-70-2	NL	**141000**	**140000**	**144000**	**265000**	**141000**	**120000**	**168000**	**185000**	**165000**	**198000**	**177000**	**271000**
Chromium	7440-47-3	50 s	**2.5 J**	**2 J**	**4.8 J**	**6.2**	5 U	5 U	**1.8 J**	**1.5 J**	**3.3 J**	5 U	5 U	5 U
Cobalt	7440-48-4	NL	**0.9 J**	**1.2 J**	**1.7 J**	**0.92 J**	**1.3 J**	50 U	50 U	50 U	50 U	50 U	**0.57 J**	50 U
Copper	7440-50-8	200 s	**4.5 J**	**3.3 J**	**5.5 J**	**5.8 J**	**1.6 J**	25 U	**1.4 J**	25 U	25 U	25 U	25 U	25 U
Iron	7439-89-6	300 s	**2020**	**2040**	**5050**	**7210**	**8420**	**9700**	**21.2 J**	100 U	**458**	**827**	**6500**	**3160**
Lead	7439-92-1	25 s	3 U	3 U	**3.3**	**2.4 J**	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U
Magnesium	7439-95-4	35,000 s	**32100**	**32100**	**46500**	**38200**	**19300**	**16600**	**21800**	**20400**	**38600**	**34800**	**20400**	**26000**
Manganese	7439-96-5	300 s	**1210**	**1200**	**588**	**1670**	**1150**	**618**	**23.2**	15 U	**12800**	**1470**	**677**	**496**
Mercury	7439-97-6	0.7 s	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	**0.026 J**	0.2 U
Nickel	7440-02-0	100 s	**2.9 J**	**2.4 J**	**4.6 J**	**4.4 J**	**2 J**	40 U	**1.2 J**	40 U	40 U	**2 J**	**1 J**	**0.87 J**
Potassium	7440-09-7	NL	**26000**	**26100**	**25600**	**17100**	**36700**	**30300**	**5870**	**6550**	**12600**	**11800**	**29700**	**67800**
Selenium	7782-49-2	10 s	5 U	5 U	5 U	5 U	5 U	5 U	**7.7 J+**	**8.4**	5 U	5 U	5 U	5 U
Silver	7440-22-4	50 s	**0.83 J**	5 U	5 U	**0.74 J**	5 U	5 U	5 U	5 U	**4.1 J**	**0.69 J**	5 U	5 U
Sodium	7440-23-5	20,000 s	**653000 J**	**662000 J**	**783000**	**149000**	**617000 J**	**581000**	**116000 J**	**132000**	**132000**	**146000**	**166000**	**1070000**
Thallium	7440-28-0	0.5 g	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Vanadium	7440-62-2	NL	50 U	50 U	**21 J**	**7.9 J**	50 U	50 U	50 U	50 U	**2.7 J**	50 U	**2.8 J**	50 U
Zinc	7440-66-6	2,000 g	**70**	**24.3**	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
Total Cyanide (ug/L)	57-12-5	200 s	**245**	**233**	**178**	**110**	**119**	**119**	**4.8 J**	**5.7 J**	**6.3 J**	**55.2**	**147**	**226**

Notes:
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Note 1 - Guidance or Standard Values - NYSDEC, Division of Water, TOGS (1.1.1) [NYSDEC, 1998, with addenda through 2004].

Table 5-7
SVI Evaluation Results 2006-2008
Schenectady Clinton Street MGP Site

Sample Location		Soil Vapor																		Basement				Outdoor						Residential Background Indoor Air Concentrations[3]	Typical Commercial Background Indoor Air Concentrations[4]	Health Risk Criteria USEPA OSWER Target Concentrations (residential)[5]
Type of Sample	CAS No.	Soil Vapor		Soil Vapor		Soil Vapor		Soil Vapor		Soil Vapor		Soil Vapor		Soil Vapor		Soil Vapor		Sub-slab Soil Vapor		Sub-slab Soil Vapor		Ambient		Ambient		Ambient					
Sample ID		SV01(06)		SV02(06)		SV02DUP(06)		SV03(06)		SV04(06)		SV08(08)		SV09(08)		SV05(08)		SV06(08)		AMB01(06)		AMB01(08)		AMB02(08) (AMB01Dup)							
Laboratory ID		0611379-01A		0611379-02A		0611379-03A		0611379-04A		0611379-05A		0808615A-02A		0808615A-03A		0803685A-01A		0803685A-02A		0611379-06A		0803685A-03A		0803685A-04A							
Sampling Date		11/14/2006		11/14/2006		11/14/2006		11/14/2006		11/14/2006		8/22/2008		8/22/2008		3/28/2008		3/28/2008		11/14/2006		3/28/2008		3/28/2008							
Compound Concentration (µg/m³)		Total		Total/10		Total		Total/10		Total		Total/10		Total		Total/10		Total		Total/10		Total		Total/10		NA		NA		NA				
Possibly MGP Related or Other Sources [1]																																	
1,2,4-Trimethylbenzene	95-63-6	**10**		**1.0**		**3.3**		**0.33**		**1.6**		**0.16**		**0.93**		**0.093**		**7.3**		**0.73**		**63**		**6.3**		**52**		**5.2**		**14**		**1.4**		**9.3**		**0.93**		0.84	U	0.72	U	0.84	U	9.5	9.5	
1,3,5-Trimethylbenzene	108-67-8	**2.5**		**0.25**		**1.2**		**0.12**		**0.81**		**0.081**		0.71	U	NA		**2.6**		**0.26**		**16**		**1.6**		**13**		**1.3**		6.0	U	NA		7.6	U	NA		0.84	U	0.72	U	0.84	U	3.6	3.7	
2,2,4-Trimethylpentane	540-84-1	**4.6**		**0.46**		3.4	U	NA		3.5	U	NA		3.4	U	NA		**9.8**		**0.98**		6.2	U	NA		6.0	U	NA		28	U	NA		36	U	NA		4.0	U	3.4	U	4.0	U	NL	NL	
2,3-Dimethylpentane	565-59-3	3.0	U	NA		3.0	U	NA		3.0	U	NA		3.0	U	NA		**44**		**4.4**		5.5	U	NA		5.3	U	NA		25	U	NA		32	U	NA		3.5	U	3.0	U	3.5	U	7.5	NL	
2-Methylpentane	107-83-5	**9.7**		**0.97**		**3.9**		**0.39**		2.6	U	NA		2.5	U	NA		**160**		**16**		**22**		**2.2**		**22**		**2.2**		22	U	NA		27	U	NA		3.0	U	2.6	U	3.0	U	NL	NL	
4-Ethyltoluene	622-96-8	**5.0**		**0.50**		3.6	U	NA		3.7	U	NA		3.5	U	NA		**5.6**		**0.56**		**53**		**5.3**		**46**		**4.6**		30	U	NA		38	U	NA		4.2	U	3.6	U	4.2	U	NL	3.6	
Benzene	71-43-2	**5.8**		**0.58**		**2.0**		**0.20**		**1.7**		**0.17**		**0.62**		**0.1**		**5.6**		**0.56**		**50**		**5.0**		**46**		**4.6**		3.9	U	NA		5.0	U	NA		**0.97**		**1.1**		**1.2**		15	9.4	3.1
Carbon Disulfide	75-15-0	**14**		**1.4**		**4.8**		**0.48**		**5.6**		**0.56**		2.2	U	NA		**16**		**1.6**		**42**		**4.2**		4.0	U	NA		19	U	NA		24	U	NA		2.7	U	2.3	U	2.7	U	NL	4.2	
Cyclohexane	110-82-7	2.6	U	NA		2.5	U	NA		2.6	U	NA		2.5	U	NA		2.6	U	NA		4.6	U	NA		4.4	U	NA		21	U	NA		27	U	NA		2.9	U	2.5	U	2.9	U	8.1	NL	
Ethylbenzene	100-41-4	**4.9**		**0.49**		**2.3**		**0.23**		**1.6**		**0.16**		**0.75**		**0.075**		**5.2**		**0.52**		**58**		**5.8**		**47**		**4.7**		**220**		**22**		**180**		**18**		0.74	U	0.63	U	0.74	U	7.4	5.7	22
Heptane	142-82-5	**6.0**		**0.60**		3.0	U	NA		3.0	U	NA		3.0	U	NA		**56**		**5.6**		**12**		**1.2**		**11**		**1.1**		25	U	NA		32	U	NA		3.5	U	3.0	U	3.5	U	19	NL	
Hexane	110-54-3	**6.8**		**0.68**		**2.7**		**0.27**		2.6	U	NA		2.5	U	NA		**200**		**20**		**46**		**4.6**		**43**		**4.3**		21	U	NA		27	U	NA		3.0	U	2.6	U	3.0	U	18	10.2	
Indan	496-11-7	3.6	U	NA		3.5	U	NA		3.6	U	NA		3.5	U	NA		3.6	U	NA		6.5	U	NA		6.2	U	NA		29	U	NA		37	U	NA		4.1	U	3.5	U	4.1	U	NL	NL	
Indene	95-13-6	3.5	U	NA		3.5	U	NA		3.5	U	NA		3.4	U	NA		3.5	U	NA		6.4	U	NA		6.1	U	NA		29	U	NA		37	U	NA		4.1	U	3.5	U	4.1	U	NL	NL	
Isopentane	78-78-4	**32**		**3.2**		**9.5**		**0.95**		**4.4**		**0.44**		2.1	U	NA		**160**		**16**		**37**		**3.7**		**37**		**3.7**		18	U	NA		23	U	NA		**3.2**		**2.6**		**2.7**		NL	NL	
Naphthalene	91-20-3	3.9	U	NA		**4.3**		**0.43**		3.9	U	NA		3.8	U	NA		3.9	U	NA		7.0	U	NA		6.8	U	NA		**140**		**14**		41	U	NA		4.5	U	3.8	U	4.5	U	NL	5.1	3.0
Styrene	100-42-5	**3.0**		**0.30**		**0.96**		**0.096**		**0.91**		**0.091**		0.61	U	NA		**3.2**		**0.32**		1.1	U	NA		1.1	U	NA		5.2	U	NA		6.6	U	NA		0.73	U	0.62	U	0.73	U	1.3	1.9	
Thiophene	110-02-1	2.6	U	NA		2.5	U	NA		2.6	U	NA		2.5	U	NA		2.6	U	NA		4.6	U	NA		4.4	U	NA		21	U	NA		27	U	NA		2.9	U	2.5	U	2.9	U	NL	NL	
Toluene	108-88-3	**91**		**9.1**		**23**		**2.3**		**20**		**2.0**		**9.5**		**0.95**		**74**		**7.4**		**310**		**31**		**290**		**29**		**5.7**		**0.57**		**150**		**15**		**3.5**		**3.2**	**J**	**4.0**	**J**	58	43	400
m/p-Xylenes	136777-61-2	**15**		**1.5**		**7.2**		**0.72**		**5.0**		**0.50**		**2.1**		**0.21**		**17**		**1.7**		**200**		**20**		**180**		**18**		**1200**		**120**		**1300**		**130**		**1.1**		**1.1**	**J**	**1.7**	**J**	12	22.2	7000
o-Xylene	95-47-6	**5.1**		**0.51**		**3.0**		**0.30**		**2.1**		**0.21**		**0.81**		**0.081**		**5.4**		**0.54**		**60**		**6.0**		**54**		**5.4**		**580**		**58**		**510**		**51**		0.74	U	0.63	U	0.74	U	7.6	7.9	7000
Not MGP Related [2]																																	
1,1,1-Trichloroethane (1,1,1-TCA)	71-55-6	0.81	U	NA		0.80	U	NA		0.81	U	NA		**2.4**		**0.24**		0.81	U	NA		1.5	U	NA		**1.8**		**0.18**		6.6	U	NA		8.4	U	NA		0.93	U	0.80	U	0.93	U	3.1	20.6	
1,1,2,2-Tetrachloroethane	79-34-5	1.0	U	NA		1.0	U	NA		1.0	U	NA		0.99	U	NA		1.0	U	NA		1.8	U	NA		1.8	U	NA		8.4	U	NA		11	U	NA		1.2	U	1.0	U	1.2	U	<0.25	NL	
1,1,2-Trichloroethane	79-00-5	0.81	U	NA		0.80	U	NA		0.81	U	NA		0.78	U	NA		0.81	U	NA		1.5	U	NA		1.4	U	NA		6.6	U	NA		8.4	U	NA		0.93	U	0.80	U	0.93	U	<0.25	<1.5	
1,1-Dichloroethane	75-34-3	0.6	U	NA		0.59	U	NA		0.60	U	NA		0.58	U	NA		0.60	U	NA		1.1	U	NA		1.0	U	NA		4.9	U	NA		6.3	U	NA		0.69	U	0.59	U	0.69	U	<0.25	<0.7	
1,1-Dichloroethene	75-35-4	0.59	U	NA		0.58	U	NA		0.59	U	NA		0.57	U	NA		0.59	U	NA		1.1	U	NA		1.0	U	NA		4.8	U	NA		6.1	U	NA		0.68	U	0.58	U	0.68	U	<0.25	<1.4	
1,2,4-Trichlorobenzene	120-82-1	5.5	U	NA		5.4	U	NA		5.5	U	NA		5.3	U	NA		5.5	U	NA		9.9	U	NA		9.6	U	NA		45	U	NA		58	U	NA		6.3	U	5.4	U	6.3	U	3.4	<6.8	
1,2-Dibromoethane (EDB)	106-93-4	1.1	U	NA		1.1	U	NA		1.1	U	NA		1.1	U	NA		1.1	U	NA		2.0	U	NA		2.0	U	NA		9.4	U	NA		12	U	NA		1.3	U	1.1	U	1.3	U	<0.25	<1.5	
1,2-Dichlorobenzene	95-50-1	0.90	U	NA		0.88	U	NA		0.90	U	NA		0.86	U	NA		0.90	U	NA		1.6	U	NA		1.6	U	NA		7.3	U	NA		9.3	U	NA		1.0	U	0.88	U	1.0	U	0.72	<1.2	
1,2-Dichloroethane	107-06-2	0.60	U	NA		0.59	U	NA		0.60	U	NA		0.58	U	NA		0.60	U	NA		1.1	U	NA		1.0	U	NA		4.9	U	NA		6.3	U	NA		0.69	U	0.59	U	0.69	U	<0.25	<0.9	
1,2-Dichloropropane	78-87-5	0.69	U	NA		0.67	U	NA		0.69	U	NA		0.66	U	NA		0.69	U	NA		1.2	U	NA		1.2	U	NA		5.6	U	NA		7.2	U	NA		0.79	U	0.67	U	0.79	U	<0.25	<1.6	
1,3-Butadiene	106-99-0	1.6	U	NA		1.6	U	NA		1.6	U	NA		1.6	U	NA		1.6	U	NA		3.0	U	NA		2.8	U	NA		13	U	NA		17	U	NA		1.9	U	1.6	U	1.9	U	NL	<3.0	
1,3-Dichlorobenzene	541-73-1	0.90	U	NA		0.88	U	NA		0.90	U	NA		0.86	U	NA		0.90	U	NA		1.6	U	NA		1.6	U	NA		7.3	U	NA		9.3	U	NA		1.0	U	0.88	U	1.0	U	0.6	<2.4	
1,4-Dichlorobenzene	106-46-7	0.90	U	NA		0.88	U	NA		0.90	U	NA		0.86	U	NA		0.90	U	NA		1.6	U	NA		1.6	U	NA		7.3	U	NA		9.3	U	NA		1.0	U	0.88	U	1.0	U	1.3	5.5	
1,4-Dioxane	123-91-1	2.7	U	NA		2.6	U	NA		2.7	U	NA		2.6	U	NA		2.7	U	NA		4.8	U	NA		4.6	U	NA		22	U	NA		28	U	NA		3.1	U	2.6	U	3.1	U	NL	NL	
2-Butanone (MEK)	78-93-3	**2.3**		**0.23**		**6.4**		**0.64**		**9.8**		**0.98**		**3.4**		**0.34**		**7.1**		**0.71**		4.0	U	NA		**7.8**		**0.78**		18	U	NA		23	U	NA		2.5	U	**3.6**		**3.3**		16	12	
2-Hexanone	591-78-6	3.0	U	NA		3.0	U	NA		3.0	U	NA		2.9	U	NA		3.0	U	NA		5.5	U	NA		5.3	U	NA		25	U	NA		32	U	NA		3.5	U	3.0	U	3.5	U	NL	NL	
4-Methyl-2-pentanone	108-10-1	3.0	U	NA		3.0	U	NA		3.0	U	NA		2.9	U	NA		3.0	U	NA		5.5	U	NA		5.3	U	NA		25	U	NA		32	U	NA		3.5	U	3.0	U	3.5	U	2.2	6	
Acetone	67-64-1	**37**		**3.7**		**48**		**4.8**		**70**		**7.0**		**25**		**2.5**		**47**		**4.7**		**59**		**5.9**		**66**		**6.6**		**19**		**1.9**		**56**		**5.6**		**6.0**		**17**		**14**		110	98.9	
Benzyl chloride	100-44-7	0.77	U	NA		0.76	U	NA		0.77	U	NA		0.74	U	NA		0.77	U	NA		1.4	U	NA		1.3	U	NA		6.3	U	NA		8.0	U	NA		0.88	U	0.76	U	0.88	U	NL	NL	
Bromodichloromethane	75-27-4	5.0	U	NA		4.9	U	NA		5.0	U	NA		4.8	U	NA		5.0	U	NA		9.0	U	NA		8.6	U	NA		41	U	NA		52	U	NA		5.7	U	4.9	U	5.7	U	NL	NL	
Bromoform	75-25-2	7.7	U	NA		7.5	U	NA		7.7	U	NA		7.4	U	NA		7.7	U	NA		14	U	NA		13	U	NA		63	U	NA		80	U	NA		8.8	U	7.5	U	8.8	U	NL	NL	
Bromomethane	74-83-9	0.58	U	NA		0.57	U	NA		0.58	U	NA		0.56	U	NA		0.58	U	NA		1.0	U	NA		1.0	U	NA		4.7	U	NA		6.0	U	NA		0.66	U	0.57	U	0.66	U	0.6	<1.7	
Carbon Tetrachloride	56-23-5	0.94	U	NA		0.92	U	NA		0.94	U	NA		0.91	U	NA		0.94	U	NA		1.7	U	NA		1.6	U	NA		7.7	U	NA		9.8	U	NA		1.1	U	0.92	U	1.1	U	0.81	<1.3	
Chlorobenzene	108-90-7	0.68	U	NA		0.67	U	NA		0.68	U	NA		0.66	U	NA		0.68	U	NA		1.2	U	NA		1.2	U	NA		5.6	U	NA		7.1	U	NA		0.79	U	0.67	U	0.79	U	<0.25	<0.9	
Chloroethane	75-00-3	0.39	U	NA		0.38	U	NA		0.39	U	NA		0.38	U	NA		0.39	U	NA		0.71	U	NA		0.68	U	NA		3.2	U	NA		4.1	U	NA		0.45	U	0.38	U	0.45	U	<0.25	<1.1	
Chloroform	67-66-3	0.73	U	NA		**1.7**		**0.17**		**1.8**		**0.18**		**7.4**		**0.74**		**3.5**		**0.35**		1.3	U	NA		1.2	U	NA		6.0	U	NA		**180**		**18**		0.83	U	0.71	U	0.83	U	1.4	1.1	
Chloromethane	74-87-3	0.31	U	NA		0.30	U	NA		0.31	U	NA		0.30	U	NA		0.31	U	NA		0.55	U	NA		0.53	U	NA		2.5	U	NA		3.2	U	NA		**1.3**		**1.3**		**1.0**		3.3	3.7	
cis-1,2-Dichloroethene	156-59-2	0.59	U	NA		0.58	U	NA		0.59	U	NA		0.57	U	NA		0.59	U	NA		1.1	U	NA		1	U	NA		4.8	U	NA		6.1	U	NA		0.68	U	0.58	U	0.68	U	<0.25	<1.9	
cis-1,3-Dichloropropene	10061-01-5	0.68	U	NA		0.66	U	NA		0.68	U	NA		0.65	U	NA		0.68	U	NA		1.2	U	NA		1.2	U	NA		5.5	U	NA		7.0	U	NA		0.78	U	0.66	U	0.78	U	<0.25	<2.3	
Dibromochloromethane	124-48-1	6.3	U	NA		6.2	U	NA		6.3	U	NA		6.1	U	NA		6.3	U	NA		11	U	NA		11	U	NA		52	U	NA		66	U	NA		7.3	U	6.2	U	7.3	U	NL	NL	
Ethanol	64-17-5	1.4	U	NA		**4.3**		**0.43**		**4.7**		**0.47**		1.4	U	NA		1.4	U	NA		**24**		**2.4**		**38**		**3.8**		11	UJ	NA		**14**	**J**	**1.4**		**7.5**		**13**	**J**	**11**	**J**	1400	NL	
Trichlorofluoromethane (Freon 11)	75-69-4	**64**		**6.4**		**20**		**2.0**		**21**		**2.1**		**11**		**1.1**		**2.2**		**0.22**		**2.5**		**0.25**		**2.3**		**0.23**		**58**		**5.8**		8.7	U	NA		**1.4**		**1.8**		**2.1**		17	18.1	
1,1,2-Trichlorotrifluoroethane (Freon 113)	76-13-1	1.1	U	NA		1.1	U	NA		1.1	U	NA		1.1	U	NA		1.1	U	NA		2.0	U	NA		2.0	U	NA		9.4	U	NA		12	U	NA		1.3	U	1.1	U	1.3	U	1.8	NL	
1,2-Dichlorotetrafluoroethane	76-14-2	1.0	U	NA		1.0	U	NA		1.0	U	NA		1.0	U	NA		1.0	U	NA		1.9	U	NA		1.8	U	NA		8.5	U	NA		11	U	NA		1.2	U	1.0	U	1.2	U	0.52	NL	
Dichlorodifluoromethane (Freon 12)	75-71-8	**28**		**2.8**		**3.9**		**0.39**		**3.6**		**0.36**		**5.5**		**0.55**		**1.9**		**0.19**		1.3	U	NA		1.3	U	NA		6.0	U	NA		7.7	U	NA		**2.6**		**2.9**		**2.6**		15	16.5	
Hexachlorobutadiene (C-46)	87-68-3	7.9	U	NA		7.8	U	NA		7.9	U	NA		7.7	U	NA		7.9	U	NA		14	U	NA		14	U	NA		65	U	NA		83	U	NA		9.1	U	7.8	U	9.1	U	4.6	<6.8	
Methyl tert-Butyl Ether (MTBE)	1634-04-4	2.7	U	NA		2.6	U	NA		2.7	U	NA		2.6	U	NA		2.7	U	NA		4.8	U	NA		4.6	U	NA		22	U	NA		28	U	NA		3.1	U	2.6	U	3.1	U	27	11.5	
Methylene Chloride (Dichloromethane)	75-09-2	**1.8**		**0.18**		**1.5**		**0.15**		0.52	U	NA		0.5	U	NA		**20**		**2.0**		0.93	U	NA		**0.92**		**0.092**		4.2	U	NA		5.4	U	NA		0.59	U	**0.49**	**J**	**1.0**	**J**	22	10	
2-Propanol	67-63-0	1.8	U	NA		**2.2**		**0.22**		**2.7**		**0.27**		1.8	U	NA		1.8	U	NA		3.3	U	NA		3.2	U	NA		15	U	NA		19	U	NA		2.1	U	**2.1**	**J**	2.1	UJ	NL	NL	
Propene	115-07-1	1.3	U	NA		1.2	U	NA		1.3	U	NA		1.2	U	NA		1.3	U	NA		2.3	U	NA		2.2	U	NA		10	U	NA		13	U	NA		1.5	U	1.2	U	1.5	U	NL	NL	
Tetrachloroethene (PCE)	127-18-4	**4.2**		**0.42**		**0.96**	**J**	**0.096**		1.0	U	NA		0.98	U	NA		**2.0**		**0.20**		1.8	U	NA		1.8	U	NA		8.3	U	NA		10	U	NA		1.2	U	0.99	U	1.2	U	2.9	15.9	
Tetrahydrofuran	109-99-9	2.2	U	NA		2.2	U	NA		2.2	U	NA		2.1	U	NA		2.2	U	NA		4.0	U	NA		**3.8**		U	NA		18	U	NA		23	U	NA		2.5	U	2.2	U	2.5	U	3.3	NL	
Trans-1,2-Dichloroethene	156-60-5	3.0	U	NA		2.9	U	NA		3.0	U	NA		2.8	U	NA		3.0	U	NA		5.3	U	NA		5.1	U	NA		24	U	NA		31	U	NA		3.4	U	2.9	U	3.4	U	NA	NL	
Trans-1,3-Dichloropropene	10061-02-6	0.68	U	NA		0.66	U	NA		0.68	U	NA		0.65	U	NA		0.68	U	NA		1.2	U	NA		1.2	U	NA		5.5	U	NA		7.0	U	NA		0.78	U	0.66	U	0.78	U	<0.25	<1.3	
Trichloroethene (TCE)	79-01-6	0.80	U	NA		0.78	U	NA		0.80	U	NA		0.77	U	NA		0.80	U	NA		1.4	U	NA		1.4	U	NA		6.6	U	NA		8.3	U	NA		0.92	U	0.78	UJ	0.92	UJ	0.48	4.2	
Vinyl Chloride	75-01-4	0.38	U	NA		0.37	U	NA		0.38	U	NA		0.37	U	NA		0.38	U	NA		0.68	U	NA		0.66	U	NA		3.1	U	NA		4.0	U	NA		0.44	U	0.37	U	0.44	U	<0.25	<1.9	

Notes:
All units in micrograms per cubic meter (µg/m³)
1 - These compounds may be related to either MGP sources or non-MGP sources, or both. MGP sources include MGP tars and petroleum feedstocks used in MGP processes, such as the carburetted water gas process. Non-MGP sources include cleaning products, floor wax and polish, vehicle exhaust, construction materials, and cigarette smoke.
2 - These compounds are not related to MGP sources and are present due to non-MGP sources, such as vehicle exhaust, heating and air conditioning systems, cleaning agents, art supplies, paints, etc.
3 - New York State Department of Health, November 14, 2005. 90th percentile values from homes heated with fuel oil.
4 - Typical commercial background indoor air concentrations are the 90th percentile values observed by the USEPA in a study conducted from 1994 through 1996, which are the values recommended for comparison in the NYSDOH "Guidance for Evaluating Soil Vapor Intrusion in the State of New York" (NYSDOH, October 2006).
5 - OSWER Draft Guidance for Evaluating the Vapor Intrusion to Indoor Air Pathway from Groundwater and Soils (Subsurface Vapor Intrusion Guidance) Risk factor 10E-5 used for benzene and ethyl benzene for conservative residential scenario.
Bold - Compound detected in a concentration greater than the method reporting limits.
Total/10 - An attenuation factor of 0.1 was used to conservatively screen shallow soil vapor concentrations.
NA - Not Applicable
NL - Not listed - data not available for background concentrations for these compounds.
U - The compound was analyzed for, but was not detected above the method reporting limit.
J - The analyte was positively identified. The associated numerical value is the approximate concentration of the analyte in the sample.
UJ - The analyte was analyzed for, but was not detected. The reported quantitation limit is approximated and may be inaccurate or imprecise.

Table 5-8
Hazardous Characteristics Sample Summary
RI OU1 Schenectady MGP Site

Sample ID Sample Designation Lab ID Date Sampled	CAS Number	Regulatory Level (Note 1)	SB15 SB15(25-27) C6K100374006 11/3/2006		SB17 SB17(10.5-11.5) C6K100374005 11/2/2006	
GENERAL						
Corrosivity S.U.	NA	2.0 to 12.5	8.3		9.6	
Sulfide (Reactivity) (mg/Kg)	NA	500	ND		401	
Ignitability	NA	140	NO		NO	
TCLP METALS (mg/L)						
Arsenic	7440-38-2	5	0.2	B	0.26	B
Selenium	7782-49-2	1	ND		ND	
Barium	7440-39-3	100	0.25	B	0.14	B
Cadmium	7440-43-9	1	ND		ND	
Chromium	7440-47-3	5	ND		0.004	B
Lead	7439-92-1	5	ND		0.02	B
Silver	7440-22-4	5	ND		ND	
Mercury	7439-97-6	0.2	ND		ND	
TCLP BNA (mg/L)						
1,4-Dichlorobenzene	106-46-7	7.5	ND		ND	
Total Cresols	95-48-7; 108-39-4; 106-44-5	200	0.064		44	
Hexachloroethane	67-72-1	3	ND		ND	
Nitrobenzene	98-95-3	2	ND		ND	
Hexachlorobutadiene	87-68-3	0.5	ND		ND	
2,4,6-Trichlorophenol	88-06-2	2	ND		ND	
2,4,5-Trichlorophenol	95-95-4	400	ND		ND	
2,4-Dinitrotoluene	121-14-2	0.13	ND		ND	
Hexachlorobenzene	118-74-1	0.13	ND		ND	
Pentachlorophenol	87-86-5	100	ND		ND	
Pyridine	110-86-1	5	ND		ND	
TCLP VOA (mg/L)						
Vinyl Chloride	75-01-4	0.2	ND		ND	
1,1-Dichloroethene	75-35-4	0.7	ND		ND	
Chloroform	67-66-3	6	ND		ND	
1,2-Dichloroethane	107-06-2	0.5	ND		ND	
2-Butanone	78-93-3	200	ND		ND	
Carbon Tetrachloride	56-23-5	0.5	ND		ND	
Trichloroethene	79-01-6	0.5	ND		ND	
Benzene	71-43-2	0.5	0.018	J	9.3	
Tetrachloroethene	127-18-4	0.7	ND		ND	
Chlorobenzene	108-90-7	100	ND		ND	

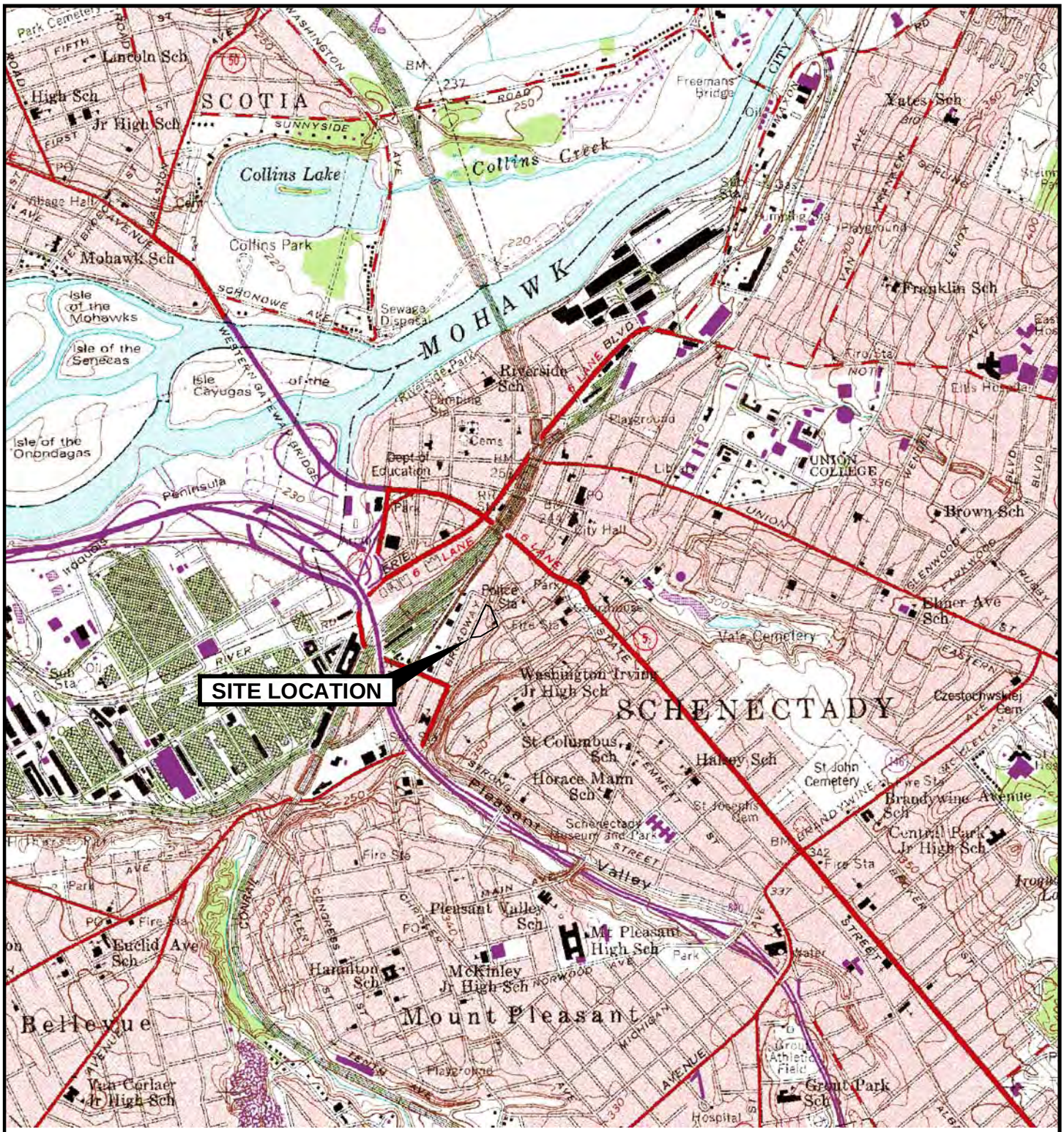
Notes:
ND = The material was analyzed for, but not detected.
B = The associated numerical value is an estimated quantity. The result is less than the laboratory reporting limit.
J = The associated numerical value is an estimated quantity.
Shaded Value Concentration greater than regulatory criteria.
Note(1) - Regulatory Level - Federal Register [Nov. 1992]

Table 6-1
Exposure Pathway Analysis - Potential Receptors
Schenectady MGP Site

Receptor	Exposure Medium	Exposure Pathway	Pathway Not Considered Complete	Pathway Considered Potentially Complete, But Not Likely to Result in Exposure	Pathway Potentially Complete and Will Be Addressed in the Feasibility Study for the Site	Rationale for Inclusion or Exclusion
On-site Residents						
Residents	**On-site Surface Soil (0-2 inches)**	Ingestion	---	**X**	---	Surface soil sampling not performed because of numerous episodes of redevelopment which have involved the re-grading of the ground surface and the installation of parking lots, buildings, and modern landscaped areas. Impacts to surface soil are not expected.
		Dermal Contact	---	**X**	---	
		Inhalation of Particulates	---	**X**	---	
		Inhalation of Volatiles in Ambient Air	---	**X**	---	
	On-site Subsurface Soil (>2 inches)	Ingestion	**X**	---	---	Residents are not likely to contact subsurface soils.
		Dermal Contact	**X**	---	---	
		Inhalation of Particulates	**X**	---	---	
		Inhalation of Volatiles in Ambient Air	**X**	---	---	
	Groundwater	Ingestion	**X**	---	---	Residents are not likely to contact groundwater.
		Dermal contact	**X**	---	---	
		Inhalation of Volatiles in Ambient Air	**X**	---	---	
On-site Workers						
On-site Workers	**On-site Surface Soil (0-2 inches)**	Ingestion	---	**X**	---	On-site Workers may be exposed to residuals in surface soil while working at the site; however, all areas that might be impacted are covered with grass, pavement, or buildings. Also, impacts to surface soil are not expected, therefore exposure is not likely.
		Dermal contact	---	**X**	---	
		Inhalation of Particulates	---	**X**	---	
		Inhalation of Volatiles in Ambient Air	---	**X**	---	
	On-site Subsurface Soil (>2 inches)	Ingestion	**X**	---	---	On-site Building Workers would not be exposed to subsurface soil while working at the site. On-site Building Workers may be exposed to impacted vapors from impacted subsurface soil at the site; however a vapor intrusion pathway analyses was performed and indoor air is not adversly impacted in the building.
		Dermal contact	**X**	---	---	
		Inhalation of Particulates	**X**	---	---	
		Inhalation of Volatiles in Ambient Air	**X**	---	---	
		Inhalation of Volatiles in Indoor Air	---	**X**	---	
	Groundwater	Ingestion	**X**	---	---	On-site Building Workers would not be exposed to groundwater while working at the site. On-site Building Workers may be exposed to impacted vapors from impacted groundwater at the site; however a vapor intrusion pathway analysis was performed and indoor air is not adversly impacted in the building.
		Dermal contact	**X**	---	---	
		Inhalation of Volatiles in Ambient Air	**X**	---	---	
		Inhalation of Volatiles in Indoor Air	---	**X**	---	
On-site Outdoor Maintainence Worker						
On-site Outdoor Maintainence Worker	**On-site Surface Soil (0-2 inches)**	Ingestion	---	**X**	---	Outdoor Maintenance Workers who mow the grass on the site may be exposed to residuals in surface soil or particulates, therefore the exposure pathway is considered potentially complete. Since the site is covered with grass, the tar materials and NAPL are covered with pavement or buildings, the workers would only be on site for a short time, and impacts to surface soil are not expected, exposure is not likely.
		Dermal Contact	---	**X**	---	
		Inhalation of Particulates	---	**X**	---	
		Inhalation of Volatiles in Ambient Air	---	**X**	---	Outdoor Maintenance Workers may be infrequently exposed to ambient air VOCs emanating from on-site tar materials and NAPL near the surface; however, exposure is not likely due to pavement cover, atmospheric mixing, and dilution of the VOCs in ambient air.
	On-site Subsurface Soil (>2 inches)	Ingestion	---	**X**	---	Outdoor Maintenance Workers are not likely to contact subsurface soils during their workday.
		Dermal Contact	---	**X**	---	
		Inhalation of Particulates	---	**X**	---	
		Inhalation of Volatiles in Ambient Air	---	**X**	---	
	Groundwater	Ingestion	**X**	---	---	Outdoor Maintenance Workers are not likely to contact groundwater during their workday.
		Dermal contact	**X**	---	---	
		Inhalation of Volatiles in Ambient Air	**X**	---	---	
On-site Outdoor Subsurface Utility Worker						
On-site Outdoor Subsurface Utility or Construction Workers	**On-site Surface Soil (0-2 inches)**	Ingestion	---	**X**	---	Outdoor Utility Workers who repair or maintain equipment at the site may be exposed to residuals in surface soil or particulates, therefore the exposure pathway is considered potentially complete. Since the site is covered with pavement, buildings and grass and the tar materials and NAPL are covered, the workers would only be on site for a short time, and impacts to surface soil are not expected, exposure is not likely.
		Dermal contact	---	**X**	---	
		Inhalation of Particulates	---	**X**	---	
		Inhalation of Volatiles in Ambient Air	---	**X**	---	
	On-site Subsurface Soil (>2 inches)	Ingestion	---	---	**X**	Outdoor Subsurface Utility Workers may be exposed to tar and MGP related residuals in subsurface soil, dust, or VOCs in ambient air while completing excavation work to repair or replace subsurface utilities or other equipment that is present at the site. Therefore, the pathway will be addressed in the FS evaluation of potential remedial actions for the site.
		Dermal contact	---	---	**X**	
		Inhalation of Particulates	---	---	**X**	
		Inhalation of Volatiles in Ambient Air	---	---	**X**	
	Groundwater	Ingestion	---	---	**X**	Outdoor Subsurface Utility Workers may be exposed to residuals in groundwater and VOCs in ambient air while completing excavation work to repair or replace gas pipes or other equipment that is present at the site. Therefore, the pathway will be addressed in the FS evaluation of potential remedial actions for the site.
		Dermal contact	---	---	**X**	
		Inhalation of Volatiles in Ambient Air	---	---	**X**	
On-site Visitor or Tresspassor						
Site Visitor or Tresspassor	**On-site Surface Soil (0-2 inches)**	Ingestion	---	**X**	---	On-site Visitors and Tresspassors may be exposed to residuals in surface soil and VOCs in ambient air while visiting the site; however, the site is covered with grass or pavement, and the Visitors or Tresspassors would only be on site for a short time, therefore, exposure is not likely.
		Dermal contact	---	**X**	---	
		Inhalation of Particulates	---	**X**	---	
		Inhalation of Volatiles in Ambient Air	---	**X**	---	
	On-site Subsurface Soil (>2 inches)	Ingestion	**X**	---	---	On-site Visitors or Tresspassors would not be exposed to subsurface soil while visiting the site.
		Dermal contact	**X**	---	---	
		Inhalation of Particulates	**X**	---	---	
		Inhalation of Volatiles in Ambient Air	**X**	---	---	
	Groundwater	Ingestion	**X**	---	---	On-site Visitors or Tresspassors would not be exposed to groundwater while visiting the site.
		Dermal contact	**X**	---	---	
		Inhalation of Volatiles in Ambient Air	**X**	---	---	
Off-site Receptors Outside of OU2						
Residents, Workers, Visitors and Tresspassors	**Off-site Surface Soil (0-2 inches)**	Ingestion	**X**	---	---	Off-site receptors would not be exposed to residuals in surface soil or VOCs in ambient air as OU1 is covered with grass or pavement, preventing the migratio of fugative dust or volatiles.
		Dermal contact	**X**	---	---	
		Inhalation of Particulates	**X**	---	---	
		Inhalation of Volatiles in Ambient Air	**X**	---	---	
	Off-site Subsurface Soil (>2 inches)	Ingestion	**X**	---	---	Off-site receptors would not be exposed to subsurface soil from OU1
		Dermal contact	**X**	---	---	
		Inhalation of Particulates	**X**	---	---	
		Inhalation of Volatiles in Ambient Air	**X**	---	---	
	Groundwater	Ingestion	**X**	---	---	Off-site receptors would not be exposed to impacted groundwater.
		Dermal contact	**X**	---	---	
		Inhalation of Volatiles in Ambient Air	**X**	---	---	

Notes:
OU2 receptors are not addressed in this report. All OU2 receptors will be evaluated in the OU2 Remedial Investigation.
Yellow shading indicates potentially complete pathway exists.

Figures



UNITED STATES GEOLOGIC SURVEY
SCHENECTADY QUADRANGLE
NEW YORK - SCHENECTADY CO.
7.5 MINUTE SERIES (TOPOGRAPHY)

SCHENECTADY, N.Y.
1954
PHOTOREVISED 1980

SCALE 1:24000

1 0 1/2 0 1 MILE

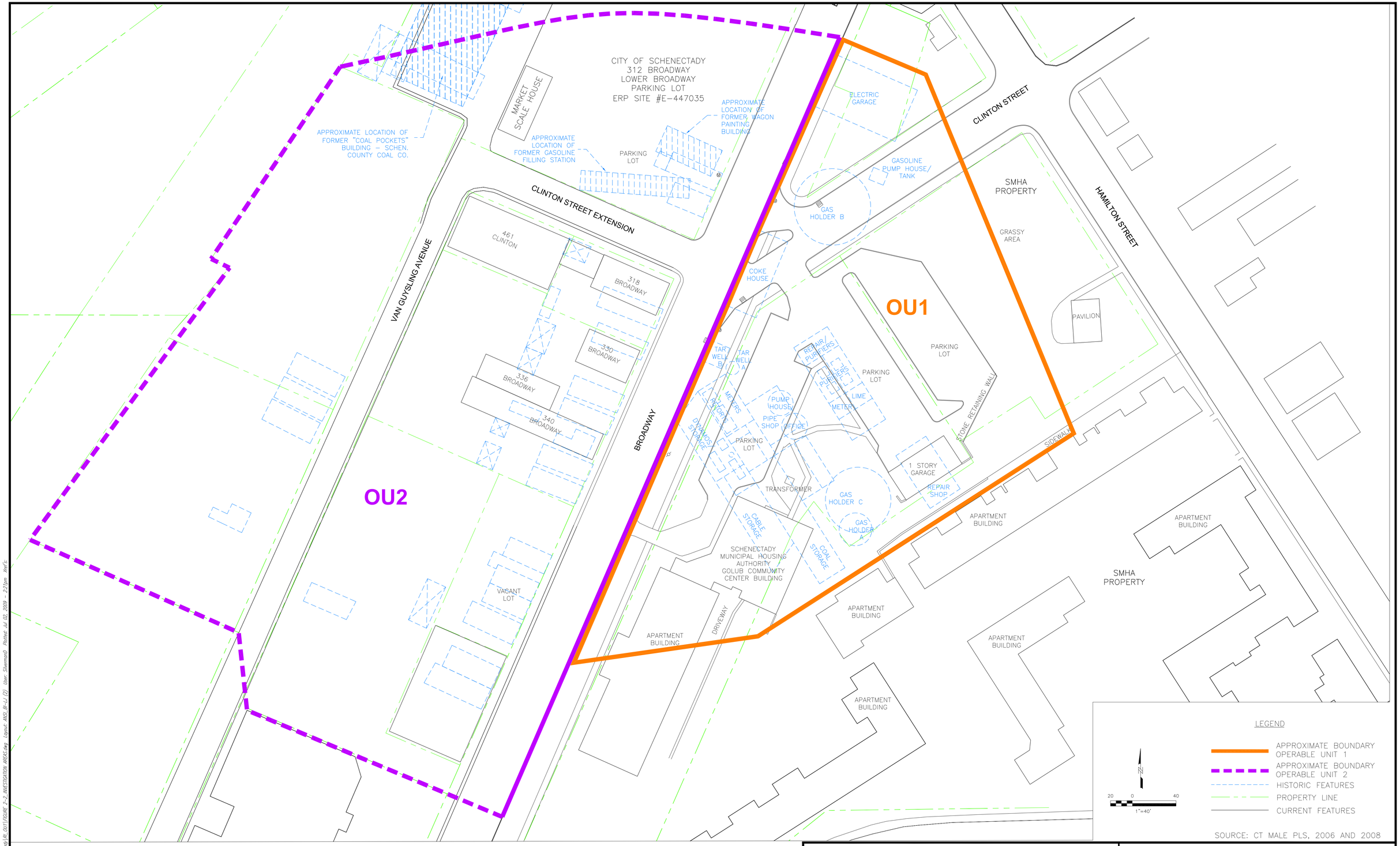
1000 0 1000 2000 3000 4000 5000 6000 7000 FEET

N

AECOM

SCHENECTADY CLINTON STREET RI REPORT - OU1 04980-011-100			**SITE LOCATION MAP**
DATE: 06/03/09	DRWN: DLS/PGH		**FIGURE 2-1**

File: F:\04980_400_Schenectady\RI_OU1\FIGURE 2-1_SITE LOCATION MAP.dwg Layout: ANSI_AVI-LJ User: SilvermanD Plotted: Jun 03, 2009 - 1:18pm Xref's:



AECOM

SCHENECTADY CLINTON STREET MGP SITE
REMEDIAL INVESTIGATION REPORT - OU1
04980-400-100

INVESTIGATION AREAS AND CURRENT AND HISTORIC SITE FEATURES

DATE: 07/02/09 | DRWN: DLS/PGH | **FIGURE 2-2**

File: P:\04980_400_Schenectady\Re_OU1\TIGRE X-2_INVESTIGATION AREAS.dwg Layout: ARCH_B+ (L) User: Schimmoll Plotted: Jul 02, 2009 - 2:21pm

File: F:\04980_400_Schenectady\RI_OU1\FIGURE 2-3_FEATURES AND SUBSURFACE UTILITIES.dwg Layout: ANSI_DVI User: SilvermanD Plotted: Jul 01, 2009 - 11:21am Xref's:

CITY OF SCHENECTADY
312 BROADWAY
LOWER BROADWAY
PARKING LOT
ERP SITE #E-447035

PARKING LOT
PARKING LOT
BROADWAY
CLINTON STREET
ELECTRIC GARAGE
GASOLINE PUMP HOUSE/ TANK
SMHA PROPERTY
HAMILTON
GAS HOLDER B
GRASSY AREA
CLINTON STREET EXTENSION
461 CLINTON
318 BROADWAY
330 BROADWAY
336 BROADWAY
340 BROADWAY
COKE HOUSE
PAVILION
TAR WELL B
TAR WELL A
REPAIR/ PURIFIERS
PURIFIERS
LIME
METER
PUMP HOUSE
METERS
MOTORS
PIPE SHOP
OFFICE
DYNAMOS/ STORAGE
PARKING LOT
PARKING LOT
STONE RETAINING WALL
SIDEWALK
1 STORY GARAGE
REPAIR SHOP
TRANSFORMER
GAS HOLDER C
GAS HOLDER A
APARTMENT BUILDING
CABLE STORAGE
COAL STORAGE
SCHENECTADY MUNICIPAL HOUSING AUTHORITY GOLUB COMMUNITY CENTER BUILDING
VACANT LOT
APARTMENT BUILDING
DRIVEWAY
APARTMENT BUILDING
APARTMENT BUILDING
APARTMENT BUILDING
ADWAY

LEGEND

- CURRENT FEATURES
- HISTORIC FEATURES
- OVERHEAD ELECTRIC LINE
- SANITARY SEWER
- STORM SEWER
- WATER LINE
- UTILITY POLE
- UNDERGROUND TELEPHONE LINE
- GAS LINE
- UNDERGROUND ELECTRIC LINE
- FIBER OPTIC LINE
- TRAFFIC SIGNAL LINES
- MANHOLE
- CATCH BASIN

N

15 0 30
1"=30'

AECOM

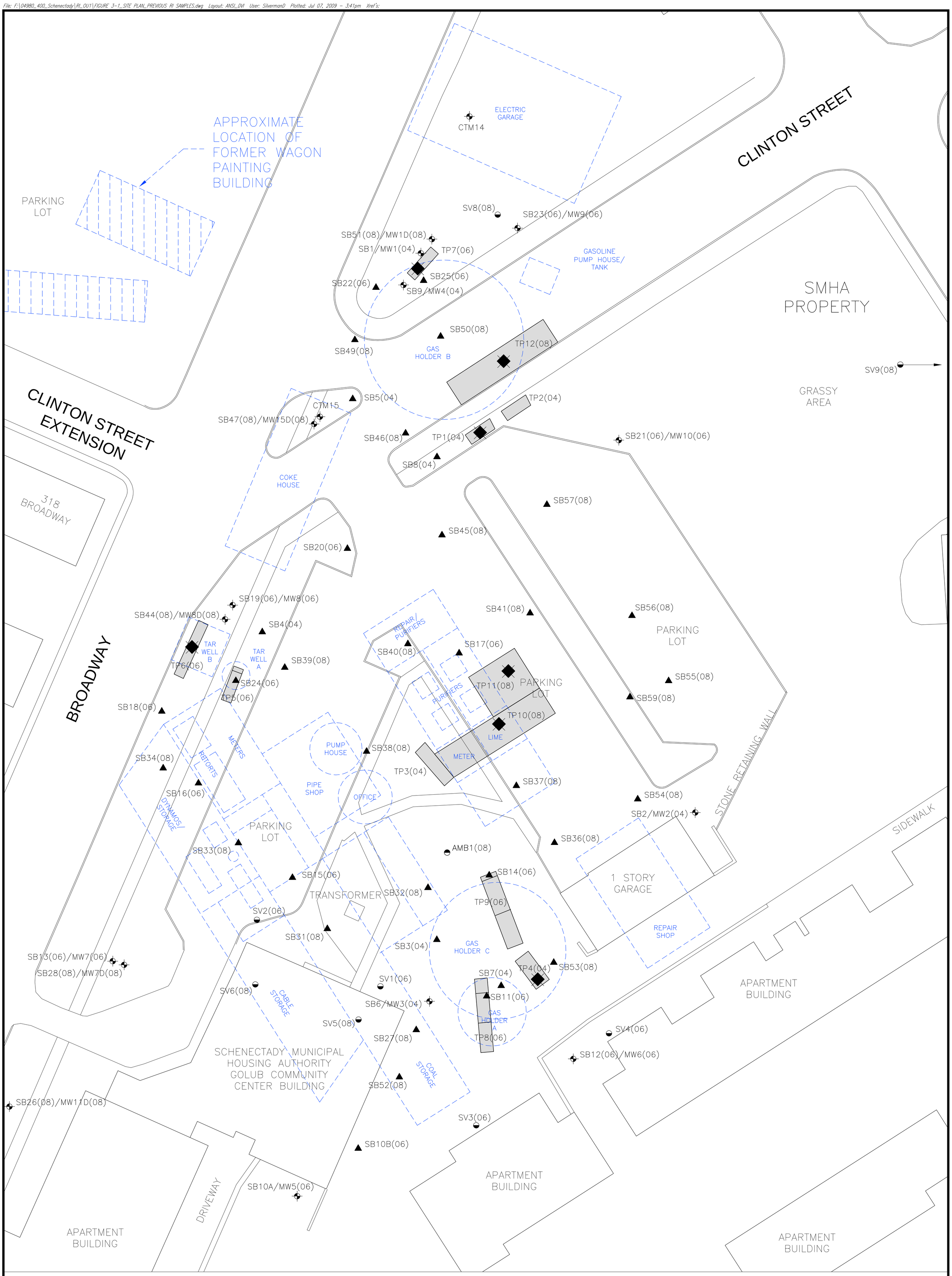
SCHENECTADY CLINTON STREET MGP SITE
REMEDIAL INVESTIGATION REPORT - OU1
04980-400-100

DATE: 06/30/09 | DRWN: DLS/PGH

SUBSURFACE UTILITIES AND CURRENT AND HISTORIC FEATURES

FIGURE 2-3

File: F:\04980_400_Schenectady\RI_OU1\FIGURE 3-1_SITE PLAN_PREVIOUS RI SAMPLES.dwg Layout: ANSI_D(1) User: SilvermanD Plotted: Jul 07, 2009 - 3:41pm Xref's:



LEGEND

- CURRENT FEATURES
- SOIL BORING
- MONITORING WELL
- TEST PIT
- TEST PIT SOIL SAMPLE
- AMBIENT AIR SAMPLE
- SOIL VAPOR SAMPLE
- HISTORIC FEATURES

N

10 0 20

1"=20'

AECOM

SCHENECTADY CLINTON STREET MGP SITE
REMEDIAL INVESTIGATION REPORT - OU1

04980-400-100

DATE: 07/07/09 | DRWN: DLS/PGH

SITE PLAN AND RI SAMPLE LOCATIONS

FIGURE 3-1

File: F:\04980_400_Schenectady\RI_OU1\FIGURE 4-1_GROUND SURFACE CONTOURS.dwg Layout: ANSI_DVI User: SilvermanD Plotted: Jul 02, 2009 - 1:00pm Xref's:

CITY OF SCHENECTADY
312 BROADWAY
LOWER BROADWAY
PARKING LOT
ERP SITE #E-447035

CLINTON STREET

CLINTON STREET EXTENSION

BROADWAY

ELECTRIC GARAGE

GASOLINE PUMP HOUSE/ TANK

GAS HOLDER B

COKE HOUSE

TAR WELL B

TAR WELL A

REPAIR/ PURIFIERS

PUMP HOUSE

METERS

RETORTS

PIPE SHOP

OFFICE

DYNAMOS/ STORAGE

METER

LIME

PURIFIERS

STONE RETAINING WALL

GRASSY AREA

PARKING LOT

TRANSFORMER

1 STORY GARAGE

REPAIR SHOP

GAS HOLDER C

GAS HOLDER A

CABLE STORAGE

COAL STORAGE

SMHA PROPERTY

318 BROADWAY

330 BROADWAY

SCHENECTADY MUNICIPAL HOUSING AUTHORITY GOLUB COMMUNITY CENTER BUILDING

APARTMENT BUILDING

APARTMENT BUILDING

APARTMENT BUILDING

APARTMENT BUILDING

DRIVEWAY

226 228 230 232 234 236 238 240 242 244 246 248 250

N

10 0 20
1"=20'

LEGEND

- HISTORIC FEATURES
- PROPERTY LINE
- 240 MAJOR CONTOUR (FT NAVD 88)
- 238 MINOR CONTOUR (FT NAVD 88)

AECOM

SCHENECTADY CLINTON STREET MGP SITE
REMEDIAL INVESTIGATION REPORT - OU1
04980-400-100

SURFACE ELEVATION CONTOUR MAP

DATE: 07/01/09 | DRWN: DLS/PGH | **FIGURE 4-1**

CITY OF SCHENECTADY
312 BROADWAY
LOWER BROADWAY
PARKING LOT
ERP SITE #E-447035

MARKET
SCALE HOUSE

PARKING LOT

CLINTON STREET EXTENSION

VAN GUYSLING AVENUE

461 CLINTON

318 BROADWAY

330 BROADWAY

336 BROADWAY

340 BROADWAY

VACANT LOT

BROADWAY

CLINTON STREET

HAMILTON STREET

SMHA PROPERTY

GRASSY AREA

SV9(08) PAVILION

PARKING LOT

SIDEWALK

STONE RETAINING WALL

APARTMENT BUILDING

APARTMENT BUILDING

APARTMENT BUILDING

APARTMENT BUILDING

DRIVEWAY

SCHENECTADY MUNICIPAL HOUSING AUTHORITY GOLUB COMMUNITY CENTER BUILDING

1 STORY GARAGE

REPAIR SHOP

ELECTRIC GARAGE

GASOLINE PUMP HOUSE/ TANK

GAS HOLDER B

GAS HOLDER C

GAS HOLDER A

COAL STORAGE

CABLE STORAGE

PUMP HOUSE

PIPE SHOP (OFFICE)

TRANSFORMER

METERS

TAR WELL

A'

B'

C'

D'

A

B

C

D

CTM14

SV8(08)

SB23(06)/MW9(06)

SB51(08)/MW1D(08)

SB1/MW1(04)

TP7(06)

SB25(04)

SB22(06)

SB9/MW4(04)

SB49(08)

SB50(08)

TP12(08)

SB5(04)

SB47(08)/MW15D(08)

CTM15

SB46(08)

TP2(04)

TP1(04)

SB21(06)/MW10(06)

SB8(04)

SB57(08)

SB45(08)

SB20(06)

SB19(06)/MW8(06)

SB44(08)/MW8D(08)

SB4(04)

TP6(06)

SB41(08)

SB56(08)

SB40(08)

SB17(06)

SB39(08)

TP11(08)

SB55(08)

SB24(06)

TP5(06)

SB59(08)

SB18(06)

TP10(08)

SB38(08)

TP3(04)

SB37(08)

SB54(08)

SB16(06)

SB2/MW2(04)

SB34(08)

SB36(08)

AMB1(08)

SB14(06)

SB33(08)

SB15(06)

SB32(08)

SV2(06)

TP9(06)

SB31(08)

SB3(04)

TP4(04)

SB53(08)

SB13(06)/MW7(06)

SB28(08)/MW7D(08)

SV1(06)

SB7(04)

SV6(08)

SB6/MW3(04)

SB11(06)

SV5(08)

SV4(06)

SB27(08)

TP8(06)

SB12(06)/MW6(06)

SB26(08)/MW11D(08)

SB52(08)

SV3(06)

SB10B(06)

SB10A/MW5(06)

LEGEND

- SOIL BORING
- MONITORING WELL
- TEST PIT
- TEST PIT SOIL SAMPLE
- AMBIENT AIR SAMPLE
- SOIL VAPOR SAMPLE
- CURRENT FEATURES
- HISTORIC FEATURES
- NO VISIBLE HYDROCARBON IMPACTS OBSERVED
- HEAVY COAL TAR STAIN, SHEEN OR NAPL BLEBS
- COAL TAR OR COAL TAR/ NAPL
- A — CROSS SECTION LOCATION
- AREAL EXTENT OF OBSERVED HYDROCARBON IMPACTS (DASHED WHERE INFERRED)

N

15 0 30
1"=30'

SOURCE: CT MALE PLS, 2006 AND 2008

AECOM

SCHENECTADY CLINTON STREET MGP SITE
REMEDIAL INVESTIGATION REPORT - OU1
04980-400-100

DATE: 07/02/09 | DRWN: DLS/PGH

CROSS SECTION LOCATION MAP AND AREAL EXTENT OF OBSERVED HYDROCARBON IMPACTS

FIGURE 4-2

File: P:\04980_400_Schenectady\RI_OU1\FIGURE 4-2_CROSS SECTION LOCATION MAP.mxd Layout: ANSI_B-L (2) User: Stormo0 Plotted: Jul 02, 2009 - 1:06pm kvk's

SOUTH

A

NORTH

A'

CLINTON STREET

PARKING LOT | FORMER MGP BUILDING | FORMER TAR WELL B | FORMER COKE HOUSE | FORMER GAS HOLDER B | FORMER ELECTRIC GARAGE

SB26(08)/MW11D(08) | SB28(08)/MW7D(08) | SB13(06)/MW7(06) | SB34(08) | SB18(06) | SB44(08)/MW8D(08) | SB19(06)/MW8(06) | SB47(08)/MW15D(08) | CTM15 | SB5(04) | SB49 | SB9/MW4(04) | TP10(08) | SB1/MW1(04) | SB51(08)/MW10D(08) | CTM14

FILL
SILTY SAND
PEAT
SILT
SM
SILTY SAND
PEAT
SILTY SAND
FILL
SILTY SAND
SILT
SILTY SAND
FILL
SILTY SAND
SILT
SILTY SAND
SILT
TILL
SILT
TILL

230 225 220 215 210 205 200 195 190 185 180 175 170 165 160 155 150 145 140 135

0 20 40 60 80 100 120 140 160 180 200 220 240 260 280 300 320 340 360 380 400 420 440 460 480 500

OBSERVED HYDROCARBON IMPACTS

- NO VISIBLE HYDROCARBON IMPACTS OBSERVED
- HEAVY COAL TAR STAIN, SHEEN OR NAPL BLEBS
- COAL TAR OR COAL TAR/ NAPL

LEGEND

- FILL
- SILTY SAND
- SILT
- SANDY SILT
- PEAT
- BRICK
- TILL
- MONITORING WELL SCREEN
- BORING
- SOIL SAMPLE INTERVAL
- SUMP
- DIRECT CONTACT
- INFERRED CONTACT
- WATER LEVEL

10 0 20
1"=20'

VERTICAL EXAGGERATION = 2X

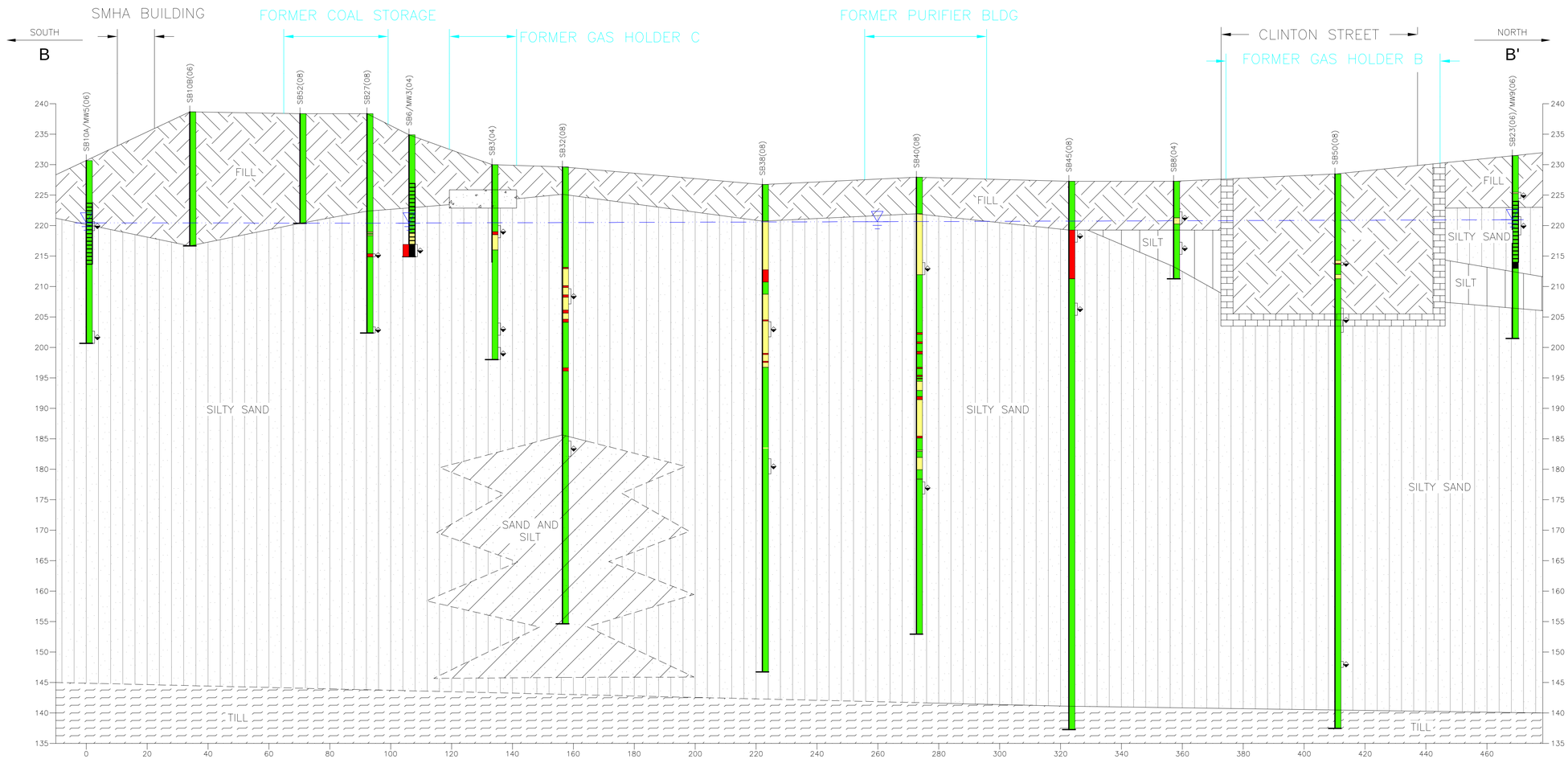
AECOM

SCHENECTADY CLINTON STREET MGP SITE
REMEDIAL INVESTIGATION REPORT - OU1
04980-400-100

CROSS SECTION A-A'

DATE: 06/03/09 | DRWN: DLS/PGH | **FIGURE 4-3**

File: P:\04980_400_Schenectady\RI_OU1\FIGURE 4-3_CROSS SECTION A-A.dwg Layout: ANSI_B-LI (2) User: Shemmati Plotted: Jul 02, 2009 - 1:08pm WolfS



LEGEND

OBSERVED HYDROCARBON IMPACTS

- NO VISIBLE HYDROCARBON IMPACTS OBSERVED
- HEAVY COAL TAR STAIN, SHEEN OR NAPL BLEBS
- COAL TAR OR COAL TAR/ NAPL

- FILL
- SILTY SAND
- SILT
- SAND AND SILT
- BRICK
- TILL
- CONCRETE

- MONITORING WELL SCREEN
- BORING
- SOIL SAMPLE INTERVAL
- SUMP
- DIRECT CONTACT
- INFERRED CONTACT
- WATER LEVEL DECEMBER 8, 2008

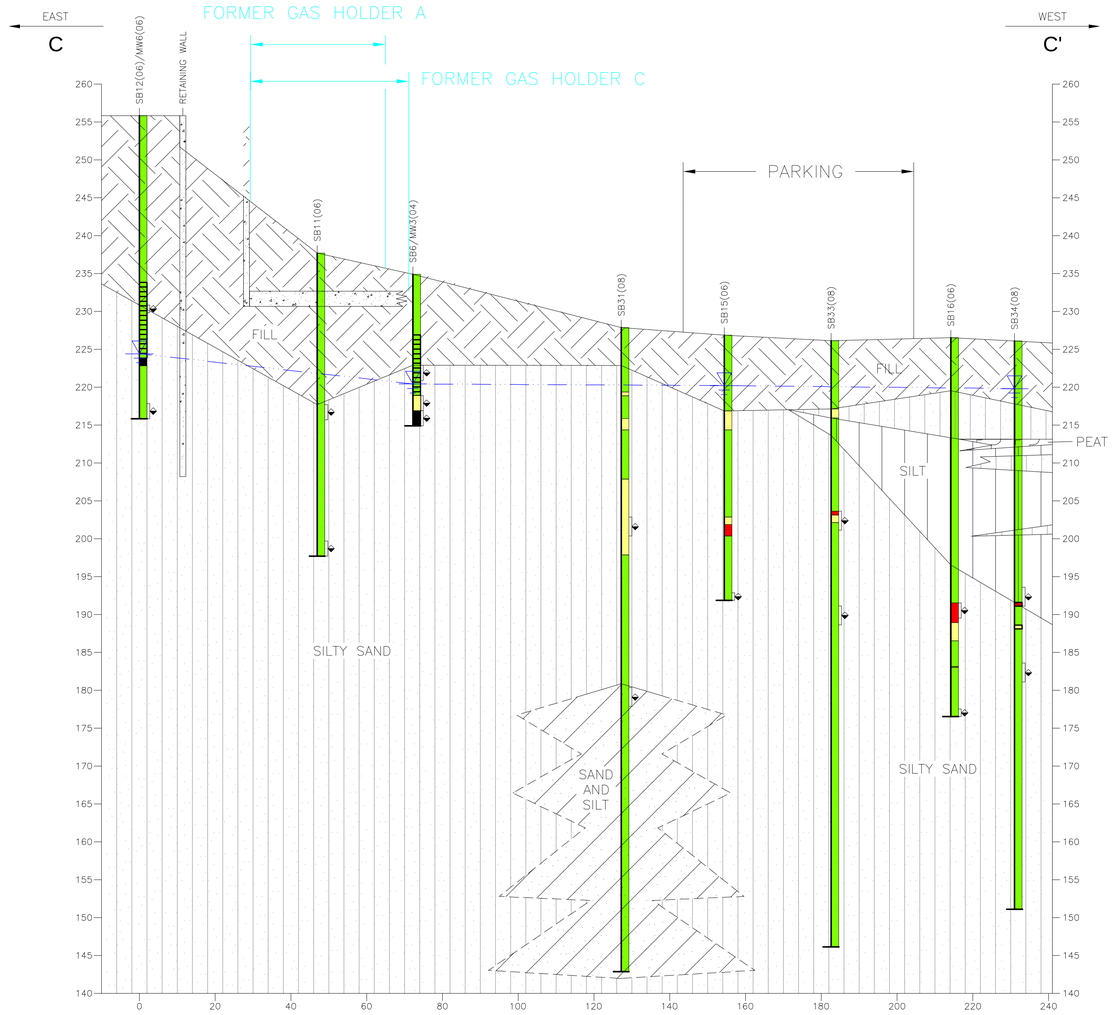
10 0 20
1"=20'

VERTICAL EXAGGERATION = 2X

AECOM

SCHENECTADY CLINTON STREET MGP SITE REMEDIAL INVESTIGATION REPORT - OU1 04980-400-100			**CROSS SECTION B-B'**
DATE: 07/07/09	DRWN: DLS/PGH		**FIGURE 4-4**

File: P:\04980_400_Schenectady\Mxd\OU1\FIGURE 4-4_CROSS SECTION B-B.dwg Layout: 400_B-B' (2) User: Schermerhj Plotted: Jul 07, 2009 - 4:48pm Xref's:



OBSERVED HYDROCARBON IMPACTS

- NO VISIBLE HYDROCARBON IMPACTS OBSERVED
- HEAVY COAL TAR STAIN, SHEEN OR NAPL BLEBS
- COAL TAR OR COAL TAR/ NAPL

LEGEND

- FILL
- SILTY SAND
- SILT
- CONCRETE
- SAND AND SILT
- BRICK
- TILL
- PEAT
- MONITORING WELL SCREEN
- BORING
- SOIL SAMPLE INTERVAL
- SUMP
- DIRECT CONTACT
- INFERRED CONTACT
- WATER LEVEL DECEMBER 8, 2008

10 0 20
1"=20'

VERTICAL EXAGGERATION = 2X

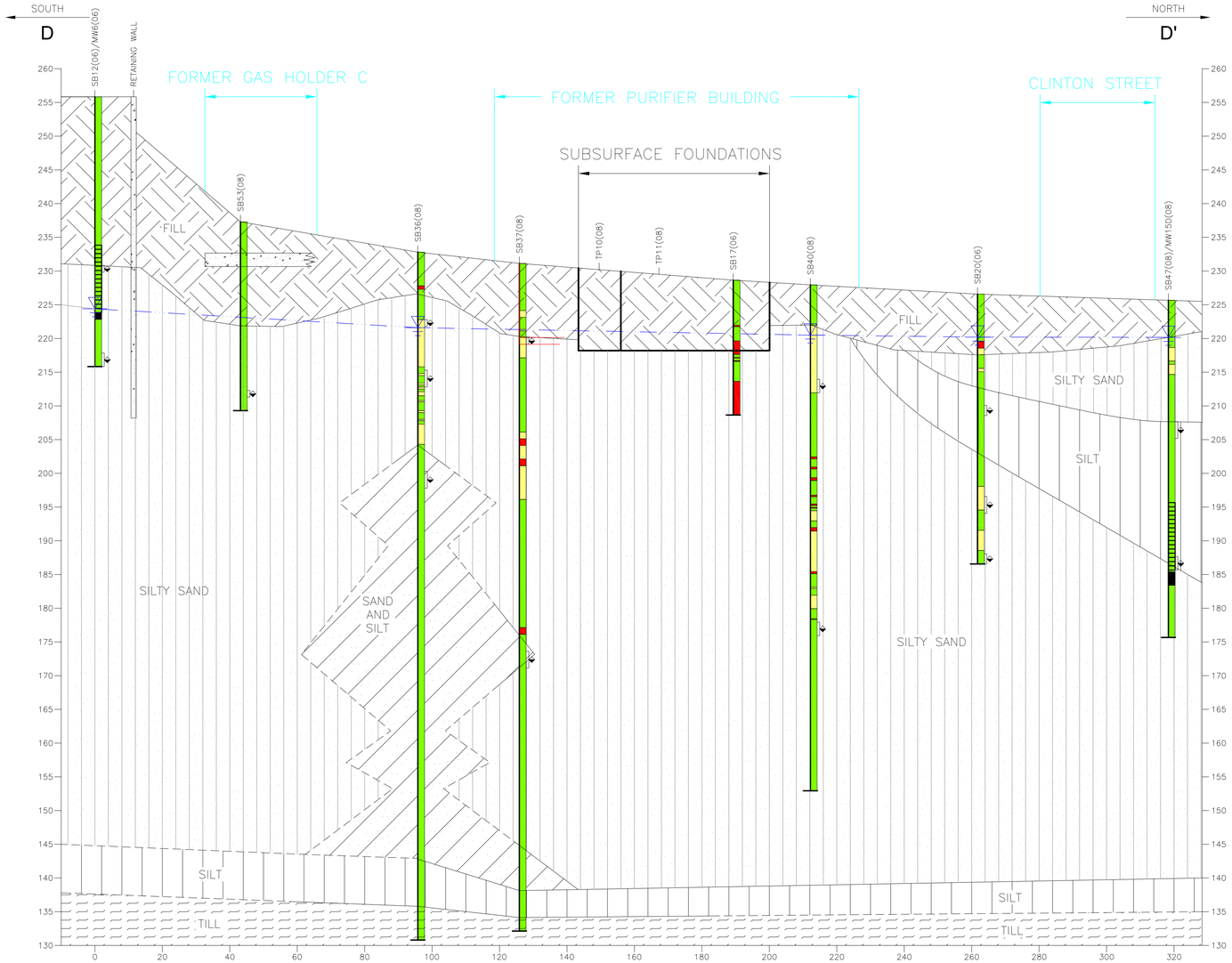
AECOM

SCHENECTADY CLINTON STREET MGP SITE
REMEDIAL INVESTIGATION REPORT - OU1
04980-400-100

CROSS SECTION C-C'

DATE: 07/07/09 | DRWN: DLS/PGH | **FIGURE 4-5**

File: R:\04980_400_Schenectady\IR_OU1\FIGURE 4-5_CROSS SECTION C-C.dwg Layout: 40SC (F-L) (2) User: Stevensd3 Plotted: Jul 07, 2009 - 4:09pm XrefS:



OBSERVED HYDROCARBON IMPACTS

- NO VISIBLE HYDROCARBON IMPACTS OBSERVED
- HEAVY COAL TAR STAIN, SHEEN OR NAPL BLEBS
- COAL TAR OR COAL TAR/ NAPL

LEGEND

- FILL
- SILTY SAND
- SILT
- SAND AND SILT
- BRICK
- TILL
- CONCRETE
- MONITORING WELL SCREEN
- BORING
- SOIL SAMPLE INTERVAL
- SUMP
- DIRECT CONTACT
- INFERRED CONTACT
- WATER LEVEL DECEMBER 8, 2008

10 0 20
1"=20'

VERTICAL EXAGGERATION = 2X

AECOM

SCHENECTADY CLINTON STREET MGP SITE
REMEDIAL INVESTIGATION REPORT - OU1
04980-400-100

CROSS SECTION D-D'

DATE: 07/07/09 | DRWN: DLS/PGH | **FIGURE 4-6**

File: P:\04980_400_Schenectady\RI_OU1\FIGURE 4-6_CROSS SECTION D-D.dwg Layout: ANSI_B+ (2) User: Stevenson Plotted: Jul 07, 2009 - 4:15pm



AECOM

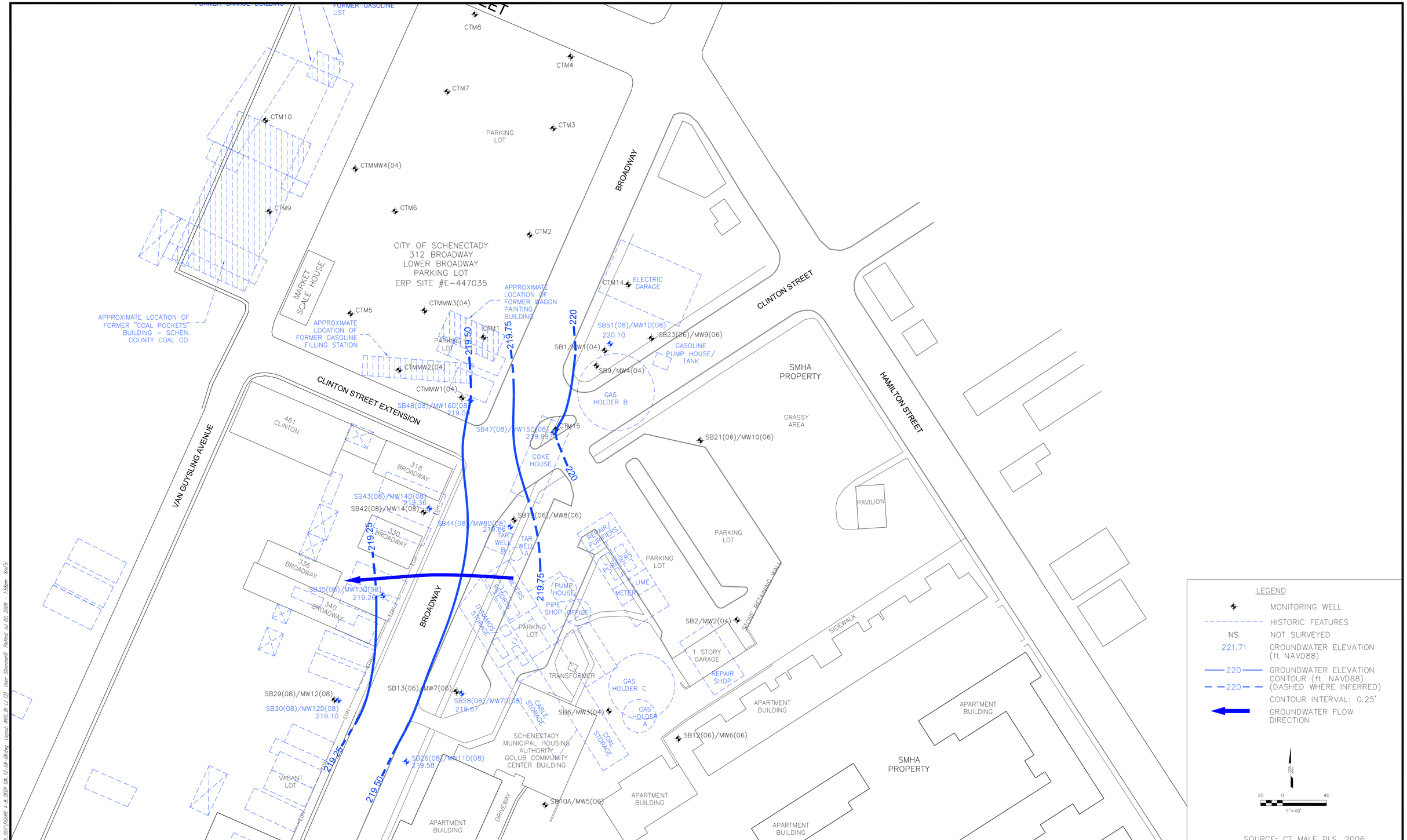
SCHENECTADY CLINTON STREET MGP SITE
REMEDIAL INVESTIGATION REPORT - OU1
04980-011-100

DATE: 07/02/09 | DRWN: DLS/PGH

SHALLOW GROUNDWATER FLOW DIRECTION MAP
DECEMBER 8, 2008

FIGURE 4-7

File: F:\04980_000_Schenectady\RI_OU1\FIGURE 4-7_SHALLOW GW_12-08-08.dwg Layout: ANSI_B+L (2) User: Shammell Plotted: Jul 02, 2009 - 1:54pm Xref's:



AECOM

SCHENECTADY CLINTON STREET MGP SITE
REMEDIAL INVESTIGATION REPORT - OU1
04980-011-100

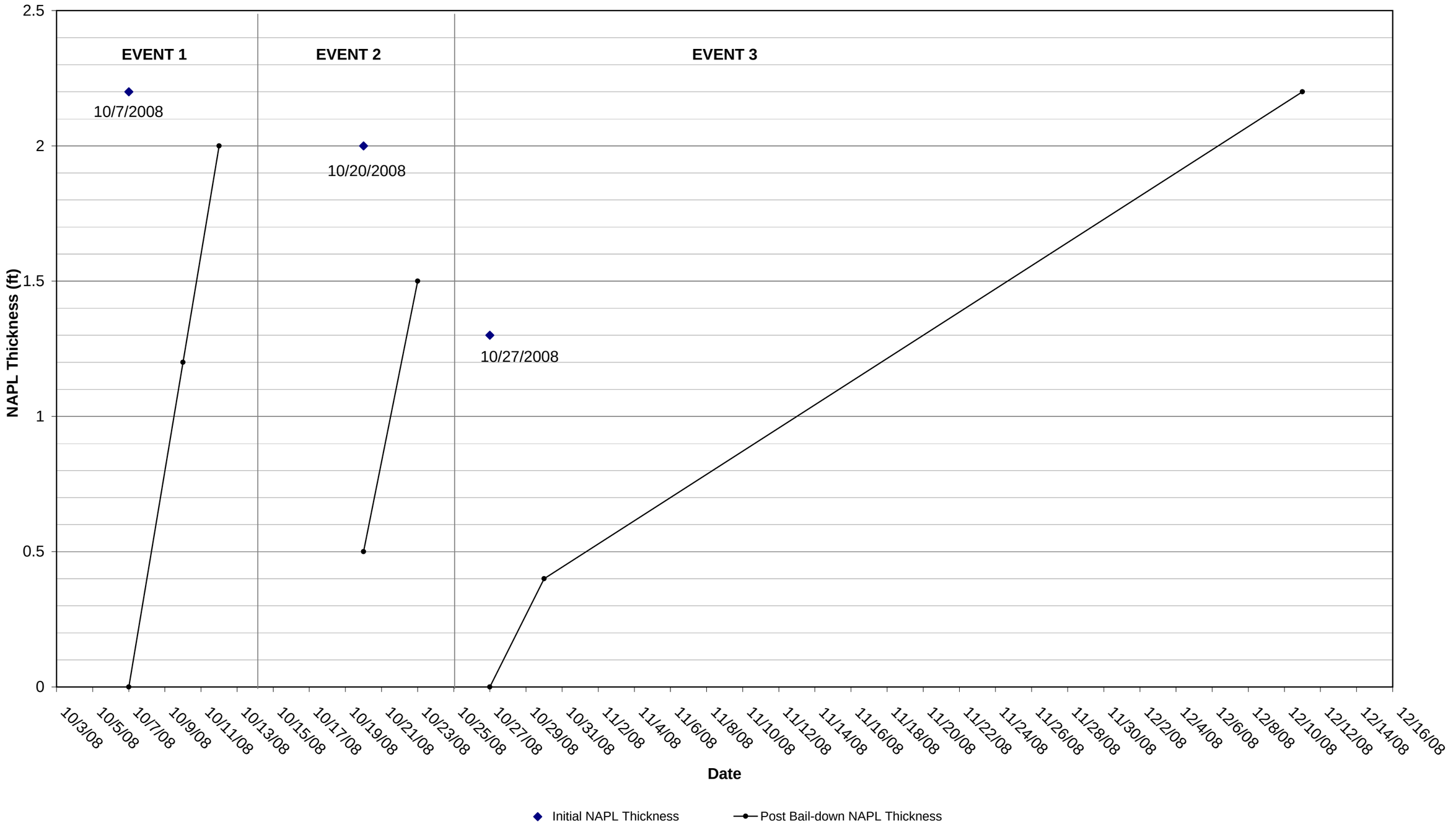
DATE: 07/02/09 | DRWN: DLS/PGH

DEEP OVERBURDEN GROUNDWATER FLOW DIRECTION MAP DECEMBER 8, 2008

FIGURE 4-8

File: F:\04980_4RD_Schenectady\Rl_OU1\DGW\E_4_8_DEEP_GW_12-08-08.dwg Layout: ANSI_B+_U (2) User: Stommaso Plotted: Jul 02, 2009 - 1:59pm

Figure 4-9
Schenectady Clinton St. MGP Site
NAPL Bail-down Summary
MW-8



SB22(18-20)	
BTEX	0.4703
TPAH	66.855
SB220(18-20)	
BTEX	0.5473
TPAH	28.19

SB1(5-7)	
BTEX	ND
TPAH	5.6

CTM14(4-8)	
BTEX	ND
TPAH	243

SB51(23.5-25.5)	
BTEX	3.4
TPAH	ND

TP7S(7.5)(HORZ 0-10)	
BTEX	ND
TPAH	366.03

SB5(10-12)	
BTEX	0.8
TPAH	41
SB5(16-18)	
BTEX	1.6
TPAH	11
SB5(22-24)	
BTEX	17
TPAH	1.7

SB23(6-7)	
BTEX	ND
TPAH	156.71
SB23(10-13)	
BTEX	ND
TPAH	18.94

CTM15(8-12)	
BTEX	11.6
TPAH	67

SB25(18-19.5)	
BTEX	0.0023
TPAH	86.17

SB47(18-20.5)	
BTEX	1.13
TPAH	4.736
SB47(38-40)	
BTEX	0.9
TPAH	0.653

SB20(16.5-18)	
BTEX	0.1555
TPAH	0.47
SB20(30-32.5)	
BTEX	12.94
TPAH	206.87
SB20(38.5-40)	
BTEX	0.0009
TPAH	0.048

SB49(8-10)	
BTEX	ND
TPAH	42.227
SB49(22-24)	
BTEX	10.95
TPAH	0.448
SB49(28-30)	
BTEX	13
TPAH	ND
SB49(72-74)	
BTEX	ND
TPAH	ND

SB50(14.5-15)	
BTEX	0.0492
TPAH	172.74
SB50(22-24)	
BTEX	0.4478
TPAH	5.35
SB50(24-26)	
BTEX	ND
TPAH	0.631
SB50(80-81)	
BTEX	ND
TPAH	ND

SB-19(23-24.5)	
BTEX	ND
TPAH	0.226

TP12(5)(8-8.5)	
BTEX	0.0027
TPAH	334.17
TP12(17)W(10.5-11)	
BTEX	ND
TPAH	3.152

SB44(38-40)	
BTEX	759.7
TPAH	5430.2
SB44(52.5-55)	
BTEX	ND
TPAH	0.053

SB-21(9-10)	
BTEX	ND
TPAH	ND

TP1(8-10)	
BTEX	ND
TPAH	55.6

TP6(7)(HORZ 15)	
BTEX	0.0161
TPAH	411.92

SB8(0-2)	
BTEX	ND
TPAH	56
SB8(5-7)	
BTEX	43
TPAH	216
SB8(10-12)	
BTEX	0.2
TPAH	0.1

SB46(8-10)	
BTEX	4.2
TPAH	244.39
SB46(74-76)	
BTEX	ND
TPAH	ND

SB4(8-10)	
BTEX	100
TPAH	37
SB4(12-14)	
BTEX	0.068
TPAH	93

SB57(11-12)	
BTEX	ND
TPAH	ND

SB-24(13.5-14.5)	
BTEX	0.0152
TPAH	2.189
SB-24(20-21)	
BTEX	ND
TPAH	2.67

SB56(11-12)	
BTEX	ND
TPAH	ND

SB-18(10-11)	
BTEX	0.0056
TPAH	1.983
SB-18(18.5-20)	
BTEX	ND
TPAH	0.015

SB45(8-10)	
BTEX	176.5
TPAH	62115
SB45(20-22)	
BTEX	0.0028
TPAH	1.39

SB41(15-17)	
BTEX	0.0217
TPAH	347.3
SB41(20-22)	
BTEX	ND
TPAH	0.151

SB39(32.5-35)	
BTEX	3.813
TPAH	159.76
SB39(47.5-50)	
BTEX	ND
TPAH	0.18

SB54(11-12)	
BTEX	0.0048
TPAH	0.01

TP11(50)(8-8.5)	
BTEX	ND
TPAH	20.9

SB59(15-16)	
BTEX	ND
TPAH	2
SB59(23-24)	
BTEX	0.0014
TPAH	ND

SB34(32.5-35)	
BTEX	11
TPAH	186.8
SB34(42.5-45)	
BTEX	ND
TPAH	0.571

TP10(29)(8-8.5)	
BTEX	ND
TPAH	25.541
TP10(31)(8-8.5)	
BTEX	ND
TPAH	18.246

SB40(14-16)	
BTEX	0.006
TPAH	13.344
SB40(50-52)	
BTEX	ND
TPAH	0.061

SB16(35-37)	
BTEX	24.18
TPAH	3182.8
SB16(49-50)	
BTEX	ND
TPAH	0.333

SB7(14-16)	
BTEX	ND
TPAH	3

SB37(11-12)	
BTEX	3.137
TPAH	1091.3
SB37(57.6-60)	
BTEX	ND
TPAH	0.085

SB36(10-12)	
BTEX	3.9
TPAH	551.7
SB36(17.5-20)	
BTEX	1
TPAH	137.94
SB36(32.5-35)	
BTEX	ND
TPAH	ND

SB-13(10-11)	
BTEX	ND
TPAH	ND
SB13(37-39)	
BTEX	0.0563
TPAH	0.784

SB11(20-22)	
BTEX	ND
TPAH	ND
SB11(38-40)	
BTEX	ND
TPAH	1.7498

SB53(25-26)	
BTEX	ND
TPAH	0.06

SB14(15-17.5)	
BTEX	202.4
TPAH	3192.1
SB14(38-40)	
BTEX	0.0501
TPAH	2.815

SB28(33.5-35)	
BTEX	ND
TPAH	0.343
SB28(47.5-50)	
BTEX	ND
TPAH	0.148

SB31(25-27.5)	
BTEX	51.4
TPAH	25.07
SB31(47.5-50)	
BTEX	ND
TPAH	ND

SB10(10.5-11.5)	
BTEX	ND
TPAH	0.626
SB10(28-30)	
BTEX	ND
TPAH	ND

SB6(12-14)	
BTEX	ND
TPAH	NA
SB6(16-18)	
BTEX	ND
TPAH	143

SB3(10-12)	
BTEX	100
TPAH	866
SB3(26-28)	
BTEX	0.03
TPAH	0.034
SB3(30-32)	
BTEX	ND
TPAH	0.55

SB12(25-26)	
BTEX	ND
TPAH	ND
SB12(38-40)	
BTEX	ND
TPAH	ND

SB32(20-22.5)	
BTEX	0.41
TPAH	5500
SB32(42-47.5)	
BTEX	ND
TPAH	0.048

TP4(8-10)	
BTEX	0.002
TPAH	36

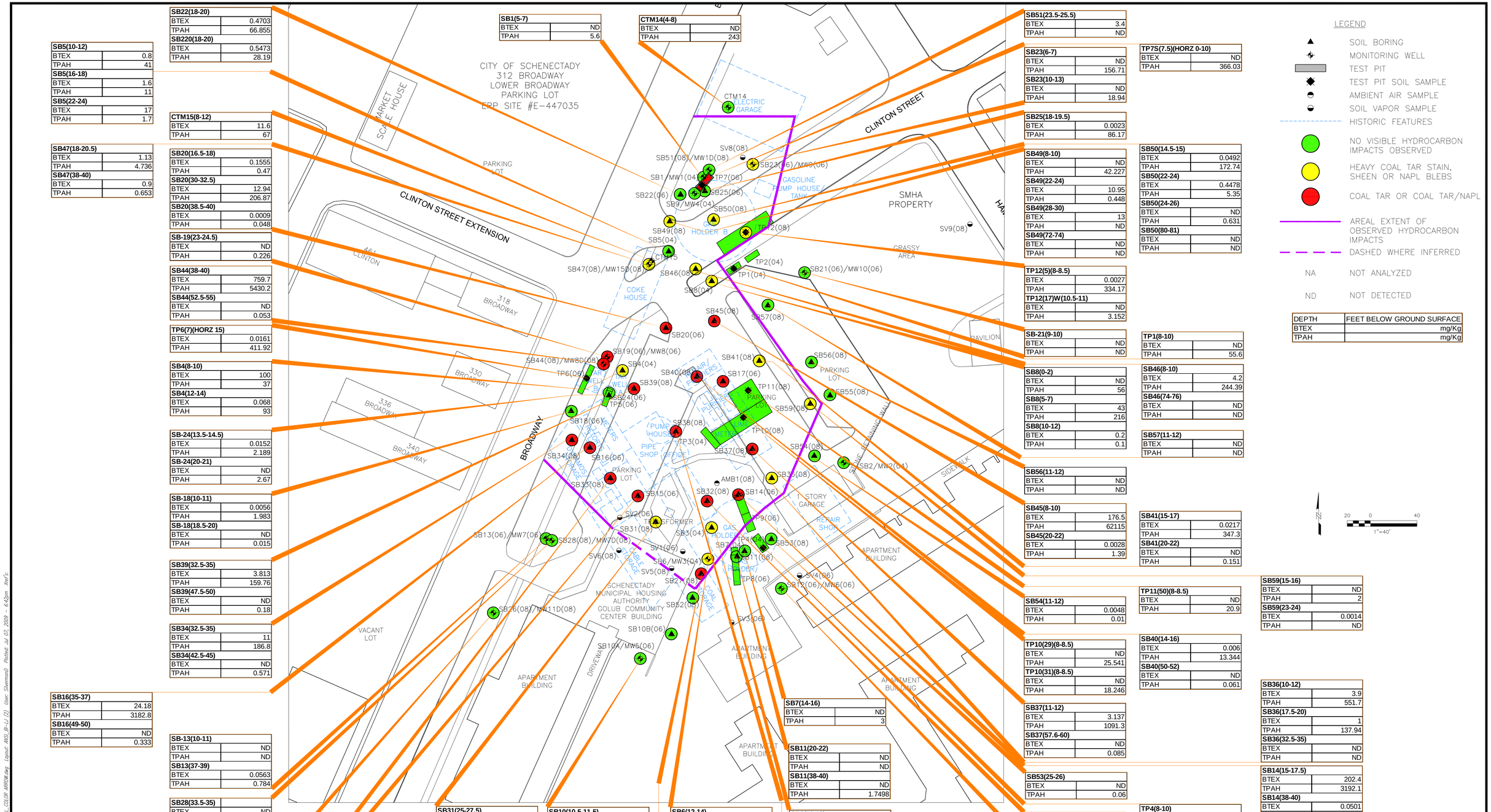
SB26(35-37.5)	
BTEX	ND
TPAH	0.172

SB33(22.5-25)	
BTEX	6
TPAH	131.61
SB33(35-37.5)	
BTEX	ND
TPAH	0.661

SB15(34-35)	
BTEX	ND
TPAH	0.9073

SB27(23-23.5)	
BTEX	ND
TPAH	1725.7
SB27(35-36)	
BTEX	ND
TPAH	0.054

SB38(22.5-25)	
BTEX	3.7
TPAH	101.15
SB38(45-47.5)	
BTEX	ND
TPAH	0.064



LEGEND

- SOIL BORING
- MONITORING WELL
- TEST PIT
- TEST PIT SOIL SAMPLE
- AMBIENT AIR SAMPLE
- SOIL VAPOR SAMPLE
- HISTORIC FEATURES
- NO VISIBLE HYDROCARBON IMPACTS OBSERVED
- HEAVY COAL TAR STAIN, SHEEN OR NAPL BLEBS
- COAL TAR OR COAL TAR/NAPL
- AREAL EXTENT OF OBSERVED HYDROCARBON IMPACTS
- DASHED WHERE INFERRED
- NA NOT ANALYZED
- ND NOT DETECTED

DEPTH	FEET BELOW GROUND SURFACE
BTEX	mg/Kg
TPAH	mg/Kg

SOURCE: CT MALE PLS, 2006 AND 2008

AECOM

SCHENECTADY CLINTON STREET MGP SITE
REMEDIAL INVESTIGATION REPORT - OU1
04980-400-100

DATE: 07/07/09 | DRWN: DLS/PGH

SUBSURFACE SOIL SAMPLE RESULTS AND AREAL EXTENT OF OBSERVED HYDROCARBON IMPACTS

FIGURE 5-1

File: P:\04980_400_Schenectady\RI_OU1\FIGURE 5-1_SOIL ANALYTICAL_COLOR_ARROW.dwg Layout: ARCC (8.5 x 11) User: Silvermail Plotted: Jul 07, 2009 - 6:42pm

CTM15	2004	12/11/2008
BTEX	203	124
TPAH	266	129.44

MW15D	12/11/2008
BTEX	5.67
TPAH	3.83

MW8	11/29/2006	12/11/2008
BTEX	40,700	51,820
TPAH	7,900	8,008

MW8D	12/11/2008
BTEX	4,406
TPAH	10,755

MW7	11/28/2006	12/10/2008
BTEX	ND	ND
TPAH	ND	1.3

MW7D	12/10/2008
BTEX	7,500
TPAH	2,878

MW11D	12/9/2008
BTEX	708.5
TPAH	125

MW5	11/28/2006	12/9/2008
BTEX	ND	ND
TPAH	ND	ND

MW3	11/23/2004	11/28/2006	12/9/2008
BTEX	ND	ND	ND
TPAH	NA	2.7	4.9

MW6	11/28/2006	12/9/2008
BTEX	ND	ND
TPAH	ND	ND

MW2	11/23/2004	11/28/2006	12/9/2008
BTEX	ND	ND	ND
TPAH	NA	ND	ND

MW10	11/28/2006	12/9/2008
BTEX	ND	ND
TPAH	ND	ND

MW4	11/23/2004	12/9/2008
BTEX	4.7	1.6
TPAH	NA	1.2

MW1	11/29/2006	12/9/2008
BTEX	3.72	2.5
TPAH	7.3	3.8

MW9	11/29/2006	12/10/2008
BTEX	ND	ND
TPAH	ND	1.8

MW1D	12/9/2008
BTEX	11000
TPAH	18.75

CTM14	2004	12/10/2008
BTEX	ND	ND
TPAH	14	25.36

LEGEND

- SOIL BORING
- MONITORING WELL
- TEST PIT
- TEST PIT SOIL SAMPLE
- AMBIENT AIR SAMPLE
- SOIL VAPOR SAMPLE
- HISTORIC FEATURES
- NO VISIBLE HYDROCARBON IMPACTS OBSERVED
- HEAVY COAL TAR STAIN, SHEEN OR NAPL BLEBS
- COAL TAR OR COAL TAR/NAPL
- ND NOT DETECTED
- APPROXIMATE LIMIT OF GROUNDWATER WITH TOTAL PAH COMPOUNDS IN CONCENTRATIONS GREATER THAN THE METHOD REPORTING LIMITS
- APPROXIMATE LIMIT OF GROUNDWATER WITH TOTAL BTEX COMPOUNDS IN CONCENTRATIONS GREATER THAN THE METHOD REPORTING LIMITS

ID	DATE
BTEX	µg/L
TPAH	µg/L

20 0 40
1"=40'

SOURCE: CT MALE PLS, 2006 AND 2008

AECOM

SCHENECTADY CLINTON STREET MGP SITE
REMEDIAL INVESTIGATION REPORT - OU1
04980-400-100

GROUNDWATER SAMPLE RESULTS

DATE: 07/07/09 | DRWN: DLS/PGH | **FIGURE 5-2**

File: F:\04980_400_Schenectady\Rl_OU1\FIGURE 5-2_GW ANALYTICAL.dwg Layout: ARC-Bl-Ltr (2) User: Stevenson Plotted: Jul 07, 2009 - 6:27pm

Appendix A

Borelogs

Lightship Engineering Borelogs - 2004

LIGHTSHIP ENGINEERING
ENVIRONMENTAL & LAND-USE CONSULTANTS

Boring ID: SB1 | Page 1 of 1
Monitoring Well ID: | Project #: 518.4.1
Start Date: November 2, 2004 | End Date: November 2, 2004

Client Name: Niagara Mohawk - National Gird USA
Project Name: Non-Owned Former Manufactured Gas Plant
Site Address: Intersection of Clinton Street and Broadway
City: Schenectady | State: New York

Drilling Co.: Aquifer Drilling
Drilling Method: Hollow-Stem Auger
Driller: Richard
Lightship Rep.: Todd Nickerson

Casing		Sampler		Groundwater		Core		Survey	
Type:	N/A	Type:	Split-Spoon	Date:	11/2/2004	Type:	N/A	Lat.	N/A
Size:	N/A	Size:	2 ft, 1.75 OD	WL (ref.):	N/A	Size:	N/A	Long.	N/A
Hammer:	N/A	Hammer:	140 pounds	WL (bgs):	~6	Length:	N/A	Elev.	N/A
Fall:	N/A	Fall:	30-inch	GW Elev.:	N/A				

Start Depth	Finish Depth	Sample ID	Blow Count				Recovery (inches)	TOVs (ppmv)	Lithology (USCS)	Description	Well Const.
0	2	SB1-0/2	0	2	9	11	14	0.0	Fill	Brown, Organic Loam over Gray angular Gravel with fine to medium sand and silt. Trace coal and ash. No odor or stain.	
5	7	SB1-5/7*	3	2	1	2	12	0.0	Fill	Brown, fine to medium SAND and silt with trace ash. No odor or stain. Wet at 6 feet.	▽
10	12	SB1-10/12	3	1	2	2	0	--		No Recovery	
15	17	SB1-15/17	1	1	2	2	20	0.0	SW/OL	Gray, medium to coarse SAND, trace silt over silty clay with trace organics. Organic odor.	

End Soil Boring at 18 feet below grade

Notes: TOVs: total organic vapors as measured in jar headspace method with photo-ionization detector using 10.6 electron volt bulb.
*indicates soil samples submitted for laboratory analysis.

LIGHTSHIP ENGINEERING
ENVIRONMENTAL & LAND-USE CONSULTANTS

Boring ID: SB2 | Page 1 of 1
Monitoring Well ID: LE-MW2 | Project #: 518.4.1
Start Date: November 2, 2004 | End Date: November 2, 2004

Client Name: Niagara Mohawk - National Gird USA
Project Name: Non-Owned Former Manufactured Gas Plant
Site Address: Intersection of Clinton Street and Broadway
City: Schenectady | State: New York

Drilling Co.: Aquifer Drilling
Drilling Method: Hollow-Stem Auger
Driller: Richard
Lightship Rep.: Todd Nickerson

Casing		Sampler		Groundwater		Core		Survey	
Type:	N/A	Type:	Split-Spoon	Date:	11/5/2004	Type:	N/A	Lat.	N/A
Size:	N/A	Size:	2 ft, 1.75 OD	WL (ref.):	233.69	Size:	N/A	Long.	N/A
Hammer:	N/A	Hammer:	140 pounds	WL (bgs):	12.17	Length:	N/A	Elev.	N/A
Fall:	N/A	Fall:	30-inch	GW Elev.:	221.52				

Start Depth	Finish Depth	Sample ID	Blow Count				Recovery (inches)	TOVs (ppmv)	Lithology (USCS)	Description	Well Const.
0	2	SB2-0/2	0	2	3	2	10	0.0	Fill	0.5' Asphalt and sub-base over Brown, fine SAND and silt with gravel, ash and trace brick. No odor or stain.	0.5' - 4'
2	4	SB2-2/4	3	71	12	5	10	0.0	Fill	Black asphalt and sub-base over Tan GRAVEL with fine sand and silt. No odor or stain.	
4	6	SB2-4/6	2	2	2	1	6	0.0	SW	Brown, fine to medium SAND, trace silt. No odor or stain.	4' - 6'
6	8	SB2-6/8	2	2	2	2	11	0.0	SM	Brown, fine to medium SAND and silt. No odor or stain.	6' - 8'
8	10	SB2-8/10	1	1	2	3	18	0.0	SM	Lt. Brown, fine to medium SAND and silt with iron mottling. No odor or stain.	8' - 18'
10	12	SB2-10/12*	2	2	2	2	23	0.0	SM	Brown, fine SAND and silt with iron mottling. Wet at 11 feet. No odor or stain.	
12	14	SB2-12/14	2	1	1	1	24	0.0	SM	Brown, fine SAND and silt. No odor or stain.	
14	16	SB2-14/16	0	0	1	1	19	0.0	SM	Brown, fine SAND and silt. No odor or stain.	
16	18	SB2-16/18	2	2	2	3	24	0.0	SM	Brown, fine SAND and silt. No odor or stain.	

End Soil Boring at 18 feet below grade

Notes: TOVs: total organic vapors as measured in jar headspace method with photo-ionization detector using 10.6 electron volt bulb. *indicates soil samples submitted for laboratory analysis. Set two-inch diameter groundwater monitoring well at 18 feet below grade with 10 feet of Schedule 40 PVC screen (0.020-inch slotted) and 8 feet of Schedule 40 PVC riser. Filter sand pack from 18 feet below grade to 6 feet below grade. Hydrated bentonite seal from 6 feet below grade to 4 feet below grade. Filter sand pack from 4 feet below grade to 3 feet below grade. Grout from 3 feet below grade to 0.5 feet below grade. Concrete and a flush-mounted roadbox from 0.5 feet below grade to grade.

LIGHTSHIP ENGINEERING
ENVIRONMENTAL & LAND-USE CONSULTANTS

Boring ID: SB3 | Page 1 of 2
Monitoring Well ID: NA | Project #: 518.4.1
Start Date: November 3, 2004 | End Date: November 4, 2004

Client Name: Niagara Mohawk - National Gird USA
Project Name: Non-Owned Former Manufactured Gas Plant
Site Address: Intersection of Clinton Street and Broadway
City: Schenectady | State: New York

Drilling Co.: Aquifer Drilling
Drilling Method: Hollow-Stem Auger
Driller: Richard
Lightship Rep.: Todd Nickerson

Casing		Sampler		Groundwater		Core		Survey	
Type:	N/A	Type:	Split-Spoon	Date:	11/3/2004	Type:	N/A	Lat.	N/A
Size:	N/A	Size:	2 ft, 1.75 OD	WL (ref.):	N/A	Size:	N/A	Long.	N/A
Hammer:	N/A	Hammer:	140 pounds	WL (bgs):	11.5	Length:	N/A	Elev.	N/A
Fall:	N/A	Fall:	30-inch	GW Elev.:	N/A				

Start Depth	Finish Depth	Sample ID	Blow Count				Recovery (inches)	TOVs (ppmv)	Lithology (USCS)	Description	Well Const.
0	2	SB3-0/2	2	4	9	7	16	0.9	Fill	Brown, Organic Loam over brown, sand and silt with brick, coal, slag and ash. No odor or stain.	
2	4	SB3-2/4	7	9	48	17	16	0.0	Fill	Brown, SAND and silt with brick, coal, slag, ash and concrete. No odor or stain.	
4	6	SB3-4/6	3	1	1	1	14	0.0	Fill	Brown/white, SAND and silt with coal, slag and ash. No odor or stain.	
6	8	SB3-6/8	6	4	3	3	6	0.0	SM	Brown, fine to medium SAND and silt. No odor or stain.	
8	10	SB3-8/10	3	3	2	2	0	--		No Recovery	
10	12	SB3-10/12*	2	1	1	1	18	32.5		Brown, fine to medium SAND and silt with coal tar globules at 11 feet. Wet at 11.5 feet with sheen and tar odor.	▽
12	14	SB3-12/14	1	2	1	2	14	35.2		Same as above. Visible tar globules, sheen and odor.	
14	16	SB3-14/16	0	0	0	1	24	4.4		Brown, fine to coarse SAND and silt with tar sheen and odor.	

Continued on next page

LIGHTSHIP ENGINEERING
ENVIRONMENTAL & LAND-USE CONSULTANTS

Boring ID: SB3 | Page 2 of 2
Monitoring Well ID: NA | Project #: 518.4.1
Start Date: November 3, 2004 | End Date: November 4, 2004

Client Name: Niagara Mohawk - National Gird USA
Project Name: Non-Owned Former Manufactured Gas Plant
Site Address: Intersection of Clinton Street and Broadway
City: Schenectady | State: New York

Drilling Co.: Aquifer Drilling
Drilling Method: Hollow-Stem Auger
Driller: Richard
Lightship Rep.: Todd Nickerson

Casing		Sampler		Groundwater		Core		Survey	
Type:	N/A	Type:	Split-Spoon	Date:	11/3/2004	Type:	N/A	Lat.	N/A
Size:	N/A	Size:	2 ft, 1.75 OD	WL (ref.):	N/A	Size:	N/A	Long.	N/A
Hammer:	N/A	Hammer:	140 pounds	WL (bgs):		Length:	N/A	Elev.	N/A
Fall:	N/A	Fall:	30-inch	GW Elev.:	N/A				

Start Depth	Finish Depth	Sample ID	Blow Count				Recovery (inches)	TOVs (ppmv)	Lithology (USCS)	Description	Well Const.
16	18	SB3-16/18	0	0	0	1	20	3.2		Same as above. Visible tar globules, sheen and odor.	
18	20	SB3-18/20	1	1	1	1	14	5.8		Same as above. Visible tar globules, sheen and odor.	
20	22	SB3-20/22	0	0	1	1	14	12.0		Same as above. Visible tar globules, sheen and odor.	
22	24	SB3-22/24	1	1	1	2	8	5.1		Brown, fine to medium SAND, trace silt. Less visual tar impacts than above; tar odor.	
24	26	SB3-24/26	0	0	2	1	6	--		Brown, fine SAND with silt. No visual tar impact but has a tar odor.	
26	28	SB3-26/28*	5	5	4	5	12	51.1		Brown, fine SAND with silt and iron mottling. No visual tar impact but has a slight tar odor.	
28	30	SB3-28/30	0	3	2	2	9	--		Same as above. No visual tar impact but has a slight tar odor.	
30	32	SB3-30/32*	2	4	4	4	8	70.8		Same as above. No visual tar impact but has a slight tar odor.	

End of Boring at 32 feet below grade

Notes: TOVs: total organic vapors as measured in jar headspace method with photo-ionization detector using 10.6 electron volt bulb. *indicates soil samples submitted for laboratory analysis. No groundwater monitoring well installed. Borehole grouted from 32 feet to grade.

LIGHTSHIP ENGINEERING
ENVIRONMENTAL & LAND-USE CONSULTANTS

Boring ID: SB4 | Page 1 of 1
Monitoring Well ID: NA | Project #: 518.4.1
Start Date: November 3, 2004 | End Date: November 3, 2004

Client Name: Niagara Mohawk - National Gird USA
Project Name: Non-Owned Former Manufactured Gas Plant
Site Address: Intersection of Clinton Street and Broadway
City: Schenectady | State: New York

Drilling Co.: Aquifer Drilling
Drilling Method: Hollow-Stem Auger
Driller: Richard
Lightship Rep.: Todd Nickerson

Casing		Sampler		Groundwater		Core		Survey	
Type:	N/A	Type:	Split-Spoon	Date:	11/3/2004	Type:	N/A	Lat.	N/A
Size:	N/A	Size:	2 ft, 1.75 OD	WL (ref.):	N/A	Size:	N/A	Long.	N/A
Hammer:	N/A	Hammer:	140 pounds	WL (bgs):	12	Length:	N/A	Elev.	N/A
Fall:	N/A	Fall:	30-inch	GW Elev.:	N/A				

Start Depth	Finish Depth	Sample ID	Blow Count				Recovery (inches)	TOVs (ppmv)	Lithology (USCS)	Description	Well Const.
0	2	SB4-0/2	2	3	6	5	14	1.6	Fill	Brown, Organic Loam with trace ash over dark brown, silt, sand and gravel with brick, coal and ash. No odor or stain.	
2	4	SB4-2/4	3	7	5	4	11	3.1	Fill	Dark Brown, SILT, sand and gravel with brick, coal and ash over Brown, fine to medium sand and silt. No odor or stain.	
4	6	SB4-4/6	4	3	3	3	16	6.0	Fill	Brown, fine to medium SAND and silt over fine to medium gravel, trace slag. No odor or stain.	
6	8	SB4-6/8	2	1	2	2	12	12.5	SM	Brown, fine to medium SAND and silt. Black staining with tar odor at 7 feet.	
8	10	SB4-8/10*	9	4	2	1	18	49.5	SM	Black, fine to medium SAND and silt with small tar globules and odor.	
10	12	SB4-10/12	3	1	2	2	12	44.3	SM	Black, fine to medium SAND and silt with tar odor but no apparent tar globules.	▽
12	14	SB4-12/14*	2	2	1	1	16	37.9	SM	Same as above. Wet at 12 feet with visible sheen. Organic silt and peat observed at 14 feet.	
14	16	SB4-14/16	2	1	1	1	18	7.2	Pt	Brown, Organic Peat over gray fine to medium sand and silt. Slight odor, no stain.	
16	18	SB4-16/18	1	2	3	3	10	8.0	OL	Gray, SILT and fine to medium sand with peat lenses. No odor or stain.	
18	20	SB4-18/20	1	1	4	2	14	6.8	OL	Gray, SILT and fine to medium sand with trace organics. No odor or stain.	

End Soil Boring at 20 feet

Notes: TOVs: total organic vapors as measured in jar headspace method with photo-ionization detector using 10.6 electron volt bulb. *indicates soil samples submitted for laboratory analysis. No groundwater monitoring well installed. Borehole grouted from 20 feet to grade.

LIGHTSHIP ENGINEERING
ENVIRONMENTAL & LAND-USE CONSULTANTS

Boring ID: SB5 | Page 1 of 1
Monitoring Well ID: NA | Project #: 518.4.1
Start Date: November 3, 2004 | End Date: November 3, 2004

Client Name: Niagara Mohawk - National Gird USA
Project Name: Non-Owned Former Manufactured Gas Plant
Site Address: Intersection of Clinton Street and Broadway
City: Schenectady | State: New York

Drilling Co.: Aquifer Drilling
Drilling Method: Hollow-Stem Auger
Driller: Richard
Lightship Rep.: Todd Nickerson

Casing		Sampler		Groundwater		Core		Survey	
Type:	N/A	Type:	Split-Spoon	Date:	11/3/2004	Type:	N/A	Lat.	N/A
Size:	N/A	Size:	2 ft, 1.75 OD	WL (ref.):	N/A	Size:	N/A	Long.	N/A
Hammer:	N/A	Hammer:	140 pounds	WL (bgs):	6	Length:	N/A	Elev.	N/A
Fall:	N/A	Fall:	30-inch	GW Elev.:	N/A				

Start Depth	Finish Depth	Sample ID	Blow Count				Recovery (inches)	TOVs (ppmv)	Lithology (USCS)	Description	Well Const.
0	2	SB5-0/2	0	1	2	3	12	2.2	Fill	Brown, Organic Loam over brown, silt, sand and gravel with brick. No odor or stain.	
2	4	SB5-2/4	6	9	8	6	20	1.2	Fill	Brown, SILT with fine to coarse sand, trace brick, coal and ash. No odor or stain.	
4	6	SB5-4/6	3	3	2	3	16	0.9	Fill	Brown, fine to coarse SAND and silt with trace brick and ash. No odor or stain. Moist at 5 feet.	▽
6	8	SB5-6/8	2	1	1	1	18	12.3	Fill	Brown, fine to coarse SAND and silt over gray, fine to coarse sand and silt with trace ash and brick. Wet at 6 feet. No odor or stain.	
8	10	SB5-8/10	0	0	0	0	0	--		No Recovery	
10	12	SB5-10/12*	1	0	0	1	24	51.7	SM	Gray, fine to coarse SAND with silt, trace organics. Slight tar odor, no stain.	
12	14	SB5-12/14*	0	0	0	0	20	44.1	SM	Gray, fine to medium SAND and silt with trace organics. Slight tar odor, no stain.	
14	16	SB5-14/16	0	0	0	1	20	89.0	SM	Gray, fine to medium SAND and silt with trace organics. Slight tar odor, no stain.	
16	18	SB5-16/18*	6	4	3	3	18	105.0	SM	Gray, fine to medium SAND and silt with trace organics. Wood chips/peat at 18 feet. Slight tar odor, no stain.	
18	20	SB5-18/20	2	1	3	2	10	41.0	SM	Gray, fine to coarse SAND and silt with trace slag. Tar odor.	
20	22	SB5-20/22	1	1	1	1	10	88.1	OL	Gray, SILT and clay with trace organics. No odor or stain.	
22	24	SB5-22/24*	1	1	1	1	18	54.0	OL	Gray, SILT and clay with trace organics. No odor or stain.	

End Soil Boring at 24 feet

Notes: TOVs: total organic vapors as measured in jar headspace method with photo-ionization detector using 10.6 electron volt bulb. *indicates soil samples submitted for laboratory analysis. No groundwater monitoring well installed. Borehole grouted from 24 feet to grade.

LIGHTSHIP ENGINEERING
ENVIRONMENTAL & LAND-USE CONSULTANTS

Boring ID: SB6 | Page 1 of 1
Monitoring Well ID: LE-MW3 | Project #: 518.4.1
Start Date: November 4, 2004 | End Date: November 4, 2004

Client Name: Niagara Mohawk - National Gird USA
Project Name: Non-Owned Former Manufactured Gas Plant
Site Address: Intersection of Clinton Street and Broadway
City: Schenectady | State: New York

Drilling Co.: Aquifer Drilling
Drilling Method: Hollow-Stem Auger
Driller: Richard
Lightship Rep.: Todd Nickerson

Casing		Sampler		Groundwater		Core		Survey	
Type:	N/A	Type:	Split-Spoon	Date:	11/5/2004	Type:	N/A	Lat.	N/A
Size:	N/A	Size:	2 ft, 1.75 OD	WL (ref.):	234.62	Size:	N/A	Long.	N/A
Hammer:	N/A	Hammer:	140 pounds	WL (bgs):	14.52	Length:	N/A	Elev.	N/A
Fall:	N/A	Fall:	30-inch	GW Elev.:	220.10				

Start Depth	Finish Depth	Sample ID	Blow Count				Recovery (inches)	TOVs (ppmv)	Lithology (USCS)	Description	Well Const.
0	2	SB6-0/2	2	3	2	4	12	0.0	Fill	Brown, Organic Loam with trace brick and ash. No odor or stain.	0.5' - 4'
5	7	SB6-5/7	8	7	7	4	14	0.0	Fill	Brown, fine to medium SAND and silt with trace brick, ash, coal and slag. No odor or stain.	4' - 6' / 6' - 8'
10	12	SB6-10/12	4	2	1	2	10	0.0	Fill	Brown, fine to medium SAND and silt with trace brick, ash, coal and slag. No odor or stain.	
12	14	SB6-12/14*	1	2	1	1	14	0.0	SM	Brown, fine to medium SAND with silt. Wet at 13 feet. No odor or stain.	8' - 18'
14	16	SB6-14/16	1	1	1	1	14	0.0	SM	Brown, fine to medium SAND with silt. No odor or stain.	
16	18	SB6-16/18*	1	2	2	1	14	36.9	SM	Brown, fine to coarse SAND with silt. Coal tar odor and sheen.	
18	20	SB6-18/20*	1	1	1	1	14	90.1	SM	Brown, fine to coarse SAND with silt. Visible coal tar globules, staining, sheen and odor.	18' - 20'

End Soil Boring at 20 feet below grade

Notes: TOVs: total organic vapors as measured in jar headspace method with photo-ionization detector using 10.6 electron volt bulb. *indicates soil samples submitted for laboratory analysis. Set two-inch diameter groundwater monitoring well at 20 feet below grade with a 2 foot sump set from 20 feet to 18 feet below grade, 10 feet of Schedule 40 PVC screen (0.020-inch slotted) set from 18 feet to 8 feet below grade and 8 feet of Schedule 40 PVC riser. Filter sand pack from 20 feet below grade to 6 feet below grade. Hydrated bentonite seal from 6 feet below grade to 4 feet below grade. Filter sand pack from 4 feet below grade to 3 feet below grade. Grout from 3 feet below grade to 0.5 feet below grade. Concrete and a flush-mounted roadbox from 0.5 feet below grade to grade.

LIGHTSHIP ENGINEERING
ENVIRONMENTAL & LAND-USE CONSULTANTS

Boring ID: SB7 | Page 1 of 1
Monitoring Well ID: NA | Project #: 518.4.1
Start Date: November 4, 2004 | End Date: November 4, 2004

Client Name: Niagara Mohawk - National Gird USA
Project Name: Non-Owned Former Manufactured Gas Plant
Site Address: Intersection of Clinton Street and Broadway
City: Schenectady | State: New York

Drilling Co.: Aquifer Drilling
Drilling Method: Hollow-Stem Auger
Driller: Richard
Lightship Rep.: Todd Nickerson

Casing		Sampler		Groundwater		Core		Survey	
Type:	N/A	Type:	Split-Spoon	Date:	11/4/2004	Type:	N/A	Lat.	N/A
Size:	N/A	Size:	2 ft, 1.75 OD	WL (ref.):	N/A	Size:	N/A	Long.	N/A
Hammer:	N/A	Hammer:	140 pounds	WL (bgs):	14	Length:	N/A	Elev.	N/A
Fall:	N/A	Fall:	30-inch	GW Elev.:	N/A				

Start Depth	Finish Depth	Sample ID	Blow Count				Recovery (inches)	TOVs (ppmv)	Lithology (USCS)	Description	Well Const.
0	10	No Soil Samples Collected per NYSDEC on-site coordinator. See Test Pit Log TP4.									
10	12	SB7-10/12	6	5	6	4	1	0.0		No Recovery	
12	14	SB7-12/14	4	3	3	3	1	0.0		No Recovery	▽
14	16	SB7-14/16*	3	2	1	1	14	0.0	SM	Brown, fine to medium SAND with silt. Wet at 14 feet. No odor or stain.	
16	18	SB7-16/18	1	1	1	1	16	0.0	SM	Brown, fine to medium SAND with silt. No odor or stain.	
18	20	SB7-18/20	1	1	1	2	18	0.0	SM	Brown, fine to medium SAND with silt. No odor or stain.	
End Soil Boring at 20 feet											

Notes: TOVs: total organic vapors as measured in jar headspace method with photo-ionization detector using 10.6 electron volt bulb. *indicates soil samples submitted for laboratory analysis. No groundwater monitoring well installed. Borehole Grouted from 20 feet to grade.

LIGHTSHIP ENGINEERING
ENVIRONMENTAL & LAND-USE CONSULTANTS

Boring ID: SB8 | Page 1 of 1
Monitoring Well ID: NA | Project #: 518.4.1
Start Date: November 5, 2004 | End Date: November 5, 2004

Client Name: Niagara Mohawk - National Gird USA
Project Name: Non-Owned Former Manufactured Gas Plant
Site Address: Intersection of Clinton Street and Broadway
City: Schenectady | State: New York

Drilling Co.: Aquifer Drilling
Drilling Method: Hollow-Stem Auger
Driller: Richard
Lightship Rep.: Todd Nickerson

Casing		Sampler		Groundwater		Core		Survey	
Type:	N/A	Type:	Split-Spoon	Date:	11/5/2004	Type:	N/A	Lat.	N/A
Size:	N/A	Size:	2 ft, 1.75 OD	WL (ref.):	N/A	Size:	N/A	Long.	N/A
Hammer:	N/A	Hammer:	140 pounds	WL (bgs):	10	Length:	N/A	Elev.	N/A
Fall:	N/A	Fall:	30-inch	GW Elev.:	N/A				

Start Depth	Finish Depth	Sample ID	Blow Count				Recovery (inches)	TOVs (ppmv)	Lithology (USCS)	Description	Well Const.
0	2	SB8-0/2*	1	2	3	17	12	12.0	Fill	Brown, Organic Loam over fine to coarse SAND, silt and gravel with ash, brick, coal. No odor or stain.	
5	7	SB8-5/7*	2	3	3	2	10	46.3	Fill	Brown, fine to medium SAND with silt, trace fine gravel and ash. Sample moist with slight sheen and tar odor	
10	12	SB8-10/12*	3	2	1	2	10	4.9	OL	Dark Brown, Organic SILT with fine to medium sand. Sample wet. No sheen or odor.	▽
12	14	SB8-12/14	1	1	1	0	10	6.4	OL	Dark Brown, Organic SILT with fine to medium sand. Sample wet. No sheen or odor.	
14	16	SB8-14/16	2	1	3	1	10	0.0	SM/OL	Gray, fine to medium SAND and silt with organics. Organic odor, no sheen observed.	

End of Soil Boring at 16 feet below grade.

Notes: TOVs: total organic vapors as measured in jar headspace method with photo-ionization detector using 10.6 electron volt bulb. *indicates soil samples submitted for laboratory analysis. No groundwater monitoring well installed. Borehole grouted from 16 feet to grade.

LIGHTSHIP ENGINEERING
ENVIRONMENTAL & LAND-USE CONSULTANTS

Boring ID: SB9 | Page 1 of 1
Monitoring Well ID: LE-MW4 | Project #: 518.4.1
Start Date: November 5, 2004 | End Date: November 5, 2004

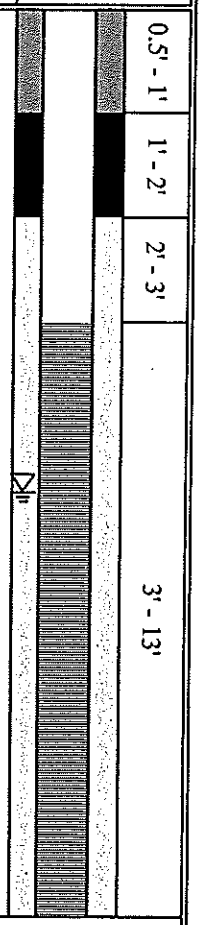
Client Name: Niagara Mohawk - National Gird USA
Project Name: Non-Owned Former Manufactured Gas Plant
Site Address: Intersection of Clinton Street and Broadway
City: Schenectady | State: New York

Drilling Co.: Aquifer Drilling
Drilling Method: Hollow-Stem Auger
Driller: Richard
Lightship Rep.: Todd Nickerson

Casing		Sampler		Groundwater		Core		Survey	
Type:	N/A	Type:	Split-Spoon	Date:	11/5/2004	Type:	N/A	Lat.	N/A
Size:	N/A	Size:	2 ft, 1.75 OD	WL (ref.):	221.48	Size:	N/A	Long.	N/A
Hammer:	N/A	Hammer:	140 pounds	WL (bgs):	5.71	Length:	N/A	Elev.	N/A
Fall:	N/A	Fall:	30-inch	GW Elev.:	215.77				

Start Depth	Finish Depth	Sample ID	Blow Count	Recovery (inches)	TOVs (ppmv)	Lithology (USCS)	Description	Well Const.

No Soil Samples Collected per NYSDEC on-site coordinator. See Soil Boring Log SB1.



End Soil Boring at 13 feet below grade

Notes: TOVs: total organic vapors as measured in jar headspace method with photo-ionization detector using 10.6 electron volt bulb. Set two inch diameter groundwater monitoring well at 13 feet below grade with 10 feet of Schedule 40 PVC screen (0.020-inch slotted) and 3 feet of Schedule 40 PVC riser. Filter sand pack from 13 feet below grade to 2 feet below grade. Hydrated bentonite seal from 2 feet below grade to 1 feet below grade. Filter sand pack from 1 foot to 0.5 feet below grade. Concrete and a flush-mounted roadbox from 0.5 feet below grade to grade.

LIGHTSHIP ENGINEERING
ENVIRONMENTAL & LAND-USE CONSULTANTS

Test Pit ID: LE-TP1

Project #: 518.4.1

Location: Clinton Street Gasometer

Start Date: November 2, 2004 End Date: November 2, 2004

Client Name: Niagara Mohawk - National Gird USA
Project Name: Non-Owned Former Manufactured Gas Plant
Site Address: Intersection of Clinton Street and Broadway
City: Schenectady State: New York

Excavation Contractor: Mangiardi Bros.
Excavation Method: Backhoe
Operator: Bill
Lightship Rep.: Brian LaPierre

Start Depth	Finish Depth	Sample ID	TOVs (ppmv)	Lithology (USCS)	Description	Test Pit
0	2	NS	0.0	Fill	Brown, Organic Loam over fine to coarse SAND, silt and gravel with ash, brick.	
2	4	NS	0.0	Fill	Brown, Organic Loam over fine to coarse SAND, silt and gravel with ash, brick, coal.	
4	6	NS	0.0	Fill	Brown, fine to medium SAND with silt, trace fine to coarse gravel and ash. Moist.	
6	8	NS	0.0	Fill	Brown, fine to medium SAND with silt, some fine to coarse gravel, concrete, brick, and ash. Moist.	
8	10	LE-TP1-8/10	0.0	Fill	Brown, fine to medium SAND with silt, some fine to coarse gravel and ash. Moist. Refusal at 10 feet below grade.	

End of Test Pit at 10 feet below grade.

Notes: TOVs: total organic vapors as measured in jar headspace method with photo-ionization detector using 10.6 electron volt bulb. NS indicates no sample submitted for analysis.

LIGHTSHIP ENGINEERING
ENVIRONMENTAL & LAND-USE CONSULTANTS

Test Pit ID: LE-TP2 | Page 1 of 1

Project #: 518.4.1

Location: Clinton Street Gasometer

Start Date: November 2, 2004 | End Date: November 2, 2004

Client Name: Niagara Mohawk - National Gird USA
Project Name: Non-Owned Former Manufactured Gas Plant
Site Address: Intersection of Clinton Street and Broadway
City: Schenectady | State: New York

Excavation Contractor: Mangiardi Bros.
Excavation Method: Backhoe
Operator: Bill
Lightship Rep.: Brian LaPierre

Start Depth	Finish Depth	Sample ID	TOVs (ppmv)	Lithology (USCS)	Description	Test Pit
0	2	NS	0.0	Fill	Brown, Organic Loam over fine to coarse SAND, silt and gravel with ash, brick.	
2	4	NS	0.0	Fill	Brown, Organic Loam over fine to coarse SAND, silt and gravel with ash, brick.	
4	6	NS	0.0	Fill	Brown, fine to medium SAND with silt, trace fine to coarse gravel and ash. Moist.	
6	8	NS	0.0	Fill	Brown, fine to medium SAND with silt, some fine to coarse gravel, concrete, brick, and ash. Moist.	
8	10	NS	0.0	Fill	Brown, fine to medium SAND with silt, some fine to coarse gravel and ash. Moist. Concrete refusal at 10 feet below grade due to apparent concrete structure.	

End of Test Pit at 10 feet below grade.

Notes: TOVs: total organic vapors as measured in jar headspace method with photo-ionization detector using 10.6 electron volt bulb. NS indicates no sample submitted for analysis.

LIGHTSHIP ENGINEERING
ENVIRONMENTAL & LAND-USE CONSULTANTS

Test Pit ID: LE-TP3 | Page 1 of 1

Project #: 518.4.1

Location: Clinton Street Gasometer

Start Date: November 2, 2004 | End Date: November 2, 2004

Client Name: Niagara Mohawk - National Gird USA
Project Name: Non-Owned Former Manufactured Gas Plant
Site Address: Intersection of Clinton Street and Broadway
City: Schenectady | State: New York

Excavation Contractor: Mangiardi Bros.
Excavation Method: Backhoe
Operator: Bill
Lightship Rep.: Brian LaPierre

Start Depth	Finish Depth	Sample ID	TOVs (ppmv)	Lithology (USCS)	Description	Test Pit
0	2	NS	0.0	Fill	Brown, Organic Loam over fine to coarse SAND, silt and gravel with ash, brick, coal.	
2	4	NS	0.0	Fill	Brown, Organic Loam over fine to coarse SAND, silt and gravel with ash, brick, coal.	
4	6	NS	0.0	Fill	Brown, fine to medium SAND with silt, trace fine to coarse gravel and ash. Moist.	
6	8	NS	0.0	Fill	Brown, fine to medium SAND with silt, some fine to coarse gravel, concrete, brick, and ash. Moist.	

End of Test Pit at 8 feet below grade.

Notes: TOVs: total organic vapors as measured in jar headspace method with photo-ionization detector using 10.6 electron volt bulb. NS indicates no sample submitted for analysis.

LIGHTSHIP ENGINEERING
ENVIRONMENTAL & LAND-USE CONSULTANTS

Test Pit ID: LE-TP4 | Page 1 of 1

Project #: 518.4.1

Location: Gasometer

Start Date: November 2, 2004 | End Date: November 2, 2004

Client Name: Niagara Mohawk - National Gird USA
Project Name: Non-Owned Former Manufactured Gas Plant
Site Address: Intersection of Clinton Street and Broadway
City: Schenectady | State: New York

Excavation Contractor: Mangiardi Bros.
Excavation Method: Backhoe
Operator: Bill
Lightship Rep.: Brian LaPierre

Start Depth	Finish Depth	Sample ID	TOVs (ppmv)	Lithology (USCS)	Description	Test Pit
0	2	NS	0.0	Fill	Brown, Organic Loam over fine to coarse SAND, silt and gravel with ash, brick, coal.	
2	4	NS	0.0	Fill	Brown, Organic Loam over fine to coarse SAND, silt and gravel with ash, brick, coal.	
4	6	NS	0.0	Fill	Brown, fine to medium SAND with silt, trace fine to coarse gravel and ash. Moist.	
6	8	NS	0.0	Fill	Brown, fine to medium SAND with silt, some fine to coarse gravel, concrete, brick, and ash. Moist.	
8	10	LE-TP4-8/10	0.0	Fill	Brown, fine to medium SAND with silt, some fine to coarse gravel and ash. Moist.	

End of Test Pit at 10 feet below grade.

Notes: TOVs: total organic vapors as measured in jar headspace method with photo-ionization detector using 10.6 electron volt bulb. NS indicates no sample submitted for analysis.

C.T. Male Borelogs 2006

C.T. MALE ASSOCIATES, P.C.

GEOPROBE SUBSURFACE EXPLORATION LOG

BORING NO.: GP-14
ELEV.: **DATUM:**
START DATE: 5/10/06 **FINISH DATE: 5/10/06**
SHEET 1 OF 1

PROJECT: 312 Broadway CTM PROJECT NO.: 05.5550

LOCATION: Schenectady, NY CTM OBSERVER: N. Freeman

DEPTH (FT.)	SAMPLE INTERVAL	SAMPLE NO.	SAMPLE RECOVERY (FT)	SAMPLE CLASSIFICATION	NOTES
4		1	3.0	6" Topsoil Fill: Brown fine to coarse SAND and GRAVEL, Some Silt, trace cinder, ash and brick	Moist
8		2	2.0	Fill: Brown fine to coarse SAND, Some Silt and Gravel, trace brick	Wet
12		3	4.0	Fill: Gray fine SAND, Some Silt Fill: becomes white ASH, Some fine to coarse Sand becomes Black fine SAND, Some Silt	Wet Tar Odor
16		4	NR	Boring Terminated at 15'	
20					
24					
28					

DRILLING CONTRACTOR: Precision Env. GEOPROBE TYPE: Bobcat-Mounted
METHOD OF SAMPLING: 2" by 4' Macrocore Sampler

GROUNDWATER LEVEL READINGS

DATE	LEVEL	REFERENCE MEASURING POINT

SAMPLE CLASSIFICATION BY: N. Freeman

THE SUBSURFACE INFORMATION SHOWN HEREON WAS OBTAINED FOR C.T. MALE ASSESSMENT PURPOSES. IT IS MADE AVAILABLE TO AUTHORIZED USERS ONLY THAT THEY MAY HAVE ACCESS TO THE SAME INFORMATION AVAILABLE TO C.T.MALE. IT IS PRESENTED IN GOOD FAITH, BUT IS NOT INTENDED AS A SUBSTITUTE FOR INVESTIGATIONS, INTERPRETATION OR JUDGMENT OF SUCH AUTHORIZED USERS.

C.T. MALE ASSOCIATES, P.C.

GEOPROBE SUBSURFACE EXPLORATION LOG

BORING NO.: GP-15
ELEV.: **DATUM:**
START DATE: 5/10/06 **FINISH DATE: 5/10/06**
SHEET 1 OF 1

PROJECT: 312 Broadway CTM PROJECT NO.: 05.5550

LOCATION: Schenectady, NY CTM OBSERVER: N. Freeman

DEPTH (FT.)	SAMPLE INTERVAL	SAMPLE NO.	SAMPLE RECOVERY (FT)	SAMPLE CLASSIFICATION	NOTES
4		1	3.2	4" Topsoil Fill: Brown fine to coarse SAND and SILT, Some Gravel, little brick, cinder and ash	Moist
8		2	4.0	Fill: White ASH becomes Black fine to coarse SAND and GRAVEL	Wet Tar Odor
12		3	2.0	Black fine to coarse SAND and GRAVEL	Wet (Sheen on sample water)
16		4	0.6	Gray fine SAND and SILT, Some Organics	
20				Boring Terminated at 15'	
24					
28					

DRILLING CONTRACTOR: Precision Env. GEOPROBE TYPE: Bobcat-Mounted
METHOD OF SAMPLING: 2" by 5' Macrocore Sampler

GROUNDWATER LEVEL READINGS

DATE	LEVEL	REFERENCE MEASURING POINT

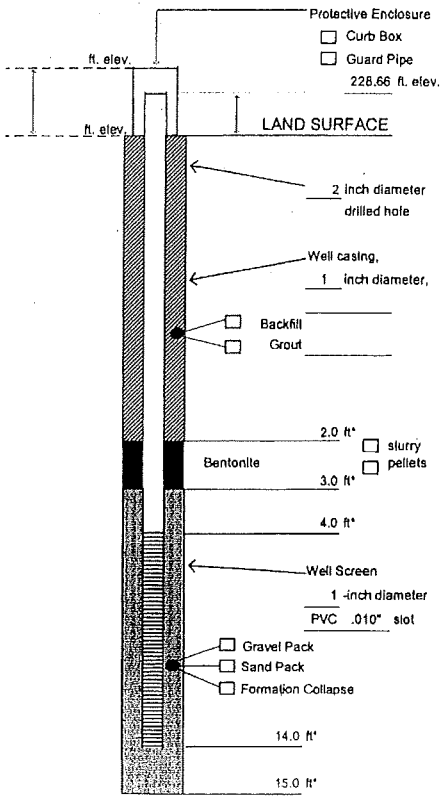
THE SUBSURFACE INFORMATION SHOWN HEREON WAS OBTAINED FOR C.T. MALE ASSESSMENT PURPOSES. IT IS MADE AVAILABLE TO AUTHORIZED USERS ONLY THAT THEY MAY HAVE ACCESS TO THE SAME INFORMATION AVAILABLE TO C.T.MALE. IT IS PRESENTED IN GOOD FAITH, BUT IS NOT INTENDED AS A SUBSTITUTE FOR INVESTIGATIONS, INTERPRETATION OR JUDGMENT OF SUCH AUTHORIZED USERS.

SAMPLE CLASSIFICATION BY:
N. Freeman

Well No. CTM-14

MONITORING WELL CONSTRUCTION LOG

C.T. MALE ASSOCIATES, P.C.



* Depth below land surface.

Project Number 05.5550

Project Name 312 Broadway

Well No. CTM-14 Boring No. GP-14

Town/City Schenectady

County Schenectady State NY

Installation Date(s) 5.10.06

Drilling Contractor Precision Environmental Services

Drilling Method 4' Macro Core Sampler

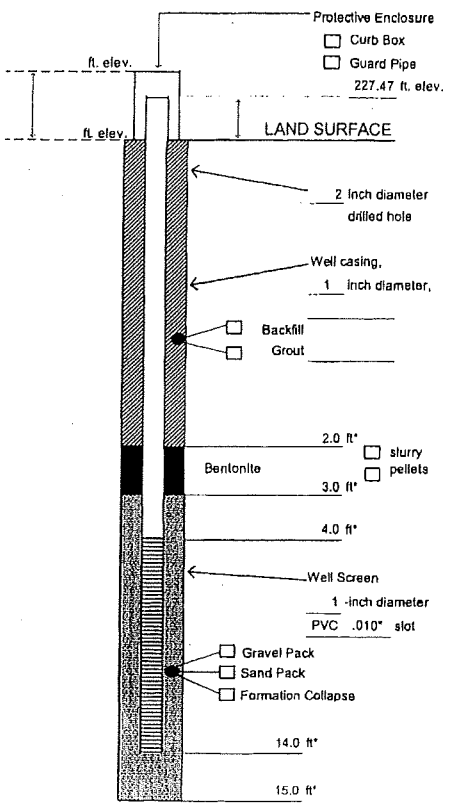
C.T. Male Observer N. Freeman

Notes:

Well No. CTM-15

MONITORING WELL CONSTRUCTION LOG

C.T. MALE ASSOCIATES, P.C.



* Depth below land surface.

Project Number 05.5550

Project Name 312 Broadway

Well No. CTM-15 Boring No. GP-15

Town/City Schenectady

County Schenectady State NY

Installation Date(s) 5.10.06

Drilling Contractor Precision Environmental Services

Drilling Method 4' Macro Core Sampler

C.T. Male Observer N. Freeman

Notes:

RETEC Borelogs and Test Pit Logs - 2006

RETEC
1001 West Seneca Street, Suite 204
Ithaca, New York, 14850

Well ID: MW5/SB10A

Project Name: Schenectady, Clinton Street MGP Site
Project Number: NIMO2-19711
Date Started/Completed: November 7, 2006
Boring Location: South of Housing Authority Building
Drilling Company: Aztech Technologies, Inc.

Drilling Method: Direct-push and HSA
Sampling Method: 5 ft Macro-core
PVC/Ground Elevation (ft/msl): 230.41 / 230.67
Total Depth: 30.0 ft bgs
Logged By: Scott Hauswirth

Depth (Feet)	Recovery (Feet)	PID (ppm)	Sample ID	Sample Interval	Lithology	USCS	Visual Impacts	Geologic Description	Remarks	Well Construction
0	3.2	0.0				Fill		Grass. Dark brown fine to medium SAND, little silt, trace coal and brick fragments; dry.	Flush mounted curb box	
-2		0.0								
-4								Dark brown fine to medium SAND, little silt, trace coal and brick fragments; dry.	Bentonite seal from 0-5 ft bgs	
-6	3.0	0.5				Fill			#0 filter pack from 5-17 ft bgs	
-8		0.2								
-10	4.8	0.3	SB10 (10-11.5)			SM		Becomes wet at 10 ft bgs. Black fine SAND; wet, hydrocarbon-like odor. Brown fine to medium SAND, little silt; wet, loose.	2", 0.020 slotted PVC screen from 7-17 ft bgs	
-12		0.0						Brown and gray SILT, little fine sand and clay; wet.		
-14		0.1								
-16	4.9	0.2				SM		Gray inter-layered fine SAND and SILT and CLAY; wet, firm.		
-18		0.0								
-20	4.9	0.3				SM		Gray inter-layered fine SAND and SILT and CLAY; wet, firm.		
-22										
-24		0.5								
-26	4.5	0.3				SM		Gray inter-layered fine SAND and CLAY, little silt; wet, firm.		
-28		0.2	SB10 (28-30)					Boring terminated at 30 ft bgs.		
-30										

Tar or NAPL/Tar Saturated Soil Hydrocarbon Staining, Hydrocarbon Sheen or NAPL Blebs

Comments: Soil samples SB10(10-11.5) and SB10(28-30) were analyzed for VOCs, SVOCs, TAL metals and total cyanide.

RETEC
1001 West Seneca Street, Suite 204
Ithaca, New York, 14850

Boring ID: SB10B

Project Name: Schenectady, Clinton Street MGP Site
Project Number: NIMO2-19711
Date Started/Completed: November 7, 2006
Boring Location: East side of Housing Authority Building
Drilling Company: Aztech Technologies, Inc.

Drilling Method: Direct-push
Sampling Method: 5 ft Macro-core
Ground Elevation (ft/msl): 225.38
Total Depth: 18 ft bgs
Logged By: Scott Hauswirth

Depth (Feet)	Recovery (Feet)	PID (ppm)	Sample ID	Sample Interval	Lithology	USCS	Visual Impacts	Geologic Description	Remarks
0									
-2	1.8	0.0						Brown fine to medium SAND, little gravel and organic material; dry.	
-4									
-6						Fill		Gray GRAVEL, little sand, trace silt; moist.	
-8	1.2	0.0							
-10									
-12	1.8	0.0				Fill			
-14									
-16									
-18	2.5	0.0						Becomes wet at 17 ft bgs. Concrete from 17-18 ft bgs. Refusal at 18 ft bgs.	

Tar or NAPL/Tar Saturated Soil Hydrocarbon Staining, Hydrocarbon Sheen or NAPL Blebs

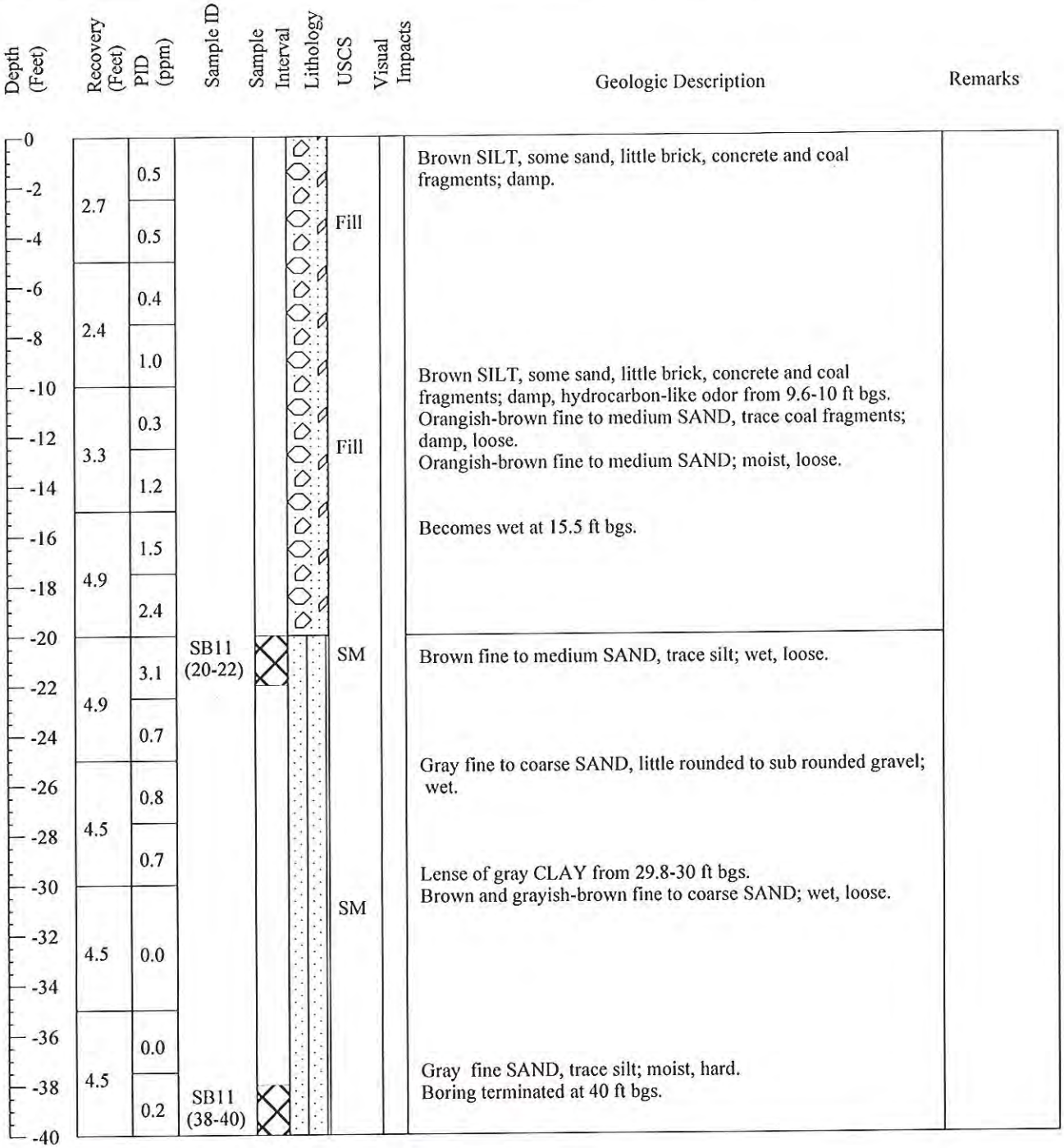
Comments: No soil samples were collected for analytical testing.
Boring location hand cleared to 5.0 ft bgs on October 31, 2006.

RETEC
1001 West Seneca Street, Suite 204
Ithaca, New York, 14850

Boring ID: SB11

Project Name: Schenectady, Clinton Street MGP Site
Project Number: NIMO2-19711
Date Started/Completed: November 7, 2006
Boring Location: Inside Gas Holders A and C
Drilling Company: Aztech Technologies, Inc.

Drilling Method: Direct-push
Sampling Method: 5 ft Macro-core
Ground Elevation (ft/msl): 237.70
Total Depth: 40.0 ft bgs
Logged By: Scott Hauswirth



Tar or NAPL/Tar Saturated Soil Hydrocarbon Staining, Hydrocarbon Sheen or NAPL Blebs

Comments: Soil samples SB11(20-22) and SB11(38-40) analyzed for VOCs, SVOCs, TAL metals and total cyanide.
Boring location hand cleared to 5.0 ft bgs October 31, 2006.

RETEC
1001 West Seneca Street, Suite 204
Ithaca, New York, 14850

Well ID: MW6/SB12

Project Name: Schenectady, Clinton Street MGP Site
Project Number: NIMO2-19711
Date Started/Completed: November 7, 2006
Boring Location: Near Apartment Building #3
Drilling Company: Aztech Technologies, Inc.

Drilling Method: Direct-push
Sampling Method: 5 ft Macro-core
PVC/Ground Elevation (ft/msl): 255.23/255.83
Total Depth: 40.0 ft bgs
Logged By: Scott Hauswirth

Depth (Feet)	Recovery (Feet)	PID (ppm)	Sample ID	Sample Interval	Lithology	USCS	Visual Impacts	Geologic Description	Remarks	Well Construction
0	NA	0.0				Fill		Grass. Dark brown fine to medium SAND, little silt, trace gravel, coal and brick fragments; dry.	Flush mounted curb box	
-2		0.2							Bentonite seal from 0-21 ft bgs	
-4										
-6	3.5	0.1						Dark brown fine to medium SAND, little silt, trace coal and brick fragments; moist.		
-8		0.2								
-10	3.6	0.3				Fill		Orangish-brown fine to medium SAND, little silt, trace ash-like material; moist.		
-12		0.0						Orangish-brown fine to medium SAND, little silt; moist.		
-14										
-16	2.7	0.1								
-18		0.2				Fill		Orangish-brown fine to medium SAND, little silt, trace ash-like material; moist.		
-20	3.2	0.0							#2 filter pack from 20-32 ft bgs	
-22		0.3						Becomes wet at 24.6 ft bgs.		
-24	4.0	0.1	SB12 (25-26)			SM		Brown inter-layered fine SAND and SILT and CLAY; wet, firm.	2", 0.020 slotted PVC screen from 22-32 ft bgs	
-26		0.3						Gray inter-layered fine SAND and SILT, little clay; wet, loose.		
-28	4.6	0.2							Well sump with bentonite seal from 32-33 ft bgs	
-30		0.2				SM		Gray inter-layered fine SAND and SILT and CLAY; wet, firm.		
-32	4.6	0.1	SB12 (38-40)							
-34		0.2						Boring terminated at 40 ft bgs.		
-36										
-38										
-40										

Tar or NAPL/Tar Saturated Soil Hydrocarbon Staining, Hydrocarbon Sheen or NAPL Blebs

Comments: Soil samples SB12(25-26) and SB12(38-40) were analyzed for VOCs, SVOCs, TAL metals and total cyanide.
Boring location hand cleared to 5.0 ft bgs on November 1, 2006.

RETEC
1001 West Seneca Street, Suite 204
Ithaca, New York, 14850

Well ID: MW7/SB13

Project Name: Schenectady, Clinton Street MGP Site
Project Number: NIMO2-19711
Date Started/Completed: November 1, 2006
Boring Location: West of Housing Authority Building
Drilling Company: Aztech Technologies, Inc.

Drilling Method: Direct-push and HSA
Sampling Method: 5 ft Macro-core
PVC/Ground Elevation (ft/msl): 226.89 / 227.13
Total Depth: 39.0 ft bgs
Logged By: Scott Hauswirth

Depth (Feet)	Recovery (Feet)	PID (ppm)	Sample ID	Sample Interval	Lithology	USCS	Visual Impacts	Geologic Description	Remarks	Well Construction
0	NA	0.6				Fill		Brown fine to medium SAND and SILT; dry.	Flush mounted curb box	
-2								Brown fine to medium SAND, little silt, trace cobbles and brick fragments.	Bentonite seal from 0-2.5 ft bgs	
-4										
-6	3.5	1.1				SM		Grayish-brown and orangish-brown fine SAND, little silt; moist.	#2 filter pack from 2.5-14 ft bgs	
-8										
-10	3.6	6.0	SB13 (10-11)					Gray fine to medium SAND; wet, hydrocarbon-like odor.	2", 0.020 slotted PVC screen from 4-14 ft bgs	
-12										
-14		1.6				Peat		Brown PEAT, little silt; wet.		
-16	2.7	0.6				OL		Grayish-brown SILT, some fine to medium sand, little peat; wet, loose.	Well sump with bentonite seal from 14-16 ft bgs	
-18		0.4						Brown SILT and PEAT; firm, moist. Gray SILT, some fine sand, trace peat and clay; damp, firm.		
-20	3.2	0.4				SM		Grayish-brown fine SAND, some silt, trace peat; firm.		
-22		0.3						Grayish-brown fine SAND, little silt lenses; wet, loose.		
-24	4.0	0.3								
-26		0.2						Grayish-brown fine to medium SAND; wet, moderately dense, hydrocarbon-like odor.		
-28	3.8	1.5				SM				
-30		4.2								
-32	4.6	176	SB13 (37-39)							
-34		287						Boring terminated at 39 ft bgs.		
-36										
-38										

Tar or NAPL/Tar Saturated Soil Hydrocarbon Staining, Hydrocarbon Sheen or NAPL Blebs

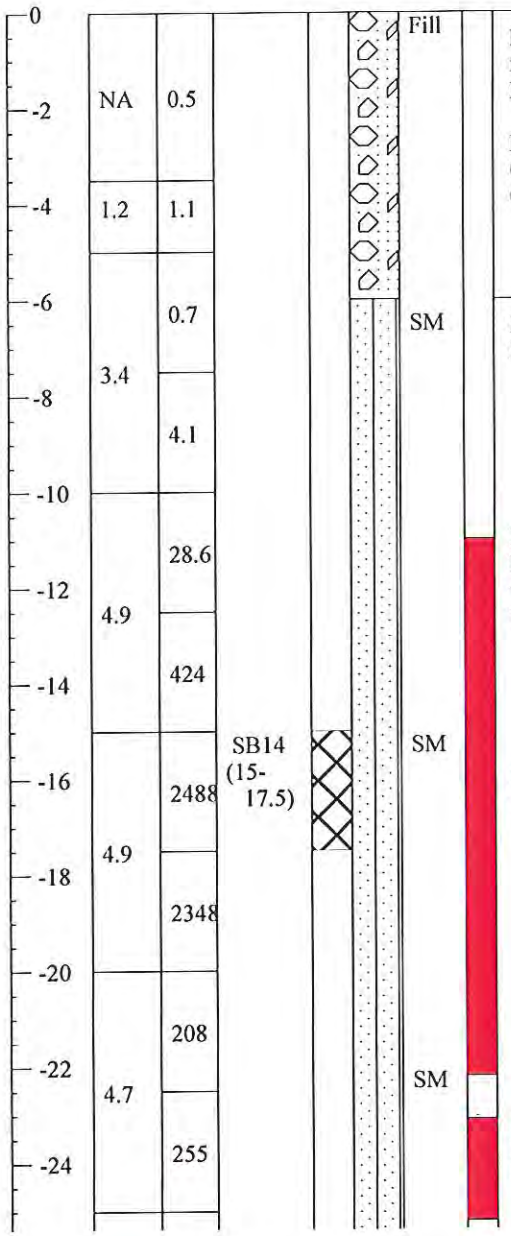
Comments: Soil samples SB13(10-11) and SB13(37-39) were analyzed for VOCs, SVOCs, TAL metals and total cyanide.
Boring location hand cleared to 5.0 ft bgs on November 1, 2006.

RETEC
1001 West Seneca Street, Suite 204
Ithaca, New York, 14850

Boring ID: SB14

Project Name: Schenectady, Clinton Street MGP Site
Project Number: NIMO2-19711
Date Started/Completed: November 6, 2006
Boring Location: Outside of Gas Holder C
Drilling Company: Aztech Technologies, Inc.

Drilling Method: Direct-push
Sampling Method: 5 ft Macro-core
Ground Elevation (ft/msl): 231.44
Total Depth: 50.0 ft bgs
Logged By: Scott Hauswirth



Geologic Description

Dark brown fine to medium SAND, little brick and concrete fragments and gravel; dry.
Brown fine SAND; dry.

Brown and white SAND and ASH.
Concrete slab at 3.5 ft bgs.
Orangish-brown fine to medium SAND; dry.

Brown fine to medium SAND, little silt; moist.
Becomes wet at 7 ft bgs.

Hydrocarbon-like odor from 10-11 ft bgs.
Brown and black fine to medium SAND, little silt, trace gravel; wet, saturated with brown low viscosity NAPL from 11-15 ft bgs.

Brown fine to medium SAND; wet, saturated with brown low viscosity NAPL from 15-22.2 ft bgs.

Brown fine to medium SAND; wet, hydrocarbon-like odor.
Dark brown and gray SAND and SILT; wet, saturated with brown low viscosity NAPL from 23.1-25.2 ft bgs.

Remarks

Tar or NAPL/Tar Saturated Soil

Hydrocarbon Staining, Hydrocarbon Sheen or NAPL Blebs

Comments: Soil samples SB14(15-17.5) and SB14(38-40) analyzed for VOCs, SVOCs, TAL metals and total cyanide.
Boring location hand cleared to 3.5 ft bgs on October 31, 2006.

RETEC
1001 West Seneca Street, Suite 204
Ithaca, New York, 14850

Boring ID: SB14

Project Name: Schenectady, Clinton Street MGP Site
Project Number: NIMO2-19711
Date Started/Completed: November 6, 2006
Boring Location: Outside of Gas Holder C
Drilling Company: Aztech Technologies, Inc.

Drilling Method: Direct-push
Sampling Method: 5 ft Macro-core
Ground Elevation (ft/msl): 231.44
Total Depth: 50.0 ft bgs
Logged By: Scott Hauswirth

Depth (Feet)	Recovery (Feet)	PID (ppm)	Sample ID	Sample Interval	Lithology	USCS	Visual Impacts	Geologic Description	Remarks
-26	4.8	0.5				SM		Brown fine to medium SAND, trace silt nodules and clay lenses; wet, loose, hydrocarbon-like odor. Trace hydrocarbon-like sheen at 27 ft bgs.	
-28		0.7							
-30	4.9	22.5						Brown fine to medium SAND; wet, hydrocarbon-like odor.	
-32		0.6							
-34	4.5	21.9						Brown and gray fine to medium SAND; wet, hydrocarbon-like odor.	
-36		9.9	SB14 (38-40)			SM			
-38		8.6						Gray fine to medium SAND, little silt; wet, hydrocarbon-like odor.	
-40	4.5	7.4							
-42	4.5	6.3				ML		Gray SILT, some clay; firm, hydrocarbon-like odor.	
-44		5.4						Boring terminated at 50 ft bgs.	
-46									
-48									
-50									

Tar or NAPL/Tar Saturated Soil Hydrocarbon Staining, Hydrocarbon Sheen or NAPL Blebs

Comments: Soil samples SB14(15-17.5) and SB14(38-40) analyzed for VOCs, SVOCs, TAL metals and total cyanide.
Boring location hand cleared to 3.5 ft bgs on October 31, 2006.

RETEC
1001 West Seneca Street, Suite 204
Ithaca, New York, 14850

Boring ID: SB15

Project Name: Schenectady, Clinton Street MGP Site
Project Number: NIMO2-19711
Date Started/Completed: November 3, 2006
Boring Location: South of Pump House and Retorts
Drilling Company: Aztech Technologies, Inc.

Drilling Method: Direct-push
Sampling Method: 5 ft Macro-core
Ground Elevation (ft/msl): 226.84
Total Depth: 35.0 ft bgs
Logged By: Scott Hauswirth

Depth (Feet)	Recovery (Feet)	PID (ppm)	Sample ID	Sample Interval	Lithology	USCS	Visual Impacts	Geologic Description	Remarks
0	NA	NA				Fill		Asphalt. Road base GRAVEL, some sand. Brown fine-medium SAND, little gravel and brick fragments. White and brown fine SAND and ASH-like material, little clinkers, coal fragments and slag; dry, loose.	
-2									
-4									
-6	0.4	0.3						Brown fine-coarse SAND, some gravel, little ash-like material, coal and brick fragments. Becomes wet at 6 ft bgs.	
-8									
-10	4.8	7.6						Gray and brown fine to medium SAND; wet, black staining from 10-10.2 ft bgs, moderate hydrocarbon-like sheen from 10-12.5 ft bgs, hydrocarbon-like odor throughout.	
-12		4.3							
-14		15.1				SM		Gray and brown fine to medium SAND; wet, hydrocarbon-like odor.	
-16	3.8	29.1							
-18		37.7						Brown fine to medium SAND; wet, hydrocarbon-like odor from 20-24 ft bgs.	
-20	4.8	42.8							
-22		73.4				SM			
-24		146						Hydrocarbon-like odor and sheen from 24-25 ft bgs. Saturated with brown low viscosity NAPL from 24-26.5 ft bgs.	
-26	5.0	705						Brown fine to medium SAND; wet, hydrocarbon-like odor from 26.5-35 ft bgs.	
-28		747							
-30						SM			
-32	5.0	146	SB15 (34-35)						
-34								Boring terminated at 35 ft bgs.	

Tar or NAPL/Tar Saturated Soil Hydrocarbon Staining, Hydrocarbon Sheen or NAPL Blebs

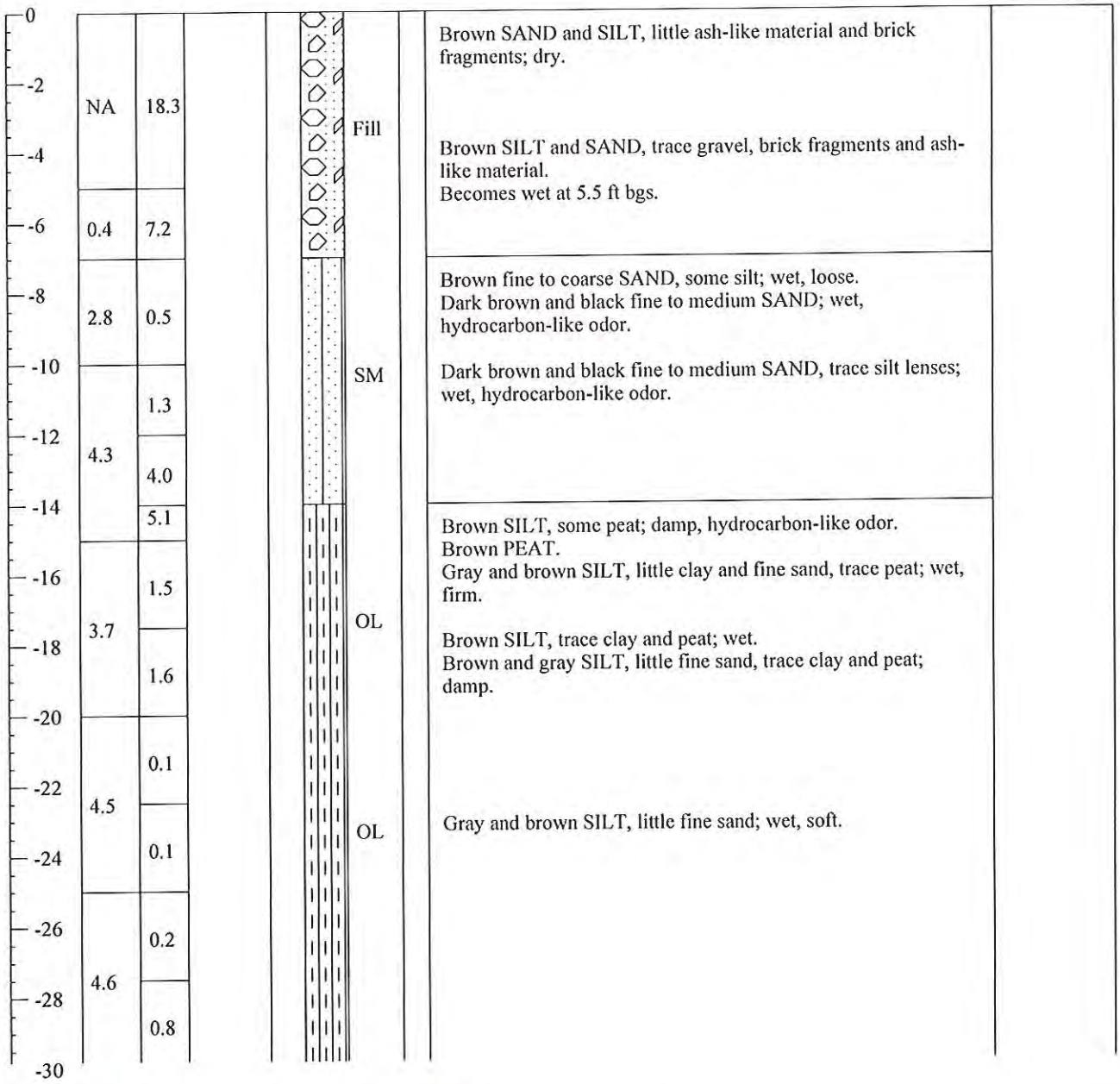
Comments: Soil sample SB15(34-35) analyzed for VOCs, SVOCs, TAL metals and total cyanide.
Boring location hand cleared to 5.0 ft bgs on October 31, 2006.

RETEC
1001 West Seneca Street, Suite 204
Ithaca, New York, 14850

Boring ID: SB16

Project Name: Schenectady, Clinton Street MGP Site
Project Number: NIMO2-19711
Date Started/Completed: November 6, 2006
Boring Location: Near the Retorts
Drilling Company: Aztech Technologies, Inc.

Drilling Method: Direct-push
Sampling Method: 5 ft Macro-core
Ground Elevation (ft/msl): 226.51
Total Depth: 50.0 ft bgs
Logged By: Scott Hauswirth



Tar or NAPL/Tar Saturated Soil Hydrocarbon Staining, Hydrocarbon Sheen or NAPL Blebs

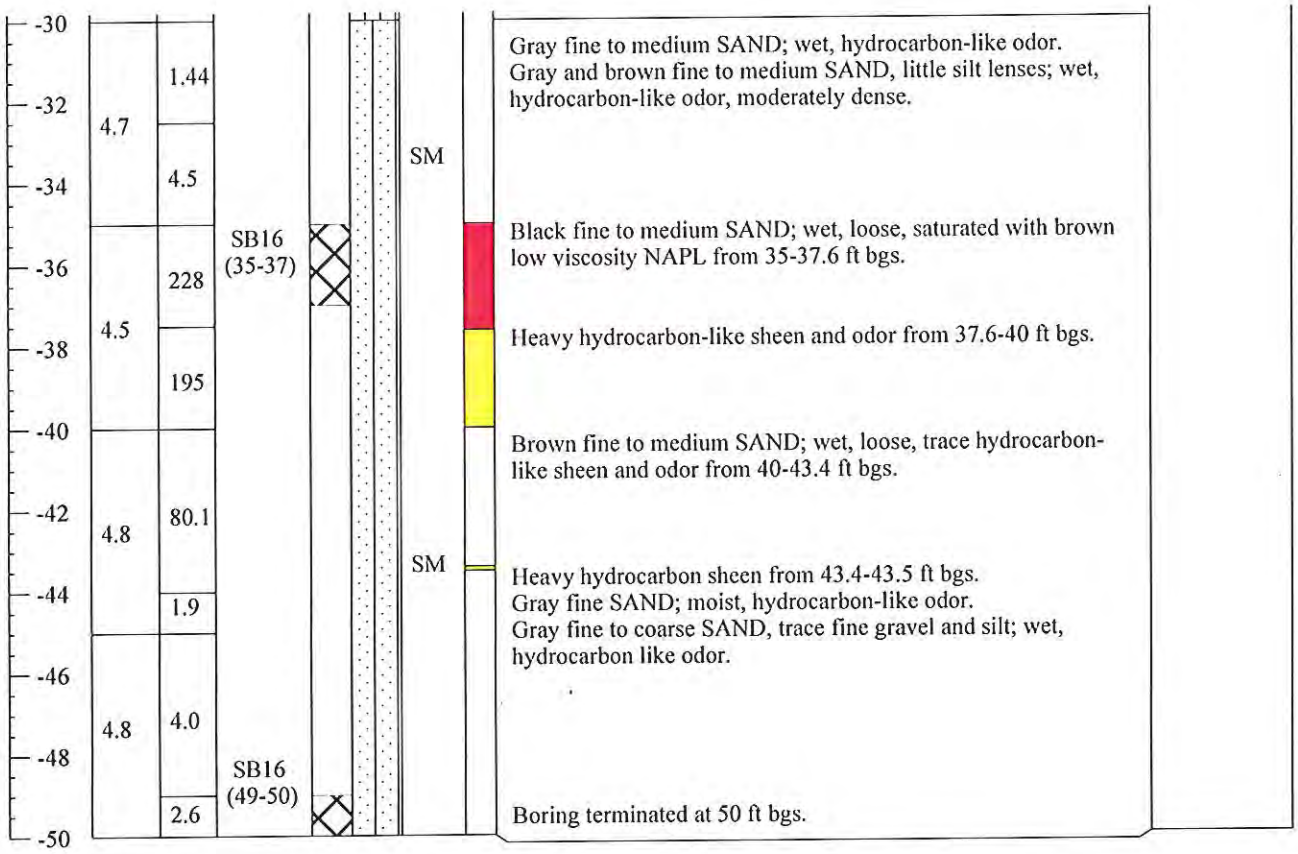
Comments: Soil samples SB16(35-37) and SB16(49-50) analyzed for VOCs, SVOCs, TAL metals and total cyanide.
Boring location hand cleared to 5.0 ft bgs on November 1, 2006.

RETEC
1001 West Seneca Street, Suite 204
Ithaca, New York, 14850

Boring ID: SB16

Project Name: Schenectady, Clinton Street MGP Site
Project Number: NIMO2-19711
Date Started/Completed: November 6, 2006
Boring Location: Near the Retorts
Drilling Company: Aztech Technologies, Inc.

Drilling Method: Direct-push
Sampling Method: 5 ft Macro-core
Ground Elevation (ft/msl): 226.51
Total Depth: 50.0 ft bgs
Logged By: Scott Hauswirth



Tar or NAPL/Tar Saturated Soil Hydrocarbon Staining, Hydrocarbon Sheen or NAPL Blebs

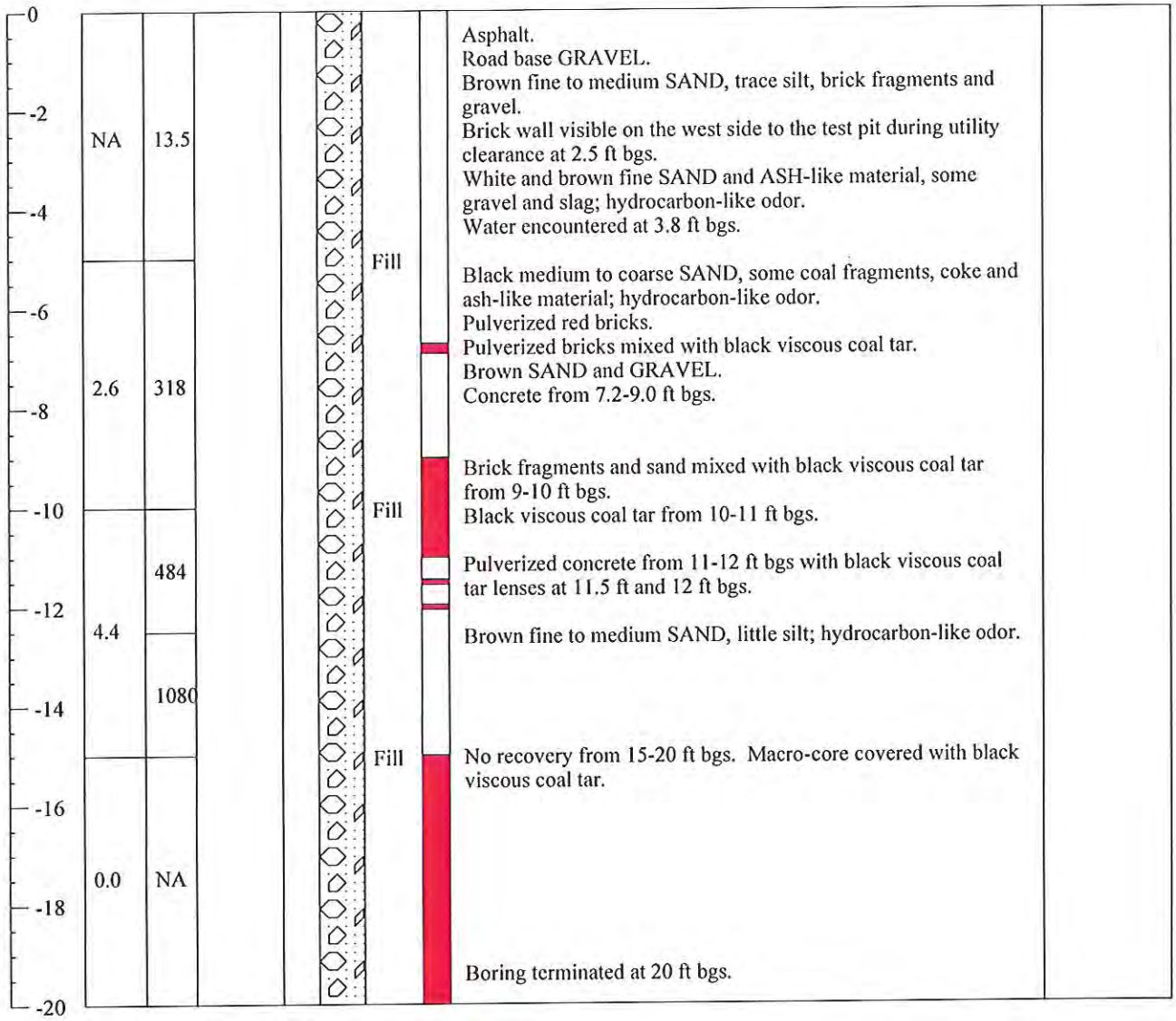
Comments: Soil samples SB16(35-37) and SB16(49-50) analyzed for VOCs, SVOCs, TAL metals and total cyanide.
Boring location hand cleared to 5.0 ft bgs on November 1, 2006.

RETEC
1001 West Seneca Street, Suite 204
Ithaca, New York, 14850

Boring ID: SB17

Project Name: Schenectady, Clinton Street MGP Site
Project Number: NIMO2-19711
Date Started/Completed: November 2, 2006
Boring Location: In the Purifiers
Drilling Company: Aztech Technologies, Inc.

Drilling Method: Direct-push
Sampling Method: 5 ft Macro-core
Ground Elevation (ft/msl): 228.65
Total Depth: 20.0 ft bgs
Logged By: Scott Hauswirth



Tar or NAPL/Tar Saturated Soil Hydrocarbon Staining, Hydrocarbon Sheen or NAPL Blebs

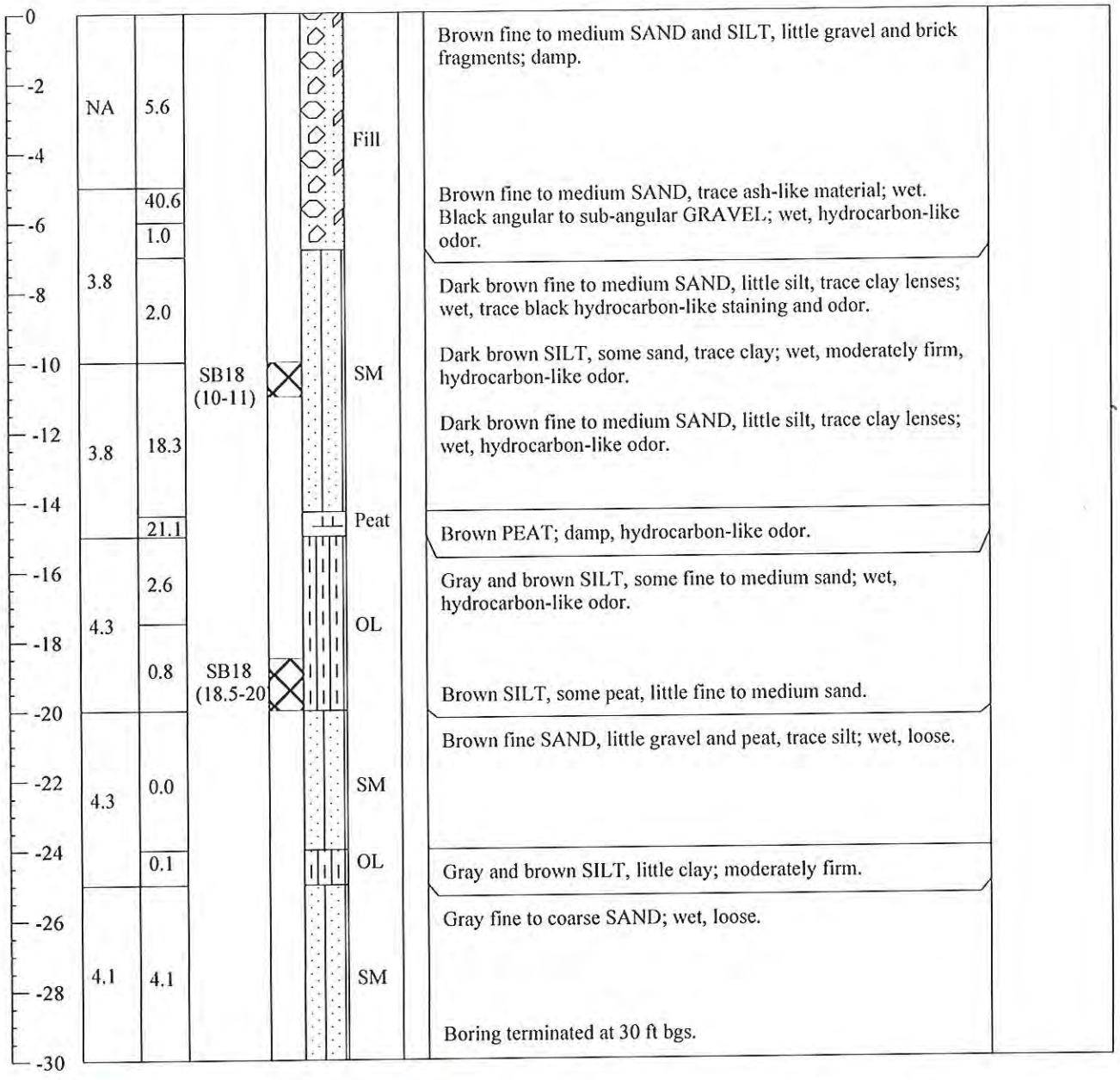
Comments: Boring location hand cleared to 5.0 ft bgs on October 31, 2006.

RETEC
1001 West Seneca Street, Suite 204
Ithaca, New York, 14850

Boring ID: SB18

Project Name: Schenectady, Clinton Street MGP Site
Project Number: NIMO2-19711
Date Started/Completed: November 1, 2006
Boring Location: Near Tar Well B
Drilling Company: Aztech Technologies, Inc.

Drilling Method: Direct-push
Sampling Method: 5 ft Macro-core
Ground Elevation (ft/msl): 225.38
Total Depth: 30.0 ft bgs
Logged By: Scott Hauswirth



Tar or NAPL/Tar Saturated Soil Hydrocarbon Staining, Hydrocarbon Sheen or NAPL Blebs

Comments: Soil samples SB18(10-11) and SB18(18.5-20) were analyzed for VOCs, SVOCs, TAL metals and total cyanide.
Boring location hand cleared to 5.0 ft bgs on November 1, 2006.

RETEC
1001 West Seneca Street, Suite 204
Ithaca, New York, 14850

Well ID: MW8/SB19

Project Name: Schenectady, Clinton Street MGP Site
Project Number: NIMO2-19711
Date Started/Completed: November 2, 2006
Boring Location: North of Tar Wells A and B
Drilling Company: Aztech Technologies, Inc.

Drilling Method: Direct-push and HSA
Sampling Method: 5 ft Macro-core
PVC/Ground Elevation (ft/msl): 225.71 / 225.91
Total Depth: 25.0 ft bgs
Logged By: Scott Hauswirth

Depth (Feet)	Recovery (Feet)	PID (ppm)	Sample ID	Sample Interval	Lithology	USCS	Visual Impacts	Geologic Description	Well Construction Remarks
0	NA	1.4				Fill		Grass. Brown fine to medium SAND; moist.	Flush mounted curb box
-2									
-4									Bentonite seal from 0-4 ft bgs
-6	3.8	2.4						Becomes wet at 5.8 ft bgs.	
-8		362				SM		Black fine to medium SAND, little silt; wet, hydrocarbon-like odor, saturated with black viscous coal tar from 6.9-7.3 ft bgs. Black hardened coal tar from 7.5-9 ft bgs, mixed with trace black moderately viscous NAPL.	#2 filter pack from 4-16 ft bgs
-10	4.8	1680						Black stained fine SAND; wet, hydrocarbon-like odor. Black stained fine SAND, little silt; wet, hydrocarbon-like odor, brown NAPL blebs from 10-12.5 ft bgs.	2", 0.020 slotted PVC screen from 6-16 ft bgs
-12									
-14		1330						Brown and black fine SAND; wet, hydrocarbon-like odor, saturated with brown low viscosity NAPL from 12.5-14 ft bgs.	
-16		2777				OL		Brown SILT; wet, hydrocarbon-like odor, trace brown NAPL blebs from 14-15 ft bgs. Black SILT, some peat; wet, hydrocarbon-like odor, saturated with brown low viscosity NAPL from 15-16 ft bgs. Brown SILT, little fine sand, trace ash-like material; damp, hydrocarbon-like odor.	Well sump with bentonite seal from 16-18 ft bgs
-18	4.4	130							
-20		104						Gray inter-layered medium to fine SAND and SILT; wet, hydrocarbon-like odor.	
-22	4.4	88.1				SM			
-24		6.1	SB19 (23-24.5)					Boring terminated at 25 ft bgs.	

Tar or NAPL/Tar Saturated Soil Hydrocarbon Staining, Hydrocarbon Sheen or NAPL Blebs

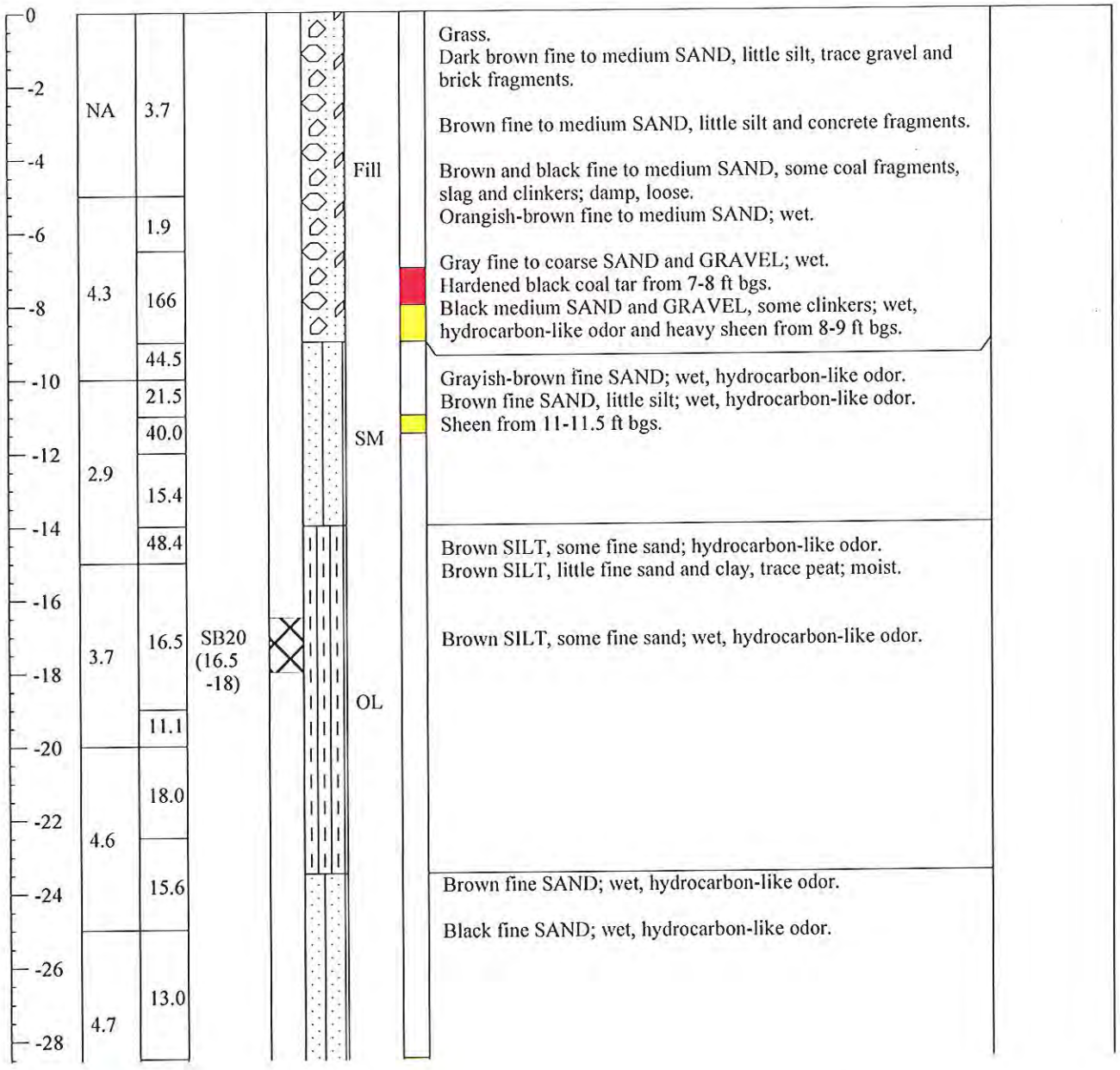
Comments: Soil sample SB19(23-24.5) was analyzed for VOCs, SVOCs, TAL metals and total cyanide.
Boring location hand cleared to 5.0 ft bgs on November 1, 2006.

RETEC
1001 West Seneca Street, Suite 204
Ithaca, New York, 14850

Boring ID: SB20

Project Name: Schenectady, Clinton Street MGP Site
Project Number: NIMO2-19711
Date Started/Completed: November 2, 2006
Boring Location: Near Coke House
Drilling Company: Aztech Technologies, Inc.

Drilling Method: Direct-push
Sampling Method: 5 ft Macro-core
Ground Elevation (ft/msl): 226.57
Total Depth: 40.0 ft bgs
Logged By: Scott Hauswirth



Tar or NAPL/Tar Saturated Soil

Hydrocarbon Staining, Hydrocarbon Sheen or NAPL Blebs

Comments: Soil samples SB20(16.5-18), SB20(30-32.5) and SB20(38.5-40) were analyzed for VOCs, SVOCs, TAL metals and total cyanide.

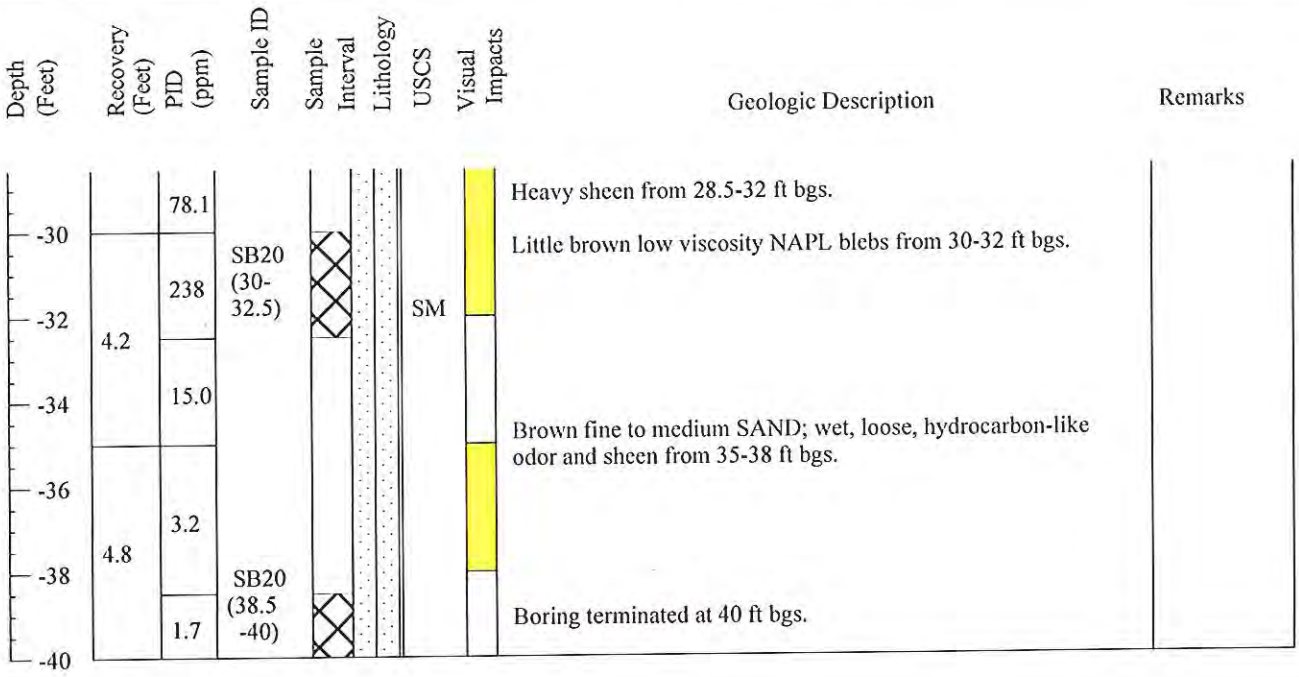
Boring location hand cleared to 5.0 ft bgs on October 31, 2006.

RETEC
1001 West Seneca Street, Suite 204
Ithaca, New York, 14850

Boring ID: SB20

Project Name: Schenectady, Clinton Street MGP Site
Project Number: NIMO2-19711
Date Started/Completed: November 2, 2006
Boring Location: Near Coke House
Drilling Company: Aztech Technologies, Inc.

Drilling Method: Direct-push
Sampling Method: 5 ft Macro-core
Ground Elevation (ft/msl): 226.57
Total Depth: 40.0 ft bgs
Logged By: Scott Hauswirth



Tar or NAPL/Tar Saturated Soil Hydrocarbon Staining, Hydrocarbon Sheen or NAPL Blebs

Comments: Soil samples SB20(16.5-18), SB20(30-32.5) and SB20(38.5-40) were analyzed for VOCs, SVOCs, TAL metals and total cyanide.
Boring location hand cleared to 5.0 ft bgs on October 31, 2006.

RETEC
1001 West Seneca Street, Suite 204
Ithaca, New York, 14850

Well ID: MW10/SB21

Project Name: Schenectady, Clinton Street MGP Site
Project Number: NIMO2-19711
Date Started/Completed: November 1, 2006
Boring Location: East of Gas Hoder B
Drilling Company: Aztech Technologies, Inc.

Drilling Method: Direct-push and HSA
Sampling Method: 5 ft Macro-core
PVC/Ground Elevation (ft/msl): 231.28 / 231.61
Total Depth: 30.0 ft bgs
Logged By: Scott Hauswirth

Depth (Feet)	Recovery (Feet)	PID (ppm)	Sample ID	Sample Interval	Lithology	USCS	Visual Impacts	Geologic Description	Well Construction Remarks
0	NA	0.5				Fill		Grass. Brown fine to medium SAND, little silt, trace brick fragments; dry. Boulders at 1.5-2 ft bgs.	Flush mounted curb box
-2									
-4									Bentonite seal from 0-4 ft bgs
-6	3.4	0.2						Orangish-brown fine to medium SAND, trace silt; dry, loose.	
-8		0.2							#2 filter pack from 4-16 ft bgs
-10			SB21 (9-10)					Becomes wet at 9 ft bgs. Grayish-brown medium SAND; wet.	
-12	2.8	1.2				SM			2", 0.020 slotted PVC screen from 6-16 ft bgs
-14		0.9							
-16	4.8	1.4						Grayish-brown medium SAND; wet.	Well sump with bentonite seal from 16-18 ft bgs
-18		1.1							
-20	4.6	0.1				SM		Brown fine SAND, trace silt; wet, loose.	
-22		1.1							
-24								Brown fine SAND, trace silt; wet, firm.	
-26	4.8	0.0				SM			
-28		0.0						Brown fine to medium SAND; loose, wet. Boring terminated at 30 ft bgs.	
-30									

Tar or NAPL/Tar Saturated Soil Hydrocarbon Staining, Hydrocarbon Sheen or NAPL Blebs

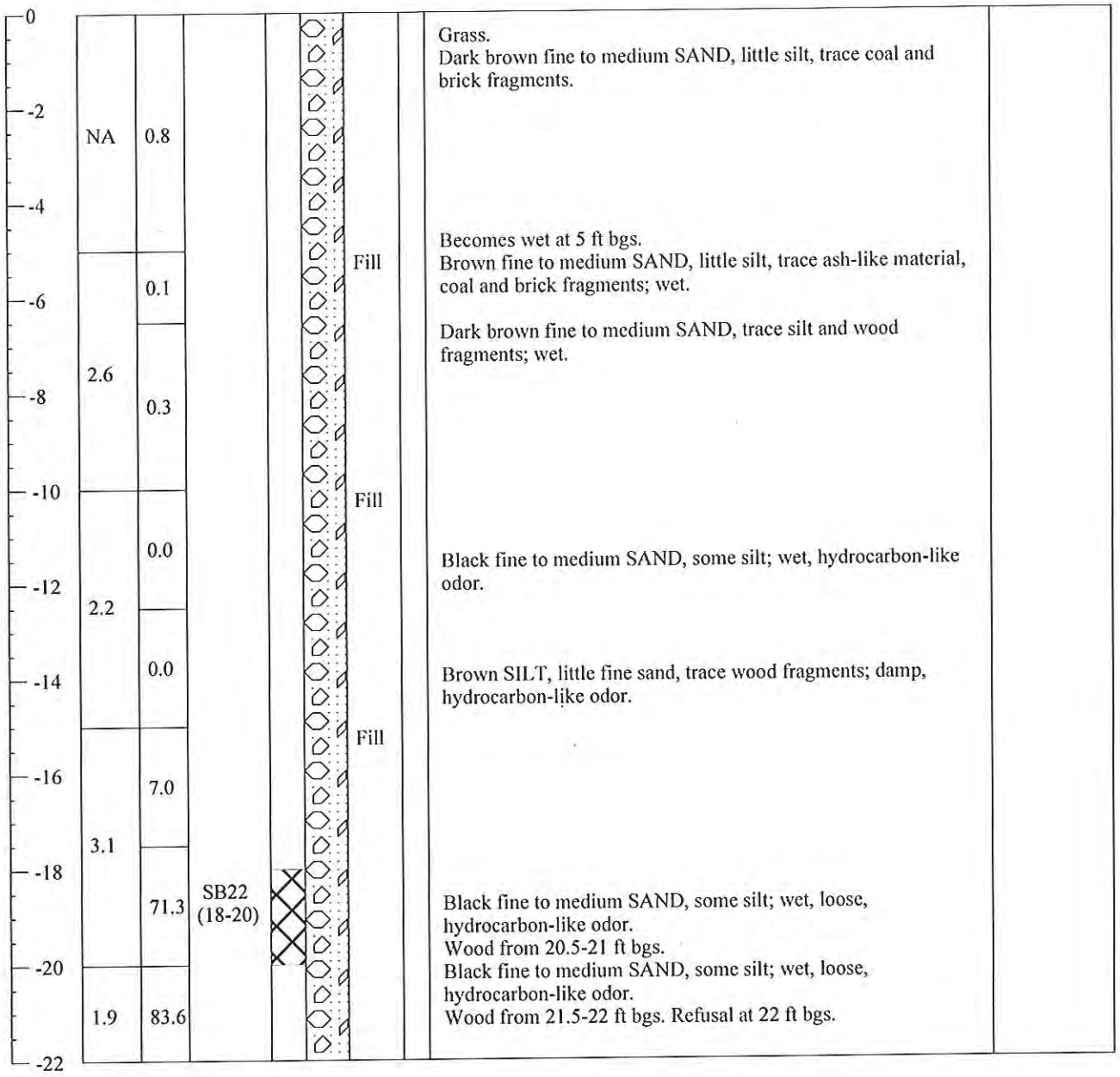
Comments: Soil sample SB21(9-10) was analyzed for VOCs, SVOCs, TAL metals and total cyanide.
Boring location hand cleared to 5.0 ft bgs on November 1, 2006.

RETEC
1001 West Seneca Street, Suite 204
Ithaca, New York, 14850

Boring ID: SB22

Project Name: Schenectady, Clinton Street MGP Site
Project Number: NIMO2-19711
Date Started/Completed: November 3, 2006
Boring Location: Outside of Gas Holder B
Drilling Company: Aztech Technologies, Inc.

Drilling Method: Direct-push
Sampling Method: 5 ft Macro-core
Ground Elevation (ft/msl): 226.21
Total Depth: 22.0 ft bgs
Logged By: Scott Hauswirth



Tar or NAPL/Tar Saturated Soil Hydrocarbon Staining, Hydrocarbon Sheen or NAPL Blebs

Comments: Soil sample SB22(18-20) was analyzed for VOCs, SVOCs, TAL metals and total cyanide.
Boring location hand cleared to 5.0 ft bgs on October 31, 2006.

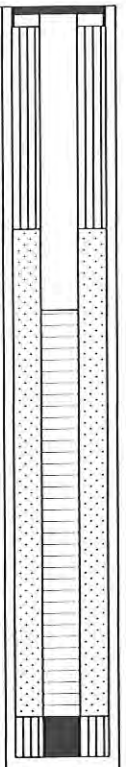
RETEC
1001 West Seneca Street, Suite 204
Ithaca, New York, 14850

Well ID: MW9/SB23

Project Name: Schenectady, Clinton Street MGP Site
Project Number: NIMO2-19711
Date Started/Completed: November 3, 2006
Boring Location: Near Gasoline Pump House/tank
Drilling Company: Aztech Technologies, Inc.

Drilling Method: Direct-push and HSA
Sampling Method: 5 ft Macro-core
PVC/Ground Elevation (ft/msl): 231.14 / 231.45
Total Depth: 30.0 ft bgs
Logged By: Scott Hauswirth

Depth (Feet)	Recovery (Feet)	PID (ppm)	Sample ID	Sample Interval	Lithology	USCS	Visual Impacts	Geologic Description	Well Construction Remarks
0								Grass.	Flush mounted curb box
-2	NA	0.0				Fill		Brown SILT and SAND, trace clay. Boulders from 2-3 ft bgs. Dark brown SILT, some sand, little brick fragments, ash-like material, slag and clinkers.	Bentonite seal from 0-5.5 ft bgs
-4									
-6	3.7	31.6	SB23 (6-7)					Brown fine to medium SAND, some coal and brick fragments, little gravel; moist. Black hydrocarbon-like staining and odor from 6-6.2 ft bgs.	#2 filter pack from 5.5-17.5 ft bgs
-8		6.2							
-10		0.0						Orangish-brown inter-layered fine to medium SAND and SILT layers, trace clay; moist. Becomes wet at 10.5 ft bgs.	
-12	3.8	0.0	SB23 (10-13)			SM		Gray and brown fine to medium SAND, some SILT layers, trace clay; wet, hydrocarbon-like odor.	2", 0.020 slotted PVC screen from 7.5-17.5 ft bgs
-14		0.0							
-16	4.1	0.5							Well sump with bentonite seal from 17.5-18.5 ft bgs
-18		1.0						Grayish-brown SILT, little peat and clay; moist.	
-20	4.7	2.3				OL		Grayish-brown SILT and fine SAND; wet. Grayish-brown SILT, little fine sand, trace clay; moist.	
-22									
-24		3.4						Brown fine to medium SAND, trace silt; wet, loose.	
-26	4.7	3.9				SM			
-28		4.7						Brown fine SAND; wet, firm. Boring terminated at 30 ft bgs.	
-30									



Tar or NAPL/Tar Saturated Soil Hydrocarbon Staining, Hydrocarbon Sheen or NAPL Blebs

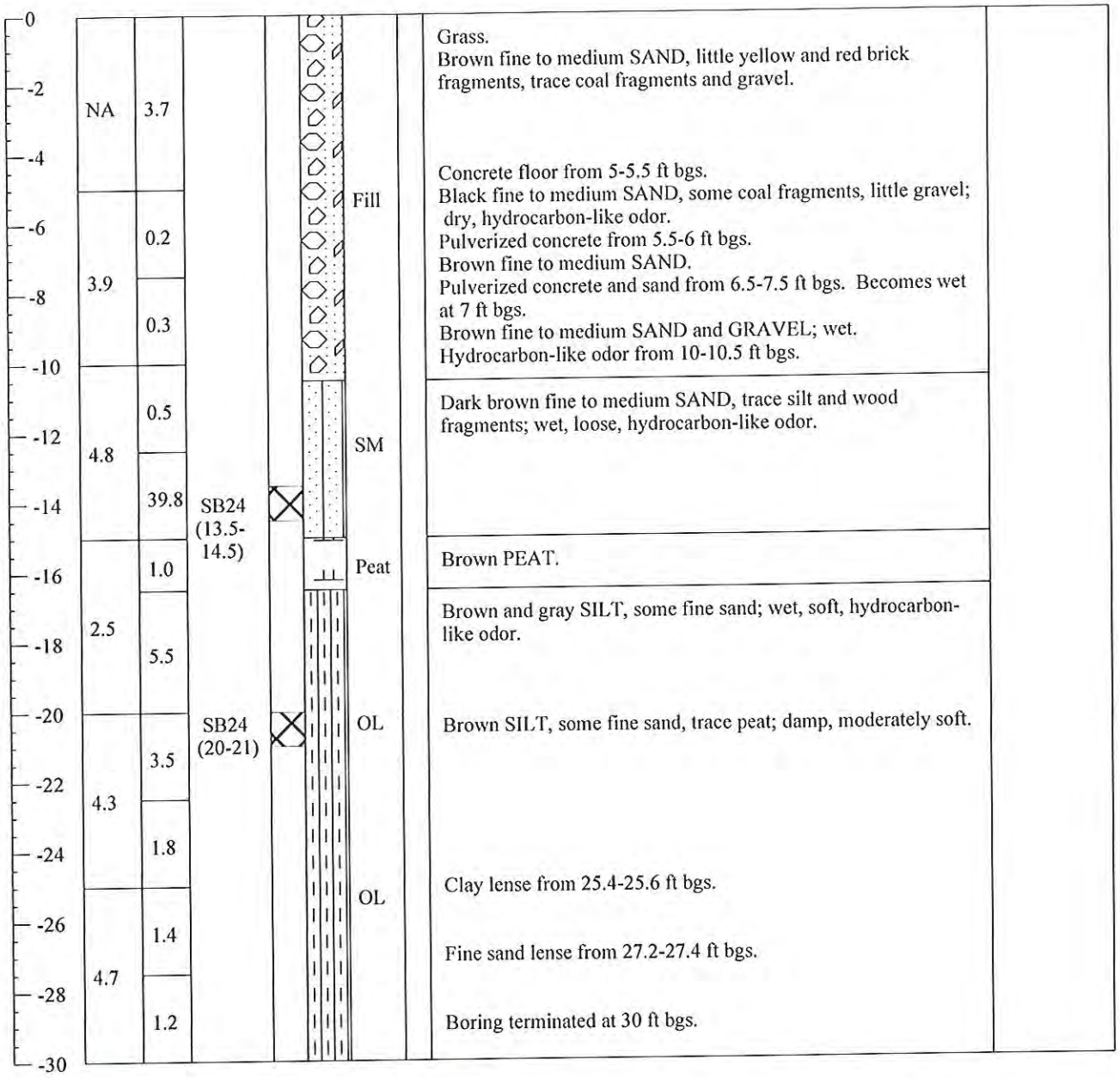
Comments: Soil sample SB23(6-7) and SB23(10-13) were analyzed for VOCs, SVOCs, TAL metals and total cyanide.
Boring location hand cleared to 5.0 ft bgs on October 31, 2006.

RETEC
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Ithaca, New York, 14850

Boring ID: SB24

Project Name: Schenectady, Clinton Street MGP Site
Project Number: NIMO2-19711
Date Started/Completed: November 2, 2006
Boring Location: Tar Well A
Drilling Company: Aztech Technologies, Inc.

Drilling Method: Direct-push
Sampling Method: 5 ft Macro-core
Ground Elevation (ft/msl): 226.26
Total Depth: 30.0 ft bgs
Logged By: Scott Hauswirth



Tar or NAPL/Tar Saturated Soil Hydrocarbon Staining, Hydrocarbon Sheen or NAPL Blebs

Comments: Soil samples SB24(13.5-14.5) and SB24(20-21) were analyzed for VOCs, SVOCs, TAL metals and total cyanide.
Boring location hand cleared to 5.0 ft bgs on November 1, 2006.

RETEC
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Boring ID: SB25

Project Name: Schenectady, Clinton Street MGP Site
Project Number: NIMO2-19711
Date Started/Completed: November 3, 2006
Boring Location: Inside of Gas Holder B
Drilling Company: Aztech Technologies, Inc.

Drilling Method: Direct-push
Sampling Method: 5 ft Macro-core
Ground Elevation (ft/msl): 227.56
Total Depth: 19.8 ft bgs
Logged By: Scott Hauswirth

Depth (Feet)	Recovery (Feet)	PID (ppm)	Sample ID	Sample Interval	Lithology	USCS	Visual Impacts	Geologic Description	Remarks
0	1.3	0.5				Fill		Grass. Dark brown fine to medium SAND and SILT, some gravel and brick fragments; moist, hydrocarbon-like odor.	
-2									
-4								Brown SILT, some sand, little brick fragments; moist.	
-6	2.6	0.0						Becomes wet at 6 ft bgs.	
-8		0.0						Pulverized bricks, little sand and gravel; wet.	
-10	3.4	0.3				Fill		Brown and gray fine SAND, little silt and brick fragments, trace ash-like material; wet, loose.	
-12		0.4							
-14	4.5	1.5				Fill		Black wood from 14.8-15 ft bgs. Dark gray and brown fine SAND, some silt and brick fragments; wet, hydrocarbon-like odor.	
-16									
-18		5.8	SB25 (18-19.5)					Bricks from 19.3-19.5 ft bgs. Black Gravel from 19.5-19.8. Refusal at 19.8 ft bgs.	

Tar or NAPL/Tar Saturated Soil Hydrocarbon Staining, Hydrocarbon Sheen or NAPL Blebs

Comments: Soil sample SB25(18-19.5) was analyzed for VOCs, SVOCs, TAL metals and total cyanide.
Boring location inside of test pit TP7(06).

Test Pit Log

TP5(06)(2)

RETEC PROJECT NO: NIMO2-19711	TEST PIT DESIGNATION: TP5(06)
CLIENT: National Grid	SITE LOCATION OR AREA: Tar Well A
SITE NAME: Clinton Street Former MGP	EQUIPMENT USED: Track-mounted Mini Excavator
GEOLOGIST: Jesse Lloyd	OPERATOR: MC Environmental
DEPTH WATER ENCOUNTERED: NA	TOTAL DEPTH: 5.3 ft bgs

SURFACE ELEVATION: 226.3 ft msl
START DATE: 11/1/06
FINISH DATE: 11/1/06
START TIME: NA
FINISH TIME: NA

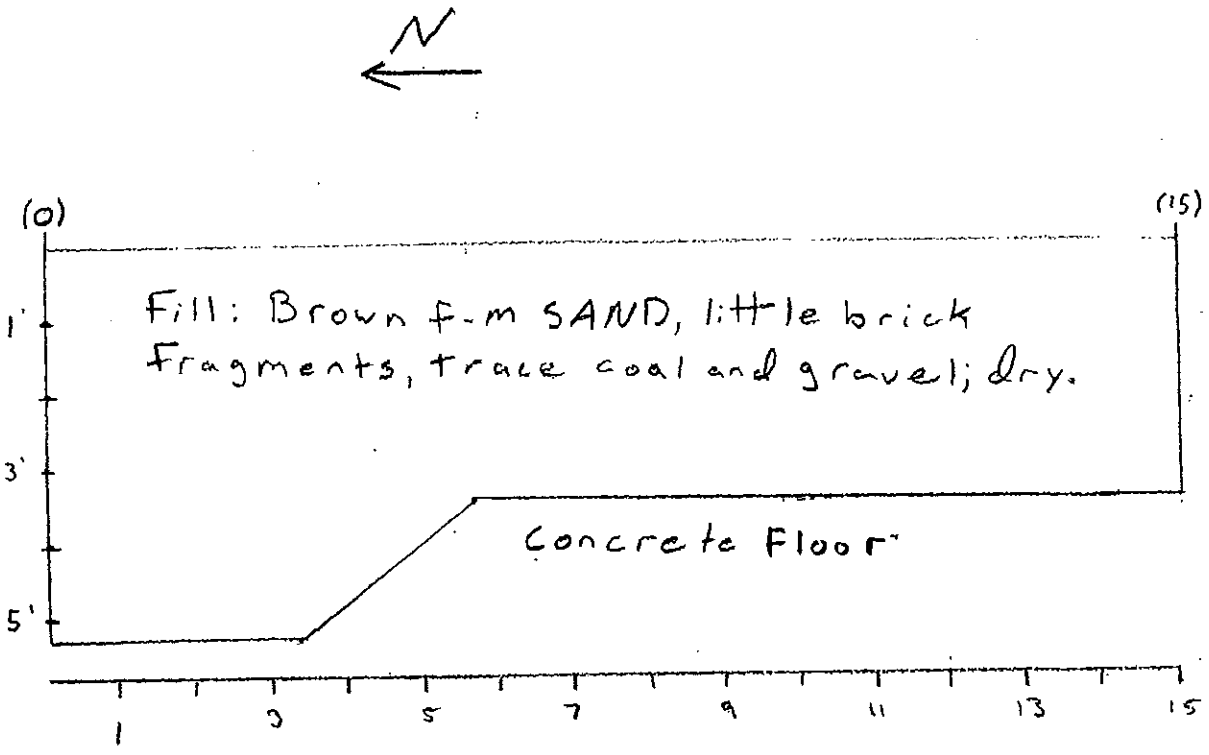
DEPTH (FEET)	SAMPLE DEPTH (FEET)	PID HEADSPACE (PPM)	SOIL LITHOLOGY USCS	SOIL CLASS USCS	SOIL DESCRIPTION LOG	STRUCTURES ENCOUNTERED OR COMMENTS
1		0.8		Fill	Brown SAND, little brick fragments, trace coal fragments and gravel; dry.	
2						
3		1.4		Fill	Brown fine to medium SAND, some brick fragments, little silt, trace coal fragments; dry.	
4						
5		2.2		Fill	Concrete floor.	Concrete floor at 5.3 ft bgs.
					Bottom of Test Pit	

Comments: bgs = below ground surface

Key: TP(5) Designation (06) Date (2) Horizontal distance along test pit length from starting point

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Suite 204
Ithaca New York 14850

RETEC	Test Pit Plan View	TP5(06)
RETEC PROJECT N NIMO2-19711	TEST PIT DESIGNATION: TP5(06)	SURFACE ELEVATION: 226.3 ft msl
CLIENT: National Grid	SITE LOCATION OR AREA: Tar Well A	START DATE: 11/1/06
SITE NAME: Clinton Street Former MGP	EQUIPMENT USED: Track-mounted Mini Excavator	FINISH DATE: 11/1/06
GEOLOGIST: Jesse Lloyd	OPERATOR: MC Environmental	START TIME: NA
DEPTH WATER ENCOUNTERED: NA	TOTAL DEPTH: 5.3 ft bgs	FINISH TIME: NA



Comments:

The RETEC Group, Inc.
1001 West Seneca Street
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Ithaca New York 14850

Test Pit Log

TP6(06)(12)

RETEC PROJECT NO: NIMO2-19711	TEST PIT DESIGNATION: TP6(06)	SURFACE ELEVATION: 225.5 ft msl
CLIENT: National Grid	SITE LOCATION OR AREA: Tar Well B	START DATE: 11/2/06
SITE NAME: Clinton Street Former MGP	EQUIPMENT USED: Track-mounted Mini Excavator	FINISH DATE: 11/2/06
GEOLOGIST: Jesse Lloyd	OPERATOR: MC Environmental	START TIME: NA
DEPTH WATER ENCOUNTERED: 6.8 ft bgs	TOTAL DEPTH: 7.0 ft bgs	FINISH TIME: NA

DEPTH (FEET)	SAMPLE DEPTH (FEET)	PID HEADSPACE (PPM)	SOIL LITHOLOGY USCS	SOIL CLASS USCS	SOIL DESCRIPTION LOG	STRUCTURES ENCOUNTERED OR COMMENTS
1		0.3		Fill	Brown and light brown fine to medium SAND, trace gravel; dry.	
2						
3		0.8		Fill		
4						
5		2.3		Fill		
6		11.1			Black and gray fine to medium SAND, little gravel and slag, trace silt and ashes; wet, slight hydrocarbon-like odor.	Water running into test pit at 6.8 ft bgs.
7					**Bottom of Test Pit**	

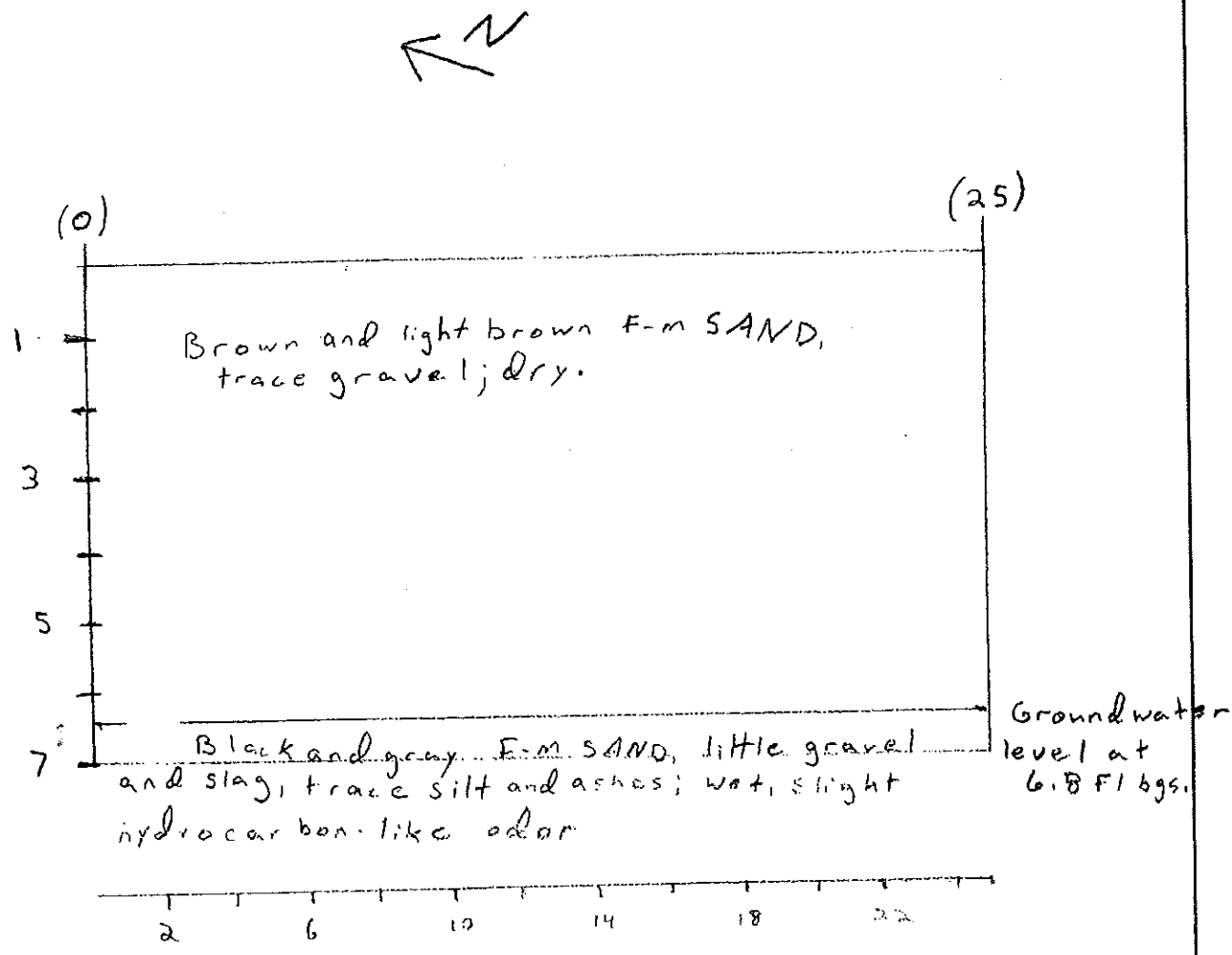
Comments: bgs = below ground surface
Sample TP6(7)(Horz 15) analyzed for VOC, SVOC, TAL Metals and Total CN.
Key: TP(6) Designation (06) Date (12) Horizontal distance along test pit length from starting point

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RETEC — Test Pit Plan View

TP6(06)

RETEC PROJECT N NIM01-19711	TEST PIT DESIGNATION: TP6(06)	SURFACE ELEVATION: 325.5 ft msl
CLIENT: National Grid	SITE LOCATION OR AREA: Tar Well B	START DATE: 11/1/06
SITE NAME: Clinton Street Former MGP	EQUIPMENT USED: Track-mounted Mini Excavator	FINISH DATE: 11/1/06
GEOLOGIST: Jesse Lloyd	OPERATOR: MC Environmental	START TIME: NA
DEPTH WATER ENCOUNTERED: 6.8 ft bgs	TOTAL DEPTH: 7.0 ft bgs	FINISH TIME: NA



Comments:

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RETEC Test Pit Log

TP7(06)(11)

RETEC PROJECT NO: NIMO2-19711	TEST PIT DESIGNATION: TP7(06)
CLIENT: National Grid	SITE LOCATION OR AREA: Gas Holder B
SITE NAME: Clinton Street Former MGP	EQUIPMENT USED: Rubber Tired Backhoe
GEOLOGIST: Jesse Lloyd	OPERATOR: MC Environmental
DEPTH WATER ENCOUNTERED: 8 ft bgs	TOTAL DEPTH: 11 ft bgs
	SURFACE ELEVATION: 228 ft msl
	START DATE: 10/31/06
	FINISH DATE: 10/31/06
	START TIME: NA
	FINISH TIME: NA

DEPTH (FEET)	SAMPLE DEPTH (FEET)	PID HEADSPACE (PPM)	SOIL LITHOLOGY USCS	SOIL CLASS USCS	SOIL DESCRIPTION LOG	STRUCTURES ENCOUNTERED OR COMMENTS
1		0.1		Fill	Brown fine to medium SAND, trace silt; dry.	
2				Fill	Brown fine to medium SAND, trace silt, gravel and ashes; dry.	Outer brick foundation of Gas Holder B, approximately 3 ft thick from 2-11 ft bgs.
3		0.5			Pieces of black hardened coal tar from 3.5-5.0 ft bgs.	
4					Brown fine to medium SAND, trace silt, gravel and ashes; dry.	
5		0.8		Fill		
6					Brown fine to medium SAND, trace silt, gravel and ashes; damp.	
7		1.9		Fill		
8					Black fine to medium SAND, little silt and gravel, trace brick fragments; wet, hydrocarbon-like odor. Trace yellow low-viscosity NAPL. Slight hydrocarbon-like sheen on water surface.	Pit filling with water at 8 ft bgs.
9		11.6			Brown fine to medium SAND, little silt and gravel; wet, hydrocarbon -like odor, trace hydrocarbon-like sheen.	
10				Fill	Brown and black fine to medium SAND, trace gravel and silt; wet, hydrocarbon-like odor.	
11		8.9				Bottom of brick foundation was not found.

Bottom of Test Pit

Comments: bgs = below ground surface
Soil sample TP7S(7.5)(HORZ 0-10) was analyzed for VOCs, SVOCs, TAL metals and total cyanide.

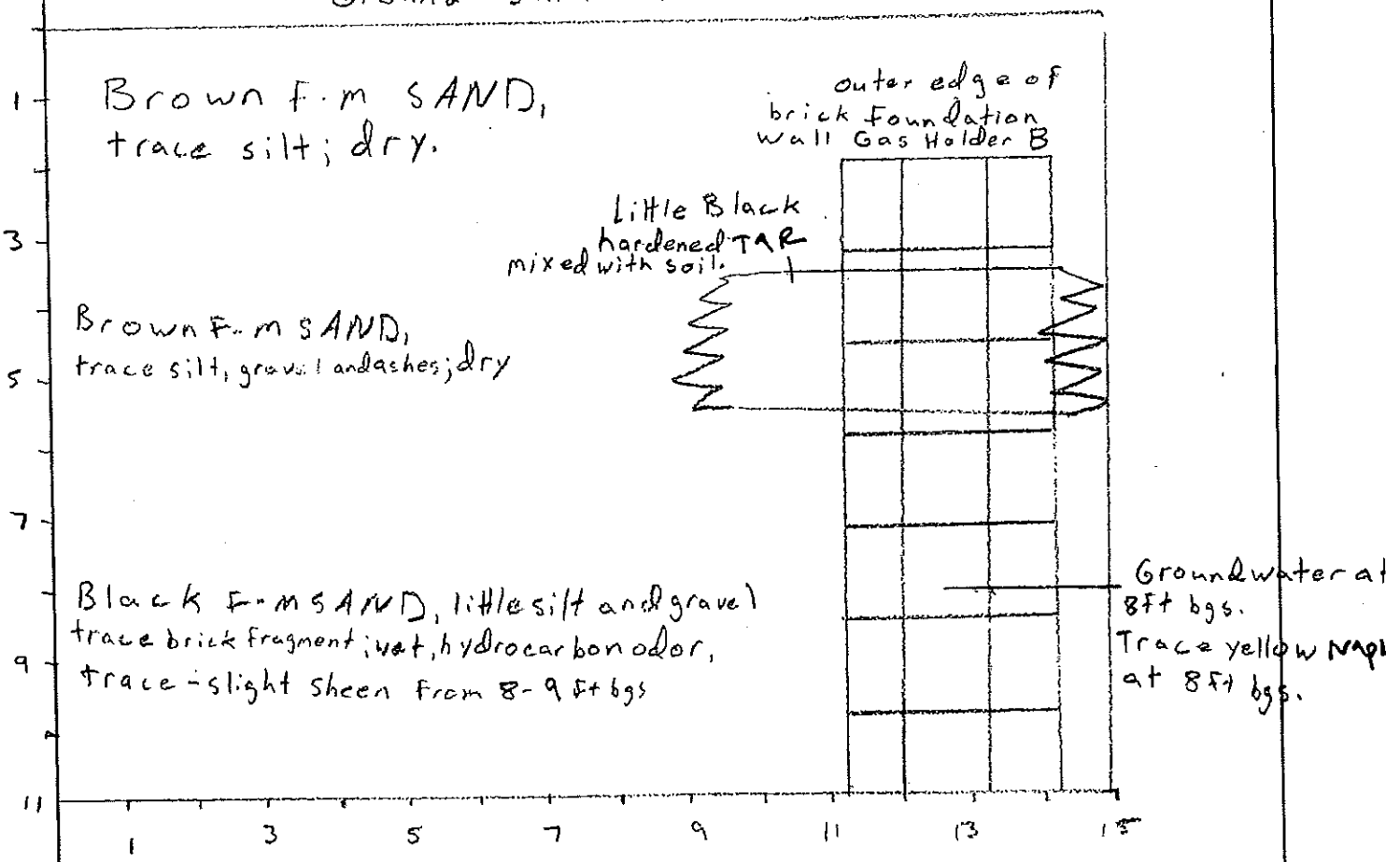
Key: TP(7) Designation (06) Date (11) Horizontal distance along test pit length from starting point

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Test Pit Plan View

TP7(06)

RETEC PROJECT NRETEC Project # NIMO2-19711	TEST PIT DESIGNATION: TP7(06)	SURFACE ELEVATION: 228 ft msl
CLIENT: Client: National Grid	SITE LOCATION OR AREA: Gas Holder B	START DATE: 10/31/06
SITE NAME: Clinton St. Former MGP Site	EQUIPMENT USED: Rubber Tired Back-hoe	FINISH DATE: 10/31/06
GEOLOGIST: Geologist: Jesse Lloyd	OPERATOR: MC Environmental	START TIME: NA
DEPTH WATER ENCOUNTERED: 8 ft bgs	TOTAL DEPTH: 11 ft bgs	FINISH TIME: NA



Comments:

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RETEC Test Pit Log

TP8(06)(13)

RETEC PROJECT NO: NIMO2-19711	TEST PIT DESIGNATION: TP8(06)
CLIENT: National Grid	SITE LOCATION OR AREA: Gas Holders A and C
SITE NAME: Clinton Street Former MGP	EQUIPMENT USED: Rubber Tired Back Hoe
GEOLOGIST: Jesse Lloyd	OPERATOR: MC Environmental
DEPTH WATER ENCOUNTERED: NA	TOTAL DEPTH: 11 ft bgs

SURFACE ELEVATION: 244 ft msl
START DATE: 11/1/06
FINISH DATE: 11/1/06
START TIME: NA
FINISH TIME: NA

DEPTH (FEET)	SAMPLE DEPTH (FEET)	PID HEADSPACE (PPM)	SOIL LITHOLOGY USCS	SOIL CLASS USCS	SOIL DESCRIPTION LOG	STRUCTURES ENCOUNTERED OR COMMENTS
1		0.2		Fill	Brown SAND, little gravel, trace ashes, brick and coal fragments; dry.	
2				Fill	Brown SAND, little gravel, trace ashes, brick and coal fragments; dry.	From TP8(10)-(13), flagstone wall from 3 to 8.5 ft bgs. From TP8(13)-(13.5), brick wall foundation from 3 to 8.5 ft bgs. This is the foundation wall for Gas Holder A.
3		0.1				
4					Brown SAND, little gravel, trace ashes, brick and coal fragments; dry.	
5		0.0		Fill		
6					Brown SAND, little gravel, trace ashes, brick and coal fragments; dry.	
7		0.2		Fill		
8					Brown SAND, little gravel, trace ashes, brick and coal fragments; dry.	
9		0.1		Fill		
10					Brown SAND, little gravel, trace ashes, brick and coal fragments; dry.	
11		0.2			Brick floor.	Brick floor of Gas Holder A.

Comments: bgs = below ground surface

Bottom of Test Pit

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RETEC — Test Pit Log

TP8(06)(26)

RETEC PROJECT NO: NIMO2-19711		TEST PIT DESIGNATION: TP8(06)	SURFACE ELEVATION: 236 ft msl
CLIENT: National Grid		SITE LOCATION OR AREA: Gas Holders A and C	START DATE: 11/1/06
SITE NAME: Clinton Street Former MGP		EQUIPMENT USED: Rubber Tired Back Hoe	FINISH DATE: 11/1/06
GEOLOGIST: Jesse Lloyd		OPERATOR: MC Environmental	START TIME: NA
DEPTH WATER ENCOUNTERED: NA		TOTAL DEPTH: 8.5 ft bgs	FINISH TIME: NA

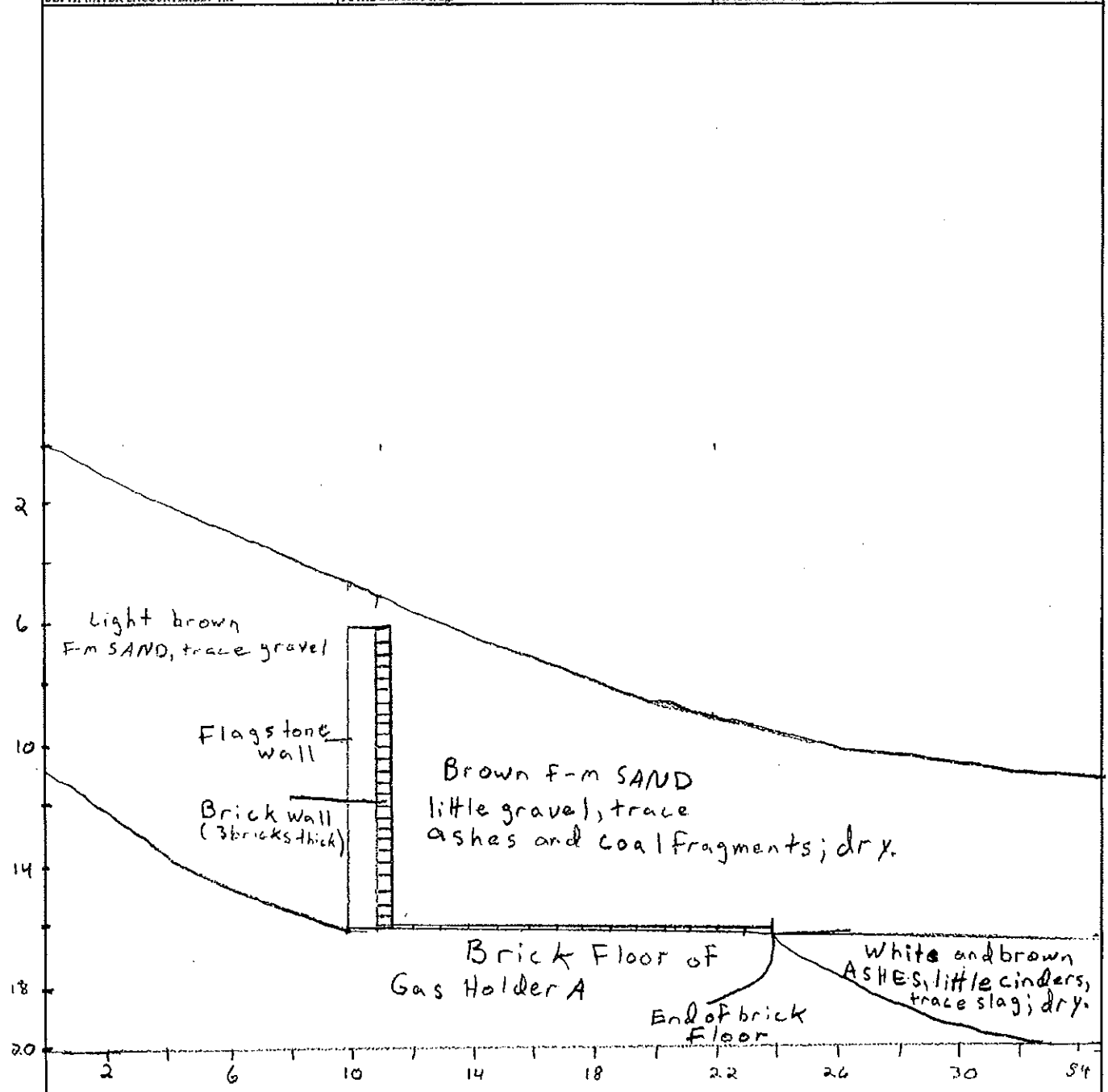
DEPTH (FEET)	SAMPLE DEPTH (FEET)	PID HEADSPACE (PPM)	SOIL LITHOLOGY USCS	SOIL CLASS USCS	SOIL DESCRIPTION LOG	STRUCTURES ENCOUNTERED OR COMMENTS
1		0.2		Fill	Brown SAND, little gravel, trace ashes, brick and coal fragments; dry.	
2				Fill		
3		0.1			Brown SAND, little gravel, trace ashes, brick and coal fragments; dry.	
4						
5		0.0		Fill	Brown SAND, little gravel, trace ashes, brick and coal fragments; dry.	
6						
7		0.2		Fill	Brown SAND, little gravel, trace ashes, brick and coal fragments; dry.	
8		0.5			White and brown ASHES, little cinders, trace slag; dry.	Brick floor of Gas Holder A ends at TP 8(06) (24) at 8 ft bgs.

Comments: bgs = below ground surface

Bottom of Test Pit

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RETEC	Test Pit Plan View	TP8(06)
RETEC PROJECT N RETEC Project # NIMO2-19711	TEST PIT DESIGNATION: TP8(06)	SURFACE ELEVATION: 247-236 ft msl
CLIENT: National Grid	SITE LOCATION OR AREA: Gas Holders A and C	START DATE: 11/1/06
SITE NAME: Clinton St. Former MGP Site	EQUIPMENT USED: Rubber Tired Back-hoe	FINISH DATE: 11/1/06
GEOLOGIST: Jesse Lloyd	OPERATOR: MC Environmental	START TIME: NA
DEPTH WATER ENCOUNTERED: NA	TOTAL DEPTH: 9 ft bgs	FINISH TIME: NA



Comments:

The RETEC Group, Inc.
1001 West Seneca Street
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Ithaca New York 14850

RETEC Test Pit Log

TP9(06)(2)

RETEC PROJECT NO: NIMO2-19711		TEST PIT DESIGNATION: TP9(06)	SURFACE ELEVATION: 233.1 ft msl
CLIENT: National Grid		SITE LOCATION OR AREA: Gas Holder C	START DATE: 11/2/06
SITE NAME: Clinton Street Former MGP		EQUIPMENT USED: Track-mounted Mini Excavator	FINISH DATE: 11/2/06
GEOLOGIST: Jesse Lloyd		OPERATOR: MC Environmental	START TIME: NA
DEPTH WATER ENCOUNTERED: NA		TOTAL DEPTH: 3.0 ft bgs	FINISH TIME: NA

DEPTH (FEET)	SAMPLE DEPTH (FEET)	PID HEADSPACE (PPM)	SOIL LITHOLOGY USCS	SOIL CLASS USCS	SOIL DESCRIPTION LOG	STRUCTURES ENCOUNTERED OR COMMENTS
1		0.4		Fill	Brown fine to medium SAND, trace silt, brick fragments and ashes; dry.	
2		1.3				Concrete floor of Gas Holder C at 3 ft bgs from TP9(06)(0)- (18).
3				Fill	Concrete floor.	
					Bottom of Test Pit	

Comments: bgs = below ground surface

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1001 West Seneca Street
Suite 204
Ithaca New York 14850

RETEC Test Pit Log

TP9(06)(18)

RETEC PROJECT NO: NIMO2-19711		TEST PIT DESIGNATION: TP9(06)	SURFACE ELEVATION: 231.4 ft msl
CLIENT: National Grid		SITE LOCATION OR AREA: Gas Holder C	START DATE: 11/2/06
SITE NAME: Clinton Street Former MGP		EQUIPMENT USED: Track-mounted Mini Excavator	FINISH DATE: 11/2/06
GEOLOGIST: Jesse Lloyd		OPERATOR: MC Environmental	START TIME: NA
DEPTH WATER ENCOUNTERED: NA		TOTAL DEPTH: 4.0 ft bgs	FINISH TIME: NA

DEPTH (FEET)	SAMPLE DEPTH (FEET)	PID HEADSPACE (PPM)	SOIL LITHOLOGY USCS	SOIL CLASS USCS	SOIL DESCRIPTION LOG	STRUCTURES ENCOUNTERED OR COMMENTS
1		0.9		Fill	Brown fine to medium SAND, trace silt, brick fragments and ashes; dry.	
2						
3		1.2		Fill	Brown fine to medium SAND, little ashes, trace silt and brick fragments; dry.	Outer brick ring of Gas Holder C at 3 ft bgs. The outer ring is approximately 2 feet thick.
4						
					Bottom of Test Pit	

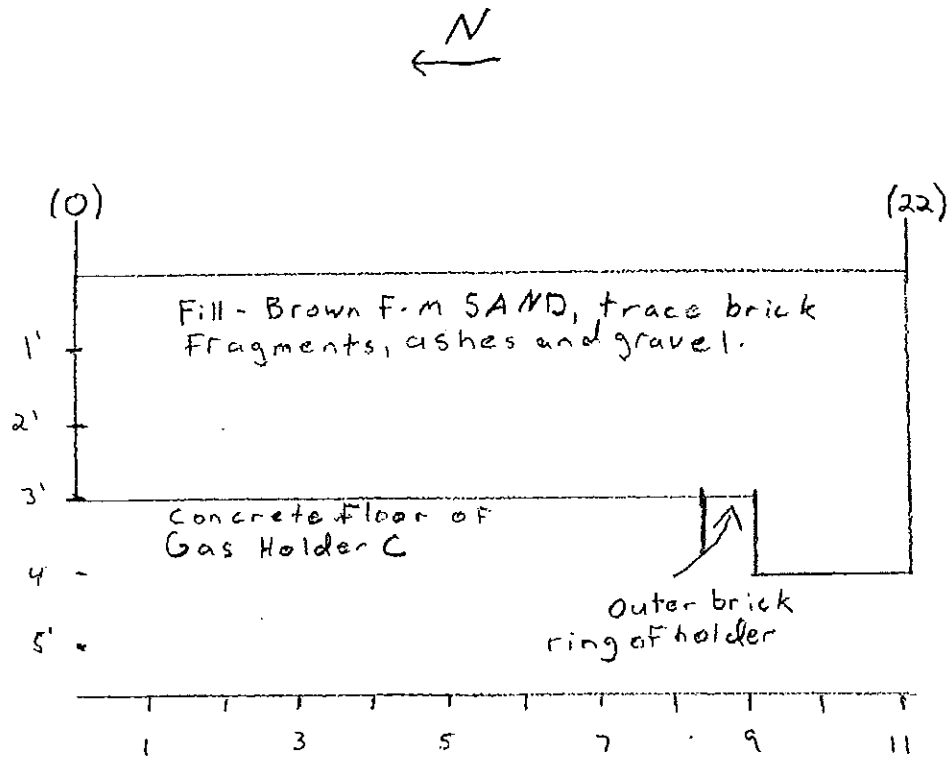
Comments: bgs = below ground surface

The RETEC Group, Inc.
1001 West Seneca Street
Suite 204
Ithaca New York 14850

Test Pit Plan View

TP9(06)

RETEC PROJECT N NIMO2-19711	TEST PIT DESIGNATION: TP9(06)	SURFACE ELEVATION: 233 ft msl
CLIENT: National Grid	Location: Gas Holder C	START DATE: 11/1/06
SITE NAME: Clinton Street former MGP Site	EQUIPMENT USED: Track mounted Mini Excavator	FINISH DATE: 11/1/06
GEOLOGIST: Jesse Lloyd	OPERATOR: Sevenson Environmental	START TIME: NA
DEPTH WATER ENCOUNTERED: NA	TOTAL DEPTH: 4 ft bgs	FINISH TIME: NA



Comments:

The RETEC Group, Inc.
1001 West Seneca Street
Suite 204
Ithaca New York 14850

AECOM Borelogs and Test Pit Logs - 2008

July 2009

AECOM
1001 West Seneca Street, Suite 204
Ithaca, New York, 14850

Well ID: MW11D/SB26

Project Name: Schenectady Clinton Street MGP Site
Project Number: 04980-011
Date: October 29, 2008
Boring Location: East side of Broadway, west of SMHA apt. bldg.
Drilling Company: Geologic NY, Inc.

Drilling Method: Sonic
PVC Elevation (ft/msl, NAVD 88): 226.09
Ground Elevation (ft/msl, NAVD 88): 226.51
Total Depth: 75.0 ft bgs
Logged By: Jesse Lloyd

Depth (Feet)	Blow Counts	Recovery (Feet)	PID (ppm)	Sample ID	Sample Interval	Lithology	USCS	Visual Impacts	Geologic Description	Remarks	Well Construction
0			0.0				Fill		Brown medium to coarse SAND, some silt and cobbles; dry.	Flush mounted curb box	
			0.0						Brown medium to coarse SAND, some brick fragments; moist.		
-2	NA	NA	0.0						Large cobble from 2-3 ft bgs.	Boring pre-cleared to 5 ft bgs by hand methods.	
			0.0						Brown medium to coarse SAND, some silt, cobbles, and brick fragments; dry.		
-4			0.0								
	6 4 1 1						SM		Orange fine to medium SAND; wet.		
-6		1.3	0.4								
	1 1 1 2									Cement bentonite grout from 1-28 ft bgs	
-8		1.3	0.5						Brown fine to medium SAND; wet.		
									Gray fine SAND; wet.		
-10											
-12		4.0	0.1								
-14											
							PT		PEAT; wet.		
-16							OL		Gray SILT, little peat, trace fine sand; wet, firm.		
		3.5	0.5								
-18											
-20											
									Gray SILT, little peat, trace fine sand; wet, firm.		
-22		1.0	0.4								
-24											

Coal Tar or Coal Tar NAPL Saturated Soil

Hydrocarbon Staining, Hydrocarbon Sheen or NAPL Blebs

Comments: Soil sample SB26(08)(35-37.5) was analyzed for VOCs, SVOCs, TAL metals, and total cyanide.

AECOM
1001 West Seneca Street, Suite 204
Ithaca, New York, 14850

Well ID: MW11D/SB26

Project Name: Schenectady Clinton Street MGP Site
Project Number: 04980-011
Date: October 29, 2008
Boring Location: East side of Broadway, west of SMHA apt. bldg.
Drilling Company: Geologic NY, Inc.

Drilling Method: Sonic
PVC Elevation (ft/msl, NAVD 88): 226.09
Ground Elevation (ft/msl, NAVD 88): 226.51
Total Depth: 75.0 ft bgs
Logged By: Jesse Lloyd

Depth (Feet)	Blow Counts Recovery (Feet)	PID (ppm)	Sample ID	Sample Interval	Lithology	USCS	Visual Impacts	Geologic Description	Well Remarks	Well Construction
-26		0.1				OL		Wood from 27-28 ft bgs.		
-28	3.5	0.0				SM		Gray fine SAND; wet.	Bentonite seal from 28-30 ft bgs	
-30		0.3							Sand pack from 30-42 ft bgs	
-32	2.0	0.0						Brown fine SAND; wet.	2", 0.020 slotted PVC screen from 32-42 ft bgs	
-34										
-36		4.1	SB26 (35-37.5)					Brown fine to medium SAND; wet.		
-38	4.5	0.1								
-40						SM				
-42	4.5	0.1						Brown fine SAND; wet.	Well sump with bentonite seal from 42-44 ft bgs	
-44										
-46		NA						No recovery from 45-50 ft bgs.		
-48	0.0	NA								
-50								Brown fine to medium SAND; wet.		

Coal Tar or Coal Tar NAPL Saturated Soil

Hydrocarbon Staining, Hydrocarbon Sheen or NAPL Blebs

Comments: Soil sample SB26(08)(35-37.5) was analyzed for VOCs, SVOCs, TAL metals, and total cyanide.

AECOM
1001 West Seneca Street, Suite 204
Ithaca, New York, 14850

Well ID: MW11D/SB26

Project Name: Schenectady Clinton Street MGP Site
Project Number: 04980-011
Date: October 29, 2008
Boring Location: East side of Broadway, west of SMHA apt. bldg.
Drilling Company: Geologic NY, Inc.

Drilling Method: Sonic
PVC Elevation (ft/msl, NAVD 88): 226.09
Ground Elevation (ft/msl, NAVD 88): 226.51
Total Depth: 75.0 ft bgs
Logged By: Jesse Lloyd

Depth (Feet)	Blow Counts Recovery (Feet)	PID (ppm)	Sample ID	Sample Interval	Lithology	USCS	Visual Impacts	Geologic Description	Remarks	Well Construction
-52	5.0	0.1				SM		Brown fine to medium SAND; wet.		
-54		0.0						Brown fine to medium SAND, trace gravel; wet.		
-56	4.5	0.2								
-58		0.1						Brown fine to medium SAND; wet.		
-60	5.0	0.1				SM		Gray fine SAND, little silt; wet.		
-62		0.2						Gray fine SAND; wet.		
-64	5.0	0.0								
-66		0.1						Gray fine SAND; wet, firm.		
-68	4.5	0.0						Boring terminated at 75 ft bgs.		
-70										
-72										
-74										

Coal Tar or Coal Tar NAPL Saturated Soil

Hydrocarbon Staining, Hydrocarbon Sheen or NAPL Blebs

Comments: Soil sample SB26(08)(35-37.5) was analyzed for VOCs, SVOCs, TAL metals, and total cyanide.

AECOM
1001 West Seneca Street, Suite 204
Ithaca, New York, 14850

Boring ID: SB27

Project Name: Schenectady Clinton Street MGP Site
Project Number: 04980-011
Date: December 8, 2008
Boring Location: East side of SMHA Bldg.
Drilling Company: Geologic NY, Inc.

Drilling Method: Direct push
Sampling Method: Macro-core
Ground Elevation (ft/msl, NAVD 88): 238.37
Total Depth: 36.0 ft bgs
Logged By: James Edwards

Depth (Feet)	Recovery (Feet)	PID (ppm)	Sample ID	Sample Interval	Lithology	USCS	Visual Impacts	Geologic Description	Remarks
0	3.2	0.1				Fill		Brown fine SAND, some gravel, trace brick fragments; moist.	
-2		0.1						Brown fine SAND, trace gravel; moist.	
-4	3.0	0.1						Brown fine SAND, some gravel, trace brick fragments; moist.	
-6		0.1							
-8	3.6	0.2				Fill		Brown fine SAND, some angular gravel, trace coal and brick fragments; moist, firm.	
-10		0.1							
-12	3.2	0.1						Brown fine SAND, trace angular gravel and brick fragments; moist.	
-14		0.3						Becomes wet at 15.9 ft bgs.	
-16	3.1	0.3				SM		Brown SAND, trace gravel.	
-18		12.8						Hydrocarbon sheen from 19.4-19.6 ft bgs.	
-20	2.2	8.6						Sand with gray hydrocarbon staining and trace hydrocarbon sheen from 19.8-20 ft bgs. Brown SAND; wet, loose.	
-22		66.3	SB27 (23-23.5)	X				Brown SAND; firm. Sand mixed with black NAPL from 23-23.5 ft bgs.	
-24		18.4						Brown fine SAND; wet, loose. Brown coarse SAND; wet, firm.	

Coal Tar or Coal Tar NAPL Saturated Soil Hydrocarbon Staining, Hydrocarbon Sheen or NAPL Blebs

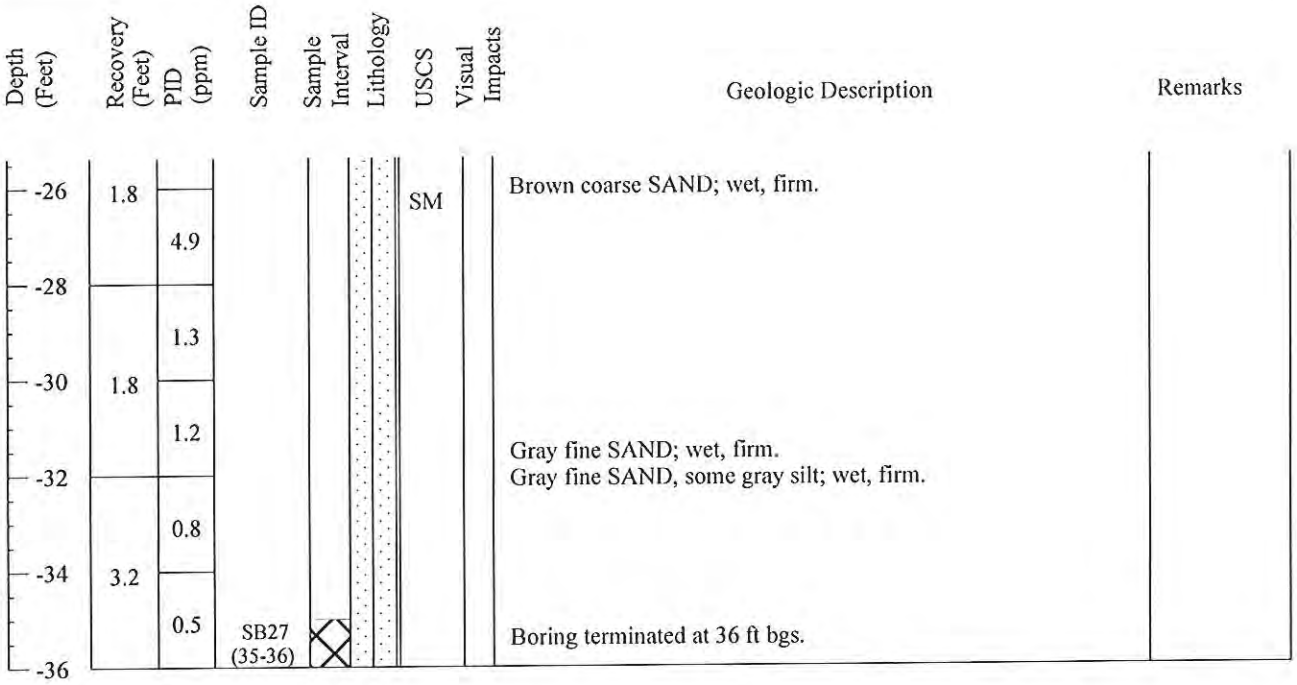
Comments: Soil samples SB27(08)(23-23.5) and SB27(08)(35-36) were analyzed for VOCs, SVOCs, TAL metals, and total cyanide.

AECOM
1001 West Seneca Street, Suite 204
Ithaca, New York, 14850

Boring ID: SB27

Project Name: Schenectady Clinton Street MGP Site
Project Number: 04980-011
Date: December 8, 2008
Boring Location: East side of SMHA Bldg.
Drilling Company: Geologic NY, Inc.

Drilling Method: Direct push
Sampling Method: Macro-core
Ground Elevation (ft/msl, NAVD 88): 238.37
Total Depth: 36.0 ft bgs
Logged By: James Edwards



Coal Tar or Coal Tar NAPL Saturated Soil Hydrocarbon Staining, Hydrocarbon Sheen or NAPL Blebs

Comments: Soil samples SB27(08)(23-23.5) and SB27(08)(35-36) were analyzed for VOCs, SVOCs, TAL metals, and total cyanide.

AECOM
1001 West Seneca Street, Suite 204
Ithaca, New York, 14850

Well ID: SB28/MW7D

Project Name: Schenectady Clinton Street MGP Site
Project Number: 04980-011
Date: October 23, 2008
Boring Location: East side of Broadway
Drilling Company: Geologic NY, Inc.

Drilling Method: Sonic
PVC Elevation (ft/msl, NAVD 88): 226.86
Ground Elevation (ft/msl, NAVD 88): 227.31
Total Depth: 75.0 ft bgs
Logged By: Jesse Lloyd

Depth (Feet)	Blow Counts	Recovery (Feet)	PID (ppm)	Sample ID	Sample Interval	Lithology	USCS	Visual Impacts	Geologic Description	Remarks	Well Construction
0									See boring log SB19(06) for 0-32 ft bgs.	Flush mounted curb box	
-2											
-4											
-6										Cement bentonite grout from 1-26 ft bgs	
-8											
-10											
-12											
-14									See boring log SB19(06) for 0-32 ft bgs.		
-16											
-18											
-20											
-22											
-24											

Coal Tar or Coal Tar NAPL Saturated Soil

Hydrocarbon Staining, Hydrocarbon Sheen or NAPL Blebs

Comments: Soil samples SB28(08)(33.5-35) and SB28(08)(47.5-50) were analyzed for VOCs, SVOCs, TAL metals, and total cyanide.

AECOM
1001 West Seneca Street, Suite 204
Ithaca, New York, 14850

Well ID: SB28/MW7D

Project Name: Schenectady Clinton Street MGP Site
Project Number: 04980-011
Date: October 23, 2008
Boring Location: East side of Broadway
Drilling Company: Geologic NY, Inc.

Drilling Method: Sonic
PVC Elevation (ft/msl, NAVD 88): 226.86
Ground Elevation (ft/msl, NAVD 88): 227.31
Total Depth: 75.0 ft bgs
Logged By: Jesse Lloyd

Depth (Feet)	Blow Counts Recovery (Feet)	PID (ppm)	Sample ID	Sample Interval	Lithology	USCS	Visual Impacts	Geologic Description	Well Remarks	Well Construction
-26								See boring log SB19(06) for 0-32 ft bgs.	Bentonite seal from 26-28 ft bgs	
-28									Sand pack from 28-40 ft bgs	
-30									2", 0.020 slotted PVC screen from 30-40 ft bgs	
-32						SM		Brown fine to medium SAND; wet, hydrocarbon-like odor.		
-34	3.0	160	SB28 (33.5-35)							
-36		230								
-38	5.0	180						Brown fine SAND; wet.		
-40		309						Brown fine SAND, trace medium sand; wet.	Well sump with bentonite seal from 40-42 ft bgs	
-42	4.0	1.8				SM				
-44		1.6						Brown fine SAND; wet.		
-46	3.5	2.0								
-48		1.2	SB28 (47.5-50)					Brown fine to medium SAND; wet.		
-50								Brown fine to medium SAND; wet.		

Coal Tar or Coal Tar NAPL Saturated Soil

Hydrocarbon Staining, Hydrocarbon Sheen or NAPL Blebs

Comments: Soil samples SB28(08)(33.5-35) and SB28(08)(47.5-50) were analyzed for VOCs, SVOCs, TAL metals, and total cyanide.

AECOM
1001 West Seneca Street, Suite 204
Ithaca, New York, 14850

Well ID: SB28/MW7D

Project Name: Schenectady Clinton Street MGP Site
Project Number: 04980-011
Date: October 23, 2008
Boring Location: East side of Broadway
Drilling Company: Geologic NY, Inc.

Drilling Method: Sonic
PVC Elevation (ft/msl, NAVD 88): 226.86
Ground Elevation (ft/msl, NAVD 88): 227.31
Total Depth: 75.0 ft bgs
Logged By: Jesse Lloyd

Depth (Feet)	Blow Counts	Recovery (Feet)	PID (ppm)	Sample ID	Sample Interval	Lithology	USCS	Visual Impacts	Geologic Description	Remarks	Well Construction
-52		3.0	0.7				SM		Brown fine to medium SAND; wet.		
-54			0.7								
-56		5.0	0.6								
-58			0.6								
-60		3.0	0.6						Brown fine to medium to coarse SAND; wet.		
-62							SM				
-64			0.4								
-66		0.0	NA						No recovery from 65-70 ft bgs.		
-68			NA								
-70		0.5	0.3						Brown fine to medium SAND; wet.		
-72											
-74			0.3						Boring terminated at 75 ft bgs.		

Coal Tar or Coal Tar NAPL Saturated Soil

Hydrocarbon Staining, Hydrocarbon Sheen or NAPL Blebs

Comments: Soil samples SB28(08)(33.5-35) and SB28(08)(47.5-50) were analyzed for VOCs, SVOCs, TAL metals, and total cyanide.

AECOM
1001 West Seneca Street, Suite 204
Ithaca, New York, 14850

Boring ID: SB31

Project Name: Schenectady Clinton Street MGP Site
Project Number: 04980-011
Date: October 16, 2008
Boring Location: North of SMHA Bldg.
Drilling Company: Geologic NY, Inc.

Drilling Method: Sonic
Sampling Method: Sonic tube sampler
Ground Elevation (ft/msl, NAVD 88): 227.84
Total Depth: 85.0 ft bgs
Logged By: Jesse Lloyd

Depth (Feet)	Blow Counts	Recovery (Feet)	PID (ppm)	Sample ID	Sample Interval	Lithology	USCS	Visual Impacts	Geologic Description	Remarks
0			0.0				Fill		Topsoil, some brown medium to coarse sand, little gravel; dry. Brown medium to coarse SAND and GRAVEL; dry.	Boring pre-cleared to 5 ft bgs by hand methods.
			0.0							
-2		NA	0.0						Brown fine to medium SAND, some gravel and brick fragments; dry. Little slag from 3-4 ft bgs.	
			0.3							
-4			0.9						Brown medium to fine SAND, little gravel and ash.	
	6 4 3 4						SM		Brown fine SAND; moist.	
-6		1.4	1.6							
									Brown fine SAND; wet.	
-8	4 3 2 2	1.4	0.4							
			20.9						Dark gray hydrocarbon staining, moderate hydrocarbon sheen and hydrocarbon-like odor from 8.5-9 ft bgs.	
		1.0	0.5						Brown fine SAND; wet, strong hydrocarbon-like odor.	
-10									Dark gray fine SAND; wet.	
			0.5							
-12		2.0							Lenses of black hydrocarbon staining from 12-13.5 ft bgs. Moderate hydrocarbon sheen from 13-13.5 ft bgs. Gray fine SAND, little medium sand; wet, moderate hydrocarbon-like odor.	
			48.7							
-14							SM			
			146							
-16		1.0								
			5.1							
-18										
			110						Brown fine to medium SAND; wet, strong hydrocarbon-like odor, trace hydrocarbon sheen.	
-20		5.0								
			324						Moderate hydrocarbon sheen from 24-30 ft bgs.	
-22										
-24										

Coal Tar or Coal Tar NAPL Saturated Soil

Hydrocarbon Staining, Hydrocarbon Sheen or NAPL Blebs

Comments: Soil samples SB31(08)(25-27.5) and SB31(08)(47.5-50) were analyzed for VOCs, SVOCs, TAL metals, and total cyanide.

AECOM
1001 West Seneca Street, Suite 204
Ithaca, New York, 14850

Boring ID: SB31

Project Name: Schenectady Clinton Street MGP Site
Project Number: 04980-011
Date: October 16, 2008
Boring Location: North of SMHA Bldg.
Drilling Company: Geologic NY, Inc.

Drilling Method: Sonic
Sampling Method: Sonic tube sampler
Ground Elevation (ft/msl, NAVD 88): 227.84
Total Depth: 85.0 ft bgs
Logged By: Jesse Lloyd

Depth (Feet)	Blow Counts	Recovery (Feet)	PID (ppm)	Sample ID	Sample Interval	Lithology	USCS	Visual Impacts	Geologic Description	Remarks
-26		5.0	811	SB31 (25-27.5)			SM		Brown fine to medium SAND; wet, moderate hydrocarbon sheen, strong hydrocarbon-like odor.	
-28			45.5							
-30		5.0	37.3						Brown fine to medium SAND; wet, slight hydrocarbon-like odor.	
-32									Brown medium SAND, trace fine sand; wet.	
-34			16.1							
-36		4.0	2.4				SM		Brown medium SAND, trace fine sand; wet.	
-38			4.3							
-40		1.0	2.1						Brown medium SAND; wet.	
-42										
-44			1.8							
-46		4.0	0.4				ML		Gray SILT; wet, moderate plasticity.	
-48			0.6	SB31 (47.5-50)			SM		Gray fine SAND; wet.	
-50										

Coal Tar or Coal Tar NAPL Saturated Soil

Hydrocarbon Staining, Hydrocarbon Sheen or NAPL Blebs

Comments: Soil samples SB31(08)(25-27.5) and SB31(08)(47.5-50) were analyzed for VOCs, SVOCs, TAL metals, and total cyanide.

AECOM
1001 West Seneca Street, Suite 204
Ithaca, New York, 14850

Boring ID: SB31

Project Name: Schenectady Clinton Street MGP Site
Project Number: 04980-011
Date: October 16, 2008
Boring Location: North of SMHA Bldg.
Drilling Company: Geologic NY, Inc.

Drilling Method: Sonic
Sampling Method: Sonic tube sampler
Ground Elevation (ft/msl, NAVD 88): 227.84
Total Depth: 85.0 ft bgs
Logged By: Jesse Lloyd

Depth (Feet)	Blow Counts	Recovery (Feet)	PID (ppm)	Sample ID	Sample Interval	Lithology	USCS	Visual Impacts	Geologic Description	Remarks
-52		4.0	1.5				SM		Gray fine SAND; wet.	
-54			0.8				ML		Gray SILT; wet, moderate plasticity.	
-56		5.0	1.0				SM		Gray fine SAND, little silt; wet.	
-58			1.0							
-60			0.8						Gray fine SAND, trace silt; wet.	
-62		5.0	0.7				ML		Gray SILT; wet, firm, moderate plasticity.	
-64							SM		Gray fine SAND, little silt; wet.	
-66			0.7							
-68		5.0	0.7							
-70			0.6						Gray fine SAND; wet.	
-72		5.0	0.7							
-74									Gray fine SAND, trace silt; wet.	
-76			0.9							

Coal Tar or Coal Tar NAPL Saturated Soil

Hydrocarbon Staining, Hydrocarbon Sheen or NAPL Blebs

Comments: Soil samples SB31(08)(25-27.5) and SB31(08)(47.5-50) were analyzed for VOCs, SVOCs, TAL metals, and total cyanide.

AECOM
1001 West Seneca Street, Suite 204
Ithaca, New York, 14850

Boring ID: SB31

Project Name: Schenectady Clinton Street MGP Site
Project Number: 04980-011
Date: October 16, 2008
Boring Location: North of SMHA Bldg.
Drilling Company: Geologic NY, Inc.

Drilling Method: Sonic
Sampling Method: Sonic tube sampler
Ground Elevation (ft/msl, NAVD 88): 227.84
Total Depth: 85.0 ft bgs
Logged By: Jesse Lloyd

Depth (Feet)	Blow Counts	Recovery (Feet)	PID (ppm)	Sample ID	Sample Interval	Lithology	USCS	Visual Impacts	Geologic Description	Remarks
-78		5.0	0.9				SM		Gray fine SAND, trace silt; wet.	
-80			0.8							
-82		5.0							Becomes firm at 83 ft bgs.	
-84			0.6						Boring terminated at 85 ft bgs.	

Coal Tar or Coal Tar NAPL Saturated Soil Hydrocarbon Staining, Hydrocarbon Sheen or NAPL Blebs

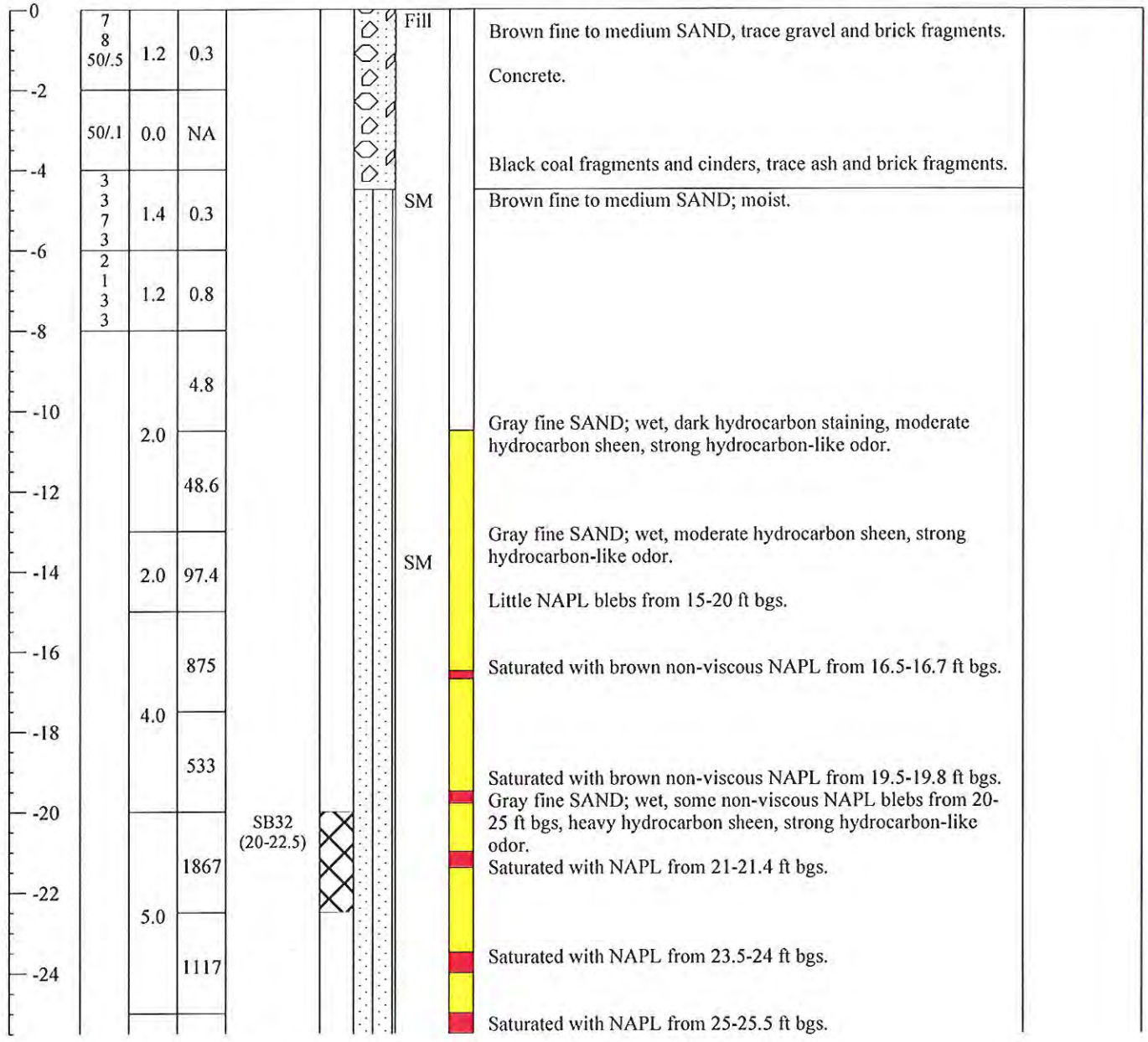
Comments: Soil samples SB31(08)(25-27.5) and SB31(08)(47.5-50) were analyzed for VOCs, SVOCs, TAL metals, and total cyanide.

AECOM
1001 West Seneca Street, Suite 204
Ithaca, New York, 14850

Boring ID: SB32

Project Name: Schenectady Clinton Street MGP Site
Project Number: 04980-011
Date: October 15, 2008
Boring Location: Northwest of Holder C
Drilling Company: Geologic NY, Inc.

Drilling Method: Sonic
Sampling Method: Sonic tube sampler
Ground Elevation (ft/msl, NAVD 88): 229.64
Total Depth: 75.0 ft bgs
Logged By: Jesse Lloyd



Coal Tar or Coal Tar NAPL Saturated Soil

Hydrocarbon Staining, Hydrocarbon Sheen or NAPL Blebs

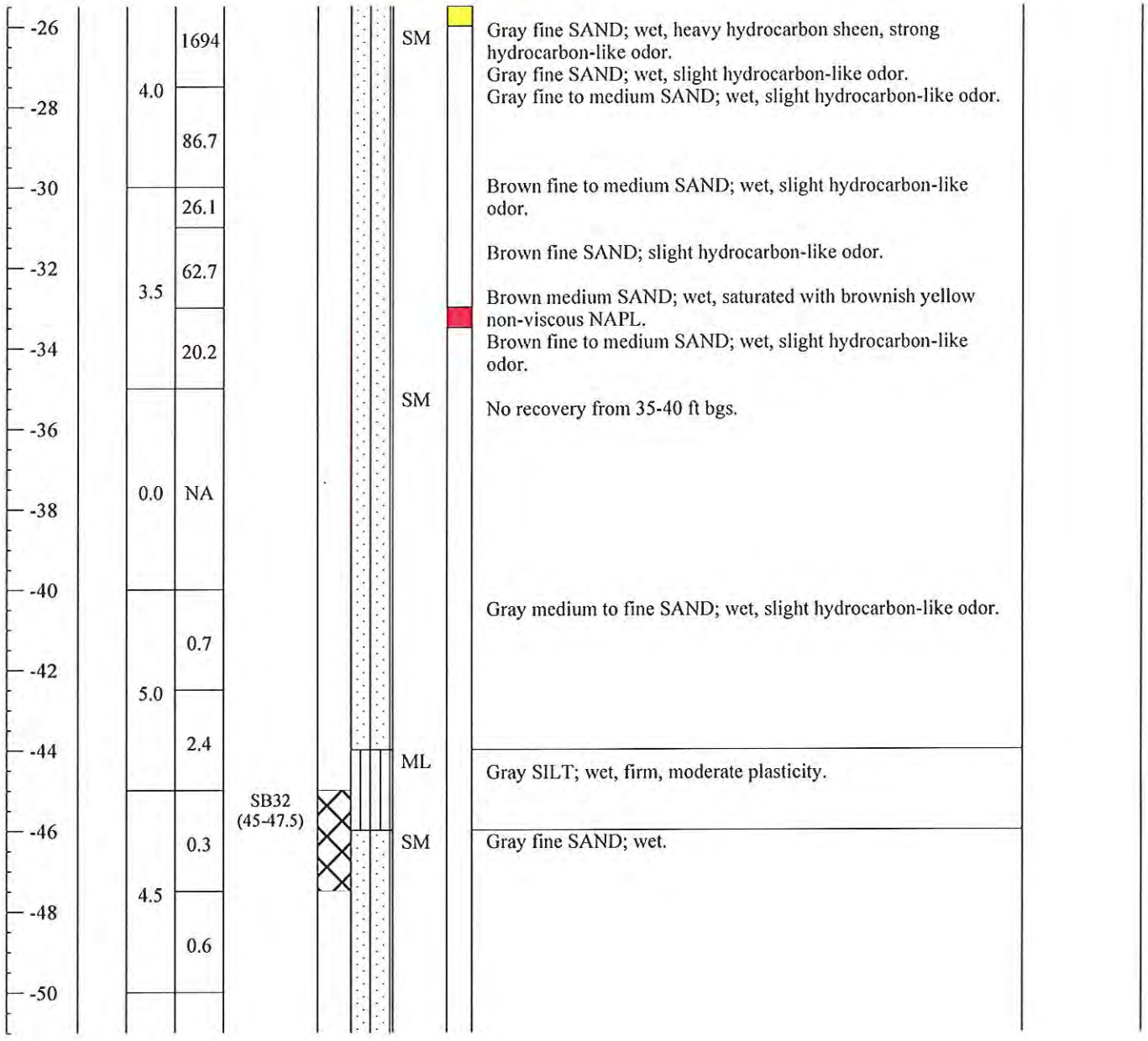
Comments: Soil samples SB32(08)(20-22.5) and SB32(08)(45-47.5) were analyzed for VOCs, SVOCs, TAL metals, and total cyanide.

AECOM
1001 West Seneca Street, Suite 204
Ithaca, New York, 14850

Boring ID: SB32

Project Name: Schenectady Clinton Street MGP Site
Project Number: 04980-011
Date: October 15, 2008
Boring Location: Northwest of Holder C
Drilling Company: Geologic NY, Inc.

Drilling Method: Sonic
Sampling Method: Sonic tube sampler
Ground Elevation (ft/msl, NAVD 88): 229.64
Total Depth: 75.0 ft bgs
Logged By: Jesse Lloyd



Coal Tar or Coal Tar NAPL Saturated Soil

Hydrocarbon Staining, Hydrocarbon Sheen or NAPL Blebs

Comments: Soil samples SB32(08)(20-22.5) and SB32(08)(45-47.5) were analyzed for VOCs, SVOCs, TAL metals, and total cyanide.

AECOM
1001 West Seneca Street, Suite 204
Ithaca, New York, 14850

Boring ID: SB32

Project Name: Schenectady Clinton Street MGP Site
Project Number: 04980-011
Date: October 15, 2008
Boring Location: Northwest of Holder C
Drilling Company: Geologic NY, Inc.

Drilling Method: Sonic
Sampling Method: Sonic tube sampler
Ground Elevation (ft/msl, NAVD 88): 229.64
Total Depth: 75.0 ft bgs
Logged By: Jesse Lloyd

Depth (Feet)	Blow Counts	Recovery (Feet)	PID (ppm)	Sample ID	Sample Interval	Lithology	USCS	Visual Impacts	Geologic Description	Remarks
-52		5.0	0.4				SM		Gray fine SAND; wet.	
			0.6				ML		Gray SILT; wet, firm, moderate plasticity.	
-54							SM		Gray fine SAND; wet.	
-56		4.5	0.3							
-58			0.3						Lens of gray SILT; wet, firm, moderate plasticity.	
-60			0.3							
-62		4.5	0.3				ML SM		Gray SILT; wet, firm, moderate plasticity.	
-64									Gray fine SAND; wet.	
-66		4.0	0.3				ML SM		Gray SILT.	
-68			0.3				ML SM		Gray fine SAND; wet.	
-70									Gray SILT.	
-72		3.5	0.3						Gray fine SAND; wet. Gray fine SAND, trace silt; wet.	
-74			0.3						Gray fine SAND; dry, firm. Boring terminated at 75 ft bgs.	

Coal Tar or Coal Tar NAPL Saturated Soil

Hydrocarbon Staining, Hydrocarbon Sheen or NAPL Blebs

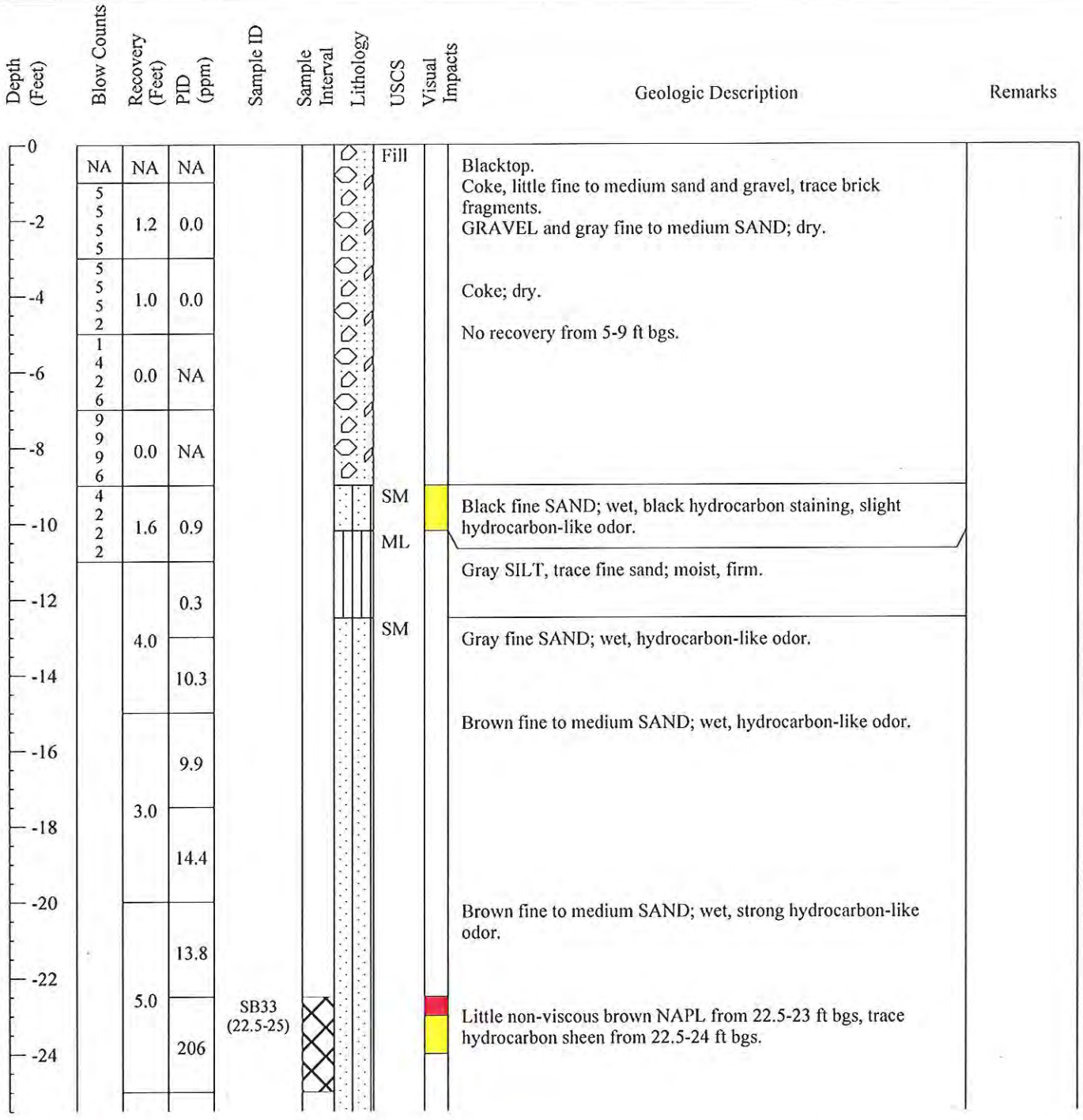
Comments: Soil samples SB32(08)(20-22.5) and SB32(08)(45-47.5) were analyzed for VOCs, SVOCs, TAL metals, and total cyanide.

AECOM
1001 West Seneca Street, Suite 204
Ithaca, New York, 14850

Boring ID: SB33

Project Name: Schenectady Clinton Street MGP Site
Project Number: 04980-011
Date: October 22, 2008
Boring Location: Former Dynamos, SMHA southern lot
Drilling Company: Geologic NY, Inc.

Drilling Method: Sonic
Sampling Method: Sonic tube sampler
Ground Elevation (ft/msl, NAVD 88): 226.12
Total Depth: 80.0 ft bgs
Logged By: Jesse Lloyd



Coal Tar or Coal Tar NAPL Saturated Soil

Hydrocarbon Staining, Hydrocarbon Sheen or NAPL Blebs

Comments: Soil samples SB33(08)(22.5-25) and SB33(08)(35-37.5) were analyzed for VOCs, SVOCs, TAL metals, and total cyanide.

AECOM
1001 West Seneca Street, Suite 204
Ithaca, New York, 14850

Boring ID: SB33

Project Name: Schenectady Clinton Street MGP Site
Project Number: 04980-011
Date: October 22, 2008
Boring Location: Former Dynamos, SMHA southern lot
Drilling Company: Geologic NY, Inc.

Drilling Method: Sonic
Sampling Method: Sonic tube sampler
Ground Elevation (ft/msl, NAVD 88): 226.12
Total Depth: 80.0 ft bgs
Logged By: Jesse Lloyd

Depth (Feet)	Blow Counts	Recovery (Feet)	PID (ppm)	Sample ID	Sample Interval	Lithology	USCS	Visual Impacts	Geologic Description	Remarks
-26		3.0	40.3				SM		Brown fine to medium SAND; wet, slight hydrocarbon-like odor from 25-27 ft bgs.	
-28			7.2							
-30		4.0	2.7						Brown medium to fine SAND; wet.	
-32			1.1							
-34		5.0	0.9	SB33 (35-37.5)						
-36			1.0				SM		Brown medium to fine SAND; wet.	
-38		4.0	0.4							
-40			0.4							
-42		4.5	0.2						Brown medium to fine SAND; wet.	
-44			0.2							
-46										
-48										
-50										

Coal Tar or Coal Tar NAPL Saturated Soil

Hydrocarbon Staining, Hydrocarbon Sheen or NAPL Blebs

Comments: Soil samples SB33(08)(22.5-25) and SB33(08)(35-37.5) were analyzed for VOCs, SVOCs, TAL metals, and total cyanide.

AECOM
1001 West Seneca Street, Suite 204
Ithaca, New York, 14850

Boring ID: SB33

Project Name: Schenectady Clinton Street MGP Site
Project Number: 04980-011
Date: October 22, 2008
Boring Location: Former Dynamos, SMHA southern lot
Drilling Company: Geologic NY, Inc.

Drilling Method: Sonic
Sampling Method: Sonic tube sampler
Ground Elevation (ft/msl, NAVD 88): 226.12
Total Depth: 80.0 ft bgs
Logged By: Jesse Lloyd

Depth (Feet)	Blow Counts	Recovery (Feet)	PID (ppm)	Sample ID	Sample Interval	Lithology	USCS	Visual Impacts	Geologic Description	Remarks
-52		3.5	0.2				SM		Brown medium to fine SAND; wet.	
-54			0.2							
-56		2.5	0.2							
-58			0.2							
-60		2.5	0.2				ML		Gray SILT, little fine sand; wet.	
-62			0.2							
-64			0.2							
-66		4.0	0.2				SM		Gray fine SAND; wet.	
-68			0.2							
-70		5.0	0.2						Gray fine SAND, trace silt; wet.	
-72			0.2							
-74			0.2						Gray fine SAND, little silt; wet.	
-76			0.2							

Coal Tar or Coal Tar NAPL Saturated Soil

Hydrocarbon Staining, Hydrocarbon Sheen or NAPL Blebs

Comments: Soil samples SB33(08)(22.5-25) and SB33(08)(35-37.5) were analyzed for VOCs, SVOCs, TAL metals, and total cyanide.

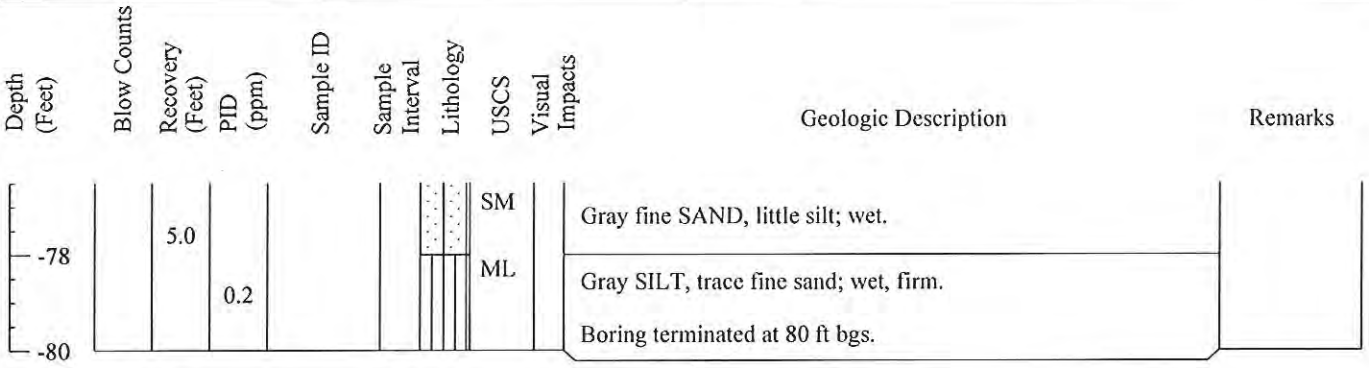
AECOM

1001 West Seneca Street, Suite 204
Ithaca, New York, 14850

Boring ID: SB33

Project Name: Schenectady Clinton Street MGP Site
Project Number: 04980-011
Date: October 22, 2008
Boring Location: Former Dynamos, SMHA southern lot
Drilling Company: Geologic NY, Inc.

Drilling Method: Sonic
Sampling Method: Sonic tube sampler
Ground Elevation (ft/msl, NAVD 88): 226.12
Total Depth: 80.0 ft bgs
Logged By: Jesse Lloyd



Coal Tar or Coal Tar NAPL Saturated Soil

Hydrocarbon Staining, Hydrocarbon Sheen or NAPL Blebs

Comments: Soil samples SB33(08)(22.5-25) and SB33(08)(35-37.5) were analyzed for VOCs, SVOCs, TAL metals, and total cyanide.

AECOM
1001 West Seneca Street, Suite 204
Ithaca, New York, 14850

Boring ID: SB34

Project Name: Schenectady Clinton Street MGP Site
Project Number: 04980-011
Date: October 21, 2008
Boring Location: Former Dynamos, East side of Broadway
Drilling Company: Geologic NY, Inc.

Drilling Method: Sonic
Sampling Method: Sonic tube sampler
Ground Elevation (ft/msl, NAVD 88): 226.07
Total Depth: 75.0 ft bgs
Logged By: Jesse Lloyd

Depth (Feet)	Blow Counts	Recovery (Feet)	PID (ppm)	Sample ID	Sample Interval	Lithology	USCS	Visual Impacts	Geologic Description	Remarks
0	NA	NA	0.0				Fill		Brown medium to fine SAND, little gravel; dry.	Boring pre-cleared to 5 ft bgs by hand methods.
			0.0						Brown fine SAND, some brick fragments, little gravel; dry.	
-2			0.0						Brown medium SAND, little gravel, trace brick fragments; dry.	
-4			0.0							
			0.0						Brown medium to fine SAND, little silt, trace brick fragments; moist.	
-6	3 2 2 2	1.4	0.3						Brown fine SAND, little silt and brick fragments; wet.	
-8	6 6 3 2	1.1	0.3				SM		Gray fine SAND.	
			1.7						Dark gray fine SAND; wet, moderate hydrocarbon-like odor.	
-10			2.0							
-12		5.0								
			2.0				PT		PEAT, little fine sand; wet, moderate hydrocarbon-like odor.	
-14							OL		Gray SILT, little peat; wet, slight hydrocarbon-like odor.	
							SM		Gray fine to medium SAND; wet, slight hydrocarbon-like odor.	
-16			4.7							
		3.5					OL		Gray SILT, little peat, trace fine sand; wet, firm.	
-18			0.7							
-20									Gray SILT, little peat, trace fine sand; wet.	
			0.2							
-22		4.5								
			0.1							
-24							SM		Gray medium SAND; wet.	

Coal Tar or Coal Tar NAPL Saturated Soil

Hydrocarbon Staining, Hydrocarbon Sheen or NAPL Blebs

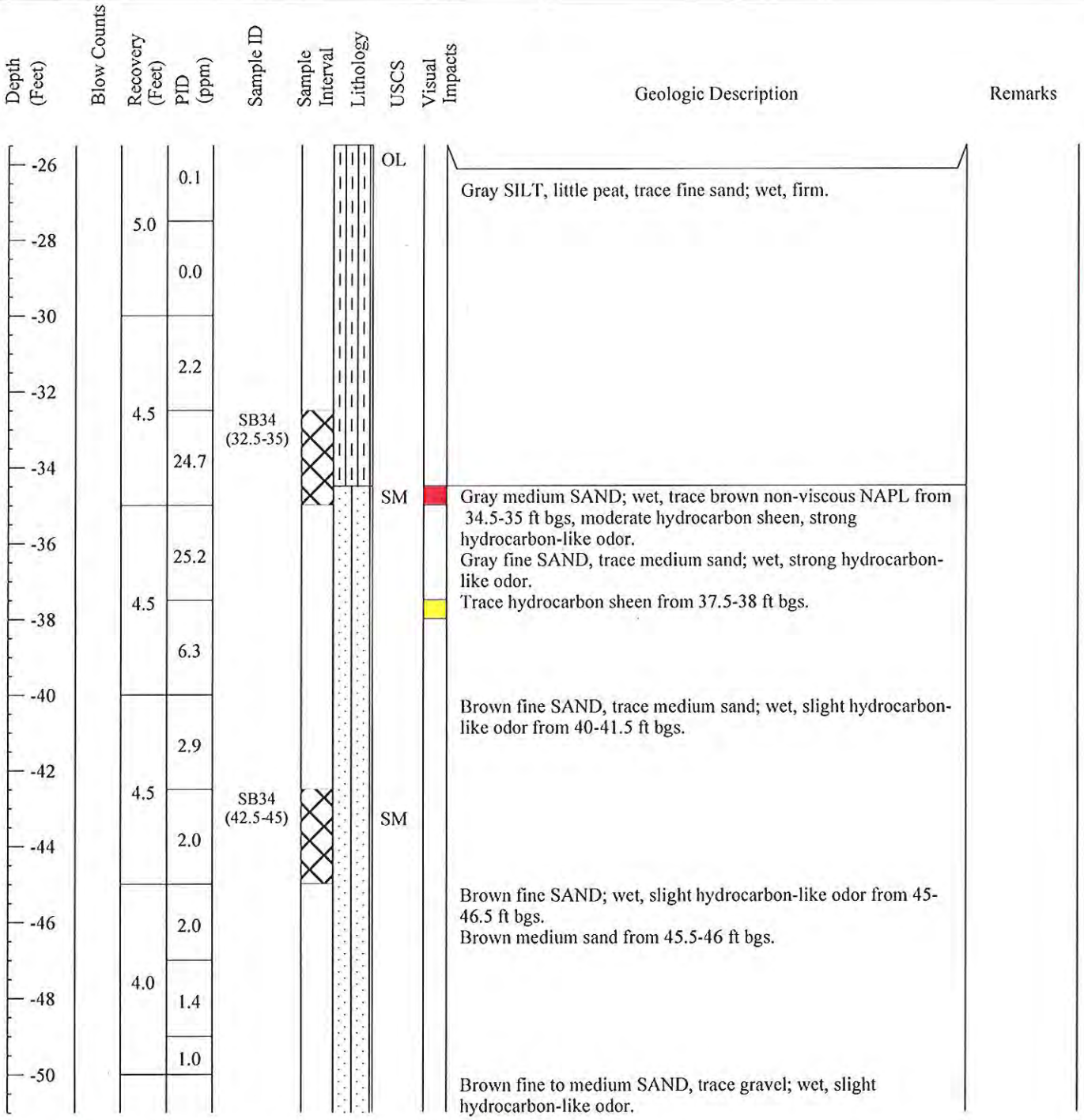
Comments: Soil samples SB34(08)(32.5-35) and SB34(08)(42.5-45) were analyzed for VOCs, SVOCs, TAL metals, and total cyanide.

AECOM
1001 West Seneca Street, Suite 204
Ithaca, New York, 14850

Boring ID: SB34

Project Name: Schenectady Clinton Street MGP Site
Project Number: 04980-011
Date: October 21, 2008
Boring Location: Former Dynamos, East side of Broadway
Drilling Company: Geologic NY, Inc.

Drilling Method: Sonic
Sampling Method: Sonic tube sampler
Ground Elevation (ft/msl, NAVD 88): 226.07
Total Depth: 75.0 ft bgs
Logged By: Jesse Lloyd



Coal Tar or Coal Tar NAPL Saturated Soil

Hydrocarbon Staining, Hydrocarbon Sheen or NAPL Blebs

Comments: Soil samples SB34(08)(32.5-35) and SB34(08)(42.5-45) were analyzed for VOCs, SVOCs, TAL metals, and total cyanide.

AECOM
1001 West Seneca Street, Suite 204
Ithaca, New York, 14850

Boring ID: SB34

Project Name: Schenectady Clinton Street MGP Site
Project Number: 04980-011
Date: October 21, 2008
Boring Location: Former Dynamos, East side of Broadway
Drilling Company: Geologic NY, Inc.

Drilling Method: Sonic
Sampling Method: Sonic tube sampler
Ground Elevation (ft/msl, NAVD 88): 226.07
Total Depth: 75.0 ft bgs
Logged By: Jesse Lloyd

Depth (Feet)	Blow Counts	Recovery (Feet)	PID (ppm)	Sample ID	Sample Interval	Lithology	USCS	Visual Impacts	Geologic Description	Remarks
-52		4.0	0.2				SM		Brown fine to medium SAND, trace gravel; wet, slight hydrocarbon-like odor.	
-54			0.0							
-56		4.0	0.0						Brown fine to medium SAND, trace gravel; wet, slight hydrocarbon-like odor from 55-57 ft bgs.	
-58			0.0							
-60		4.0	0.0						Brown fine to medium SAND; wet.	
-62							SM			
-64			0.2							
-66		2.5	0.2							
-68			0.2							
-70		3.0	0.2						Brown fine SAND; wet.	
-72										
-74			0.2						Boring terminated at 75 ft bgs.	

Coal Tar or Coal Tar NAPL Saturated Soil Hydrocarbon Staining, Hydrocarbon Sheen or NAPL Blebs

Comments: Soil samples SB34(08)(32.5-35) and SB34(08)(42.5-45) were analyzed for VOCs, SVOCs, TAL metals, and total cyanide.

AECOM
1001 West Seneca Street, Suite 204
Ithaca, New York, 14850

Boring ID: SB36

Project Name: Schenectady Clinton Street MGP Site
Project Number: 04980-011
Date: October 10, 2008
Boring Location: SMHA Center Parking Lot, west of garage
Drilling Company: Geologic NY, Inc.

Drilling Method: Sonic
Sampling Method: Sonic tube sampler
Ground Elevation (ft/msl, NAVD 88): 232.80
Total Depth: 102.0 ft bgs
Logged By: Jesse Lloyd

Depth (Feet)	Blow Counts	Recovery (Feet)	PID (ppm)	Sample ID	Sample Interval	Lithology	USCS	Visual Impacts	Geologic Description	Remarks
0	3 5 8 10	1.8	0.1				Fill		Brown fine to medium SAND, some brick and cobble fragments; dry.	
-2	15 10 10 50/.2	0.8	0.0						Brown fine SAND and COBBLE fragments, some red brick fragments; dry.	
-4	4 6 8 6	1.7	8.6						Brown fine SAND, some cobble fragments; dry.	
-6	3 4 3 2	1.6	0.0				SM		Hardened coal tar, hydrocarbon staining and hydrocarbon-like odor from 5-5.5 ft bgs.	
-8	3 3 2 1	1.8	37.5						Brown fine SAND; dry, well sorted.	
-10	3 3 2 2	1.8	67.3	SB36 (10-12)					Becomes wet at 10 ft bgs. Brown fine SAND; wet, heavy hydrocarbon staining and sheen, strong hydrocarbon-like odor from 10-17 ft bgs.	
-12		1.9	228							
-14							SM			
-16		4.3	271							
-18			326	SB36 (17.5-20)					Heavy hydrocarbon staining and sheen from 18-18.3 ft bgs.	
-20		5.0	191						Heavy hydrocarbon staining and sheen from 19.4-19.7 ft bgs. Brown fine to medium SAND; wet, hydrocarbon-like odor, heavy dark hydrocarbon staining and sheen from 20-20.3 ft bgs, 20.7-21.3 ft bgs, 22-22.2 ft bgs, 23.5-23.8 ft bgs, and 24.8-25 ft bgs.	
-22			23.8							
-24			47.0						Brown fine to medium SAND; wet, heavy hydrocarbon staining and sheen from 25.5-28.5 ft bgs.	

Coal Tar or Coal Tar NAPL Saturated Soil

Hydrocarbon Staining, Hydrocarbon Sheen or NAPL Blebs

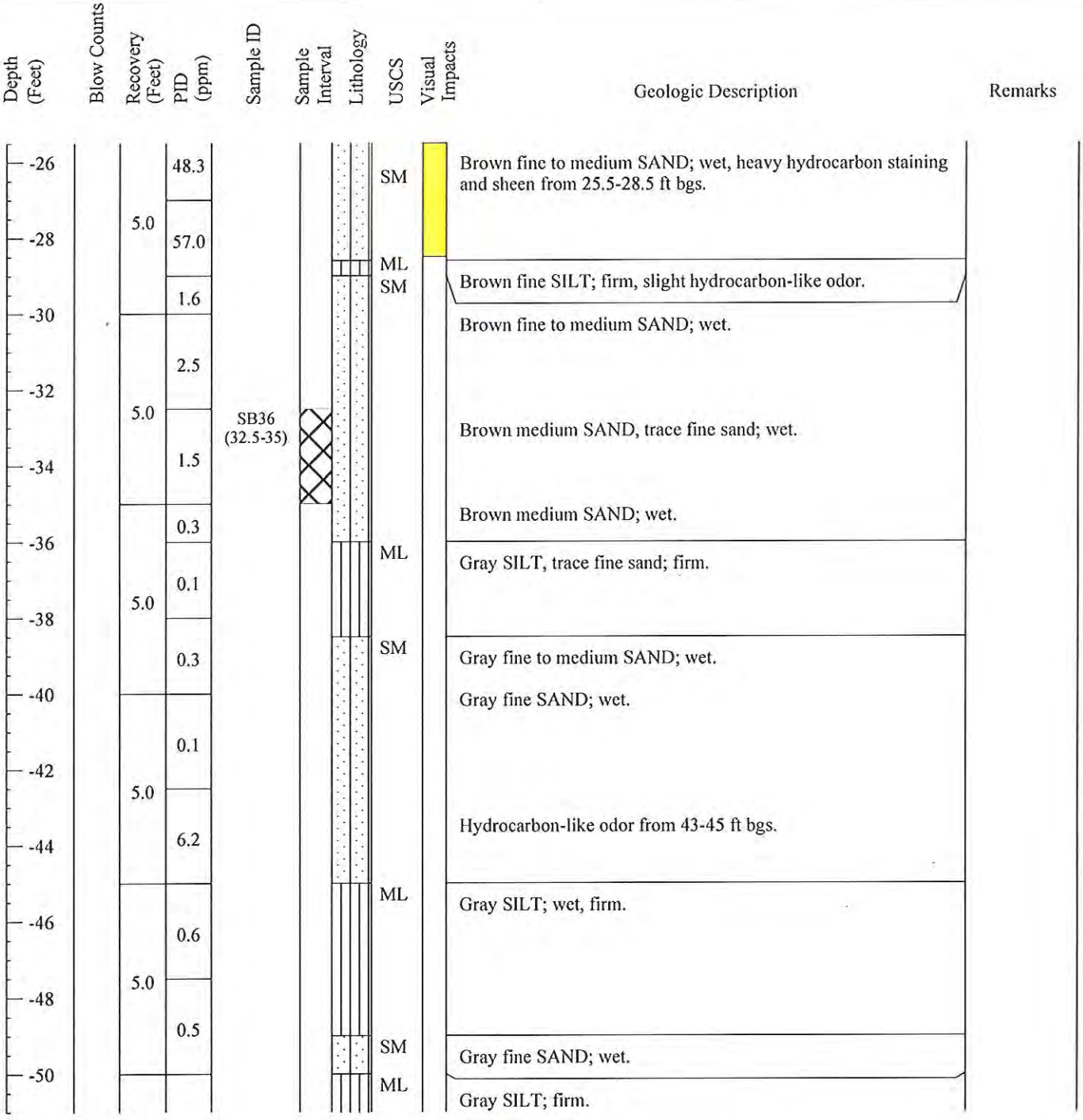
Comments: Soil samples SB36(08)(10-12), SB36(08)(17.5-20), and SB36(08)(32.5-35) were analyzed for VOCs, SVOCs, TAL metals, and total cyanide.

AECOM
1001 West Seneca Street, Suite 204
Ithaca, New York, 14850

Boring ID: SB36

Project Name: Schenectady Clinton Street MGP Site
Project Number: 04980-011
Date: October 10, 2008
Boring Location: SMHA Center Parking Lot, west of garage
Drilling Company: Geologic NY, Inc.

Drilling Method: Sonic
Sampling Method: Sonic tube sampler
Ground Elevation (ft/msl, NAVD 88): 232.80
Total Depth: 102.0 ft bgs
Logged By: Jesse Lloyd



Coal Tar or Coal Tar NAPL Saturated Soil

Hydrocarbon Staining, Hydrocarbon Sheen or NAPL Blebs

Comments: Soil samples SB36(08)(10-12), SB36(08)(17.5-20), and SB36(08)(32.5-35) were analyzed for VOCs, SVOCs, TAL metals, and total cyanide.

AECOM
1001 West Seneca Street, Suite 204
Ithaca, New York, 14850

Boring ID: SB36

Project Name: Schenectady Clinton Street MGP Site
Project Number: 04980-011
Date: October 10, 2008
Boring Location: SMHA Center Parking Lot, west of garage
Drilling Company: Geologic NY, Inc.

Drilling Method: Sonic
Sampling Method: Sonic tube sampler
Ground Elevation (ft/msl, NAVD 88): 232.80
Total Depth: 102.0 ft bgs
Logged By: Jesse Lloyd

Depth (Feet)	Blow Counts	Recovery (Feet)	PID (ppm)	Sample ID	Sample Interval	Lithology	USCS	Visual Impacts	Geologic Description	Remarks
-52		5.0	0.3				SM		Gray SILT; firm.	
-54			0.3						Gray fine SAND; wet.	
-56		5.0	0.2							
-58			0.1							
-60		5.0	0.3						Gray fine SAND, little silt; wet.	
-62			0.0							
-64		5.0	0.1						Gray fine SAND; wet.	
-66			0.0				ML		Gray SILT.	
-68		5.0	0.0				SM		Gray fine SAND; wet.	
-70		5.0	0.0				ML		Gray SILT; wet, firm.	
-72			0.0							
-74							SM		Gray fine SAND; wet.	
-76										

Coal Tar or Coal Tar NAPL Saturated Soil

Hydrocarbon Staining, Hydrocarbon Sheen or NAPL Blebs

Comments: Soil samples SB36(08)(10-12), SB36(08)(17.5-20), and SB36(08)(32.5-35) were analyzed for VOCs, SVOCs, TAL metals, and total cyanide.

AECOM
1001 West Seneca Street, Suite 204
Ithaca, New York, 14850

Boring ID: SB36

Project Name: Schenectady Clinton Street MGP Site
Project Number: 04980-011
Date: October 10, 2008
Boring Location: SMHA Center Parking Lot, west of garage
Drilling Company: Geologic NY, Inc.

Drilling Method: Sonic
Sampling Method: Sonic tube sampler
Ground Elevation (ft/msl, NAVD 88): 232.80
Total Depth: 102.0 ft bgs
Logged By: Jesse Lloyd

Depth (Feet)	Blow Counts	Recovery (Feet)	PID (ppm)	Sample ID	Sample Interval	Lithology	USCS	Visual Impacts	Geologic Description	Remarks
-78		5.0	0.0				SM		Gray fine SAND; wet.	
-80									Gray fine SAND, little silt; wet.	
-82		5.0	0.0							
-84										
-86							ML		Gray SILT; wet, firm.	
-88		5.0	0.1				SM		Gray fine SAND; wet.	
-90							ML		Gray SILT; wet.	
-92		5.0	0.0							
-94									Gray SILT, little fine to medium sand, trace gravel.	
-96										
-98		5.0	0.1				Till		Gray SILT, little gravel and fine to medium sand; dry, firm.	
-100										
-102		1.0	0.0						Refusal at 102 ft bgs.	

Coal Tar or Coal Tar NAPL Saturated Soil

Hydrocarbon Staining, Hydrocarbon Sheen or NAPL Blebs

Comments: Soil samples SB36(08)(10-12), SB36(08)(17.5-20), and SB36(08)(32.5-35) were analyzed for VOCs, SVOCs, TAL metals, and total cyanide.

AECOM
1001 West Seneca Street, Suite 204
Ithaca, New York, 14850

Boring ID: SB37

Project Name: Schenectady Clinton Street MGP Site
Project Number: 04980-011
Date: October 14, 2008
Boring Location: SMHA Center Parking Lot
Drilling Company: Geologic NY, Inc.

Drilling Method: Sonic
Sampling Method: Sonic tube sampler
Ground Elevation (ft/msl, NAVD 88): 231.13
Total Depth: 99.0 ft bgs
Logged By: Jesse Lloyd

Depth (Feet)	Blow Counts	Recovery (Feet)	PID (ppm)	Sample ID	Sample Interval	Lithology	USCS	Visual Impacts	Geologic Description	Remarks
0	6 8 3 3	1.0	0.3				Fill		ASPHALT and GRAVEL. Brown medium to fine SAND, trace brick fragments and gravel; moist. Brown medium to fine SAND, little brick fragments; moist. Concrete from 2.7 to 4 ft bgs.	
-2	2 50/.1	0.7	0.5						Brown medium to fine SAND, little brick fragments; moist.	
-4	9 1 3 4	0.7	1.9						COAL and red BRICK fragments; dry.	
-6	3 4 6 4	0.9	22.8						Brown medium to fine SAND, some red brick fragments; moist.	
-8	4 6 3 1	0.2	4.1						CINDERS and COAL fragments; moist, moderate hydrocarbon sheen, moderate hydrocarbon-like odor. Brown medium to fine SAND, some red brick fragments; moist.	
-10	9 6 3 1	1.0	624	SB37 (11-12)			SM		WOOD fragments; moist, hydrocarbon sheen from 9.8 to 10 ft bgs, strong hydrocarbon-like odor.	
-12	2 1 1 3	1.6	180						Gray fine to medium SAND; wet, moderate hydrocarbon sheen, strong hydrocarbon-like odor. Dark gray fine SAND; wet, hydrocarbon staining, heavy hydrocarbon sheen, strong hydrocarbon-like odor.	
-14									No recovery from 14-25 ft bgs.	
-16										
-18										
-20		0.0	NA							
-22										
-24									Brown fine SAND; wet, moderate hydrocarbon sheen, strong hydrocarbon-like odor.	

Coal Tar or Coal Tar NAPL Saturated Soil

Hydrocarbon Staining, Hydrocarbon Sheen or NAPL Blebs

Comments: Soil samples SB37(08)(11-12) and SB37(08)(57.5-60) were analyzed for VOCs, SVOCs, TAL metals, and total cyanide.

AECOM
1001 West Seneca Street, Suite 204
Ithaca, New York, 14850

Boring ID: SB37

Project Name: Schenectady Clinton Street MGP Site
Project Number: 04980-011
Date: October 14, 2008
Boring Location: SMHA Center Parking Lot
Drilling Company: Geologic NY, Inc.

Drilling Method: Sonic
Sampling Method: Sonic tube sampler
Ground Elevation (ft/msl, NAVD 88): 231.13
Total Depth: 99.0 ft bgs
Logged By: Jesse Lloyd

Depth (Feet)	Blow Counts	Recovery (Feet)	PID (ppm)	Sample ID	Sample Interval	Lithology	USCS	Visual Impacts	Geologic Description	Remarks
-26		5.0	8.7				SM		Some brown non-viscous NAPL from 26-27 ft bgs and 29-30 ft bgs.	
-28			54.2							
-30		5.0	7.7						Brown fine SAND; wet, trace hydrocarbon sheen, hydrocarbon-like odor.	
-32									Brown fine to medium SAND; wet, trace hydrocarbon sheen, slight hydrocarbon-like odor.	
-34			6.7							
-36		5.0	6.7						Brown fine SAND, lenses of medium sand; wet.	
-38			2.1				SM		Brown medium to fine SAND; wet.	
-40		5.0	1.9							
-42										
-44			1.7							
-46		3.0	1.7							
-48										
-50									Gray fine SAND; wet.	

Coal Tar or Coal Tar NAPL Saturated Soil

Hydrocarbon Staining, Hydrocarbon Sheen or NAPL Blebs

Comments: Soil samples SB37(08)(11-12) and SB37(08)(57.5-60) were analyzed for VOCs, SVOCs, TAL metals, and total cyanide.

AECOM
1001 West Seneca Street, Suite 204
Ithaca, New York, 14850

Boring ID: SB37

Project Name: Schenectady Clinton Street MGP Site
Project Number: 04980-011
Date: October 14, 2008
Boring Location: SMHA Center Parking Lot
Drilling Company: Geologic NY, Inc.

Drilling Method: Sonic
Sampling Method: Sonic tube sampler
Ground Elevation (ft/msl, NAVD 88): 231.13
Total Depth: 99.0 ft bgs
Logged By: Jesse Lloyd

Depth (Feet)	Blow Counts	Recovery (Feet)	PID (ppm)	Sample ID	Sample Interval	Lithology	USCS	Visual Impacts	Geologic Description	Remarks
-52		3.0	27.6				SM		Gray fine SAND; wet.	
-54									Little non-viscous NAPL from 54-55 ft bgs, trace hydrocarbon sheen from 54-55 ft bgs.	
							ML		Gray SILT, trace fine sand; wet, firm.	
-56			0.2				SM		Gray fine SAND; wet.	
-58		5.0	0.2	SB37 (57.5-60)						
-60									Gray fine SAND; wet, firm.	
-62		5.0	0.4						Some silt from 62-63 ft bgs.	
-64			0.3							
-66		4.3	0.2				SM			
-68			0.3							
-70		3.7	0.3						Gray fine SAND, trace silt lenses; wet, firm.	
-72										
-74			0.3						Gray fine SAND; wet, firm.	
-76			0.3							

Coal Tar or Coal Tar NAPL Saturated Soil

Hydrocarbon Staining, Hydrocarbon Sheen or NAPL Blebs

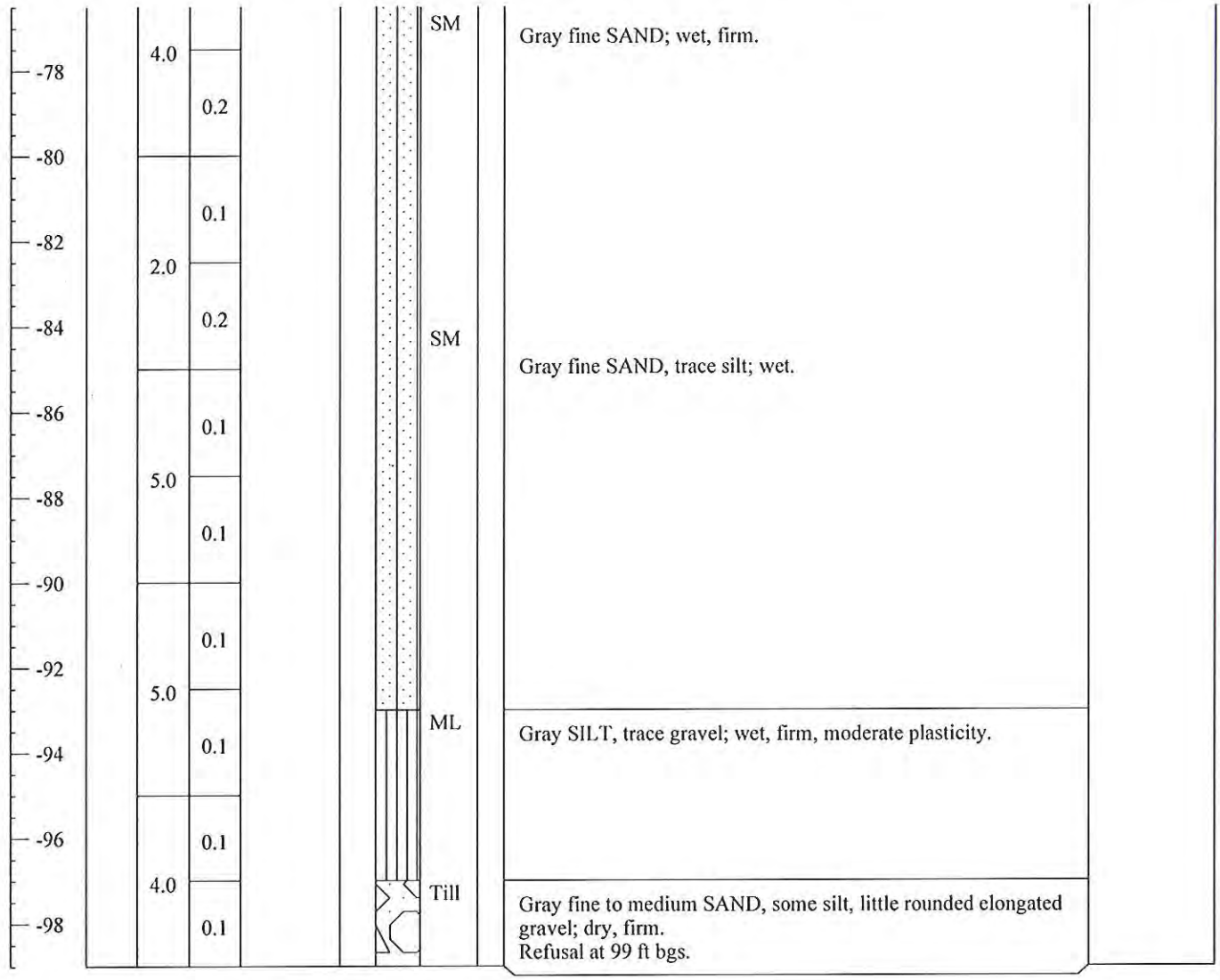
Comments: Soil samples SB37(08)(11-12) and SB37(08)(57.5-60) were analyzed for VOCs, SVOCs, TAL metals, and total cyanide.

AECOM
1001 West Seneca Street, Suite 204
Ithaca, New York, 14850

Boring ID: SB37

Project Name: Schenectady Clinton Street MGP Site
Project Number: 04980-011
Date: October 14, 2008
Boring Location: SMHA Center Parking Lot
Drilling Company: Geologic NY, Inc.

Drilling Method: Sonic
Sampling Method: Sonic tube sampler
Ground Elevation (ft/msl, NAVD 88): 231.13
Total Depth: 99.0 ft bgs
Logged By: Jesse Lloyd



Coal Tar or Coal Tar NAPL Saturated Soil Hydrocarbon Staining, Hydrocarbon Sheen or NAPL Blebs

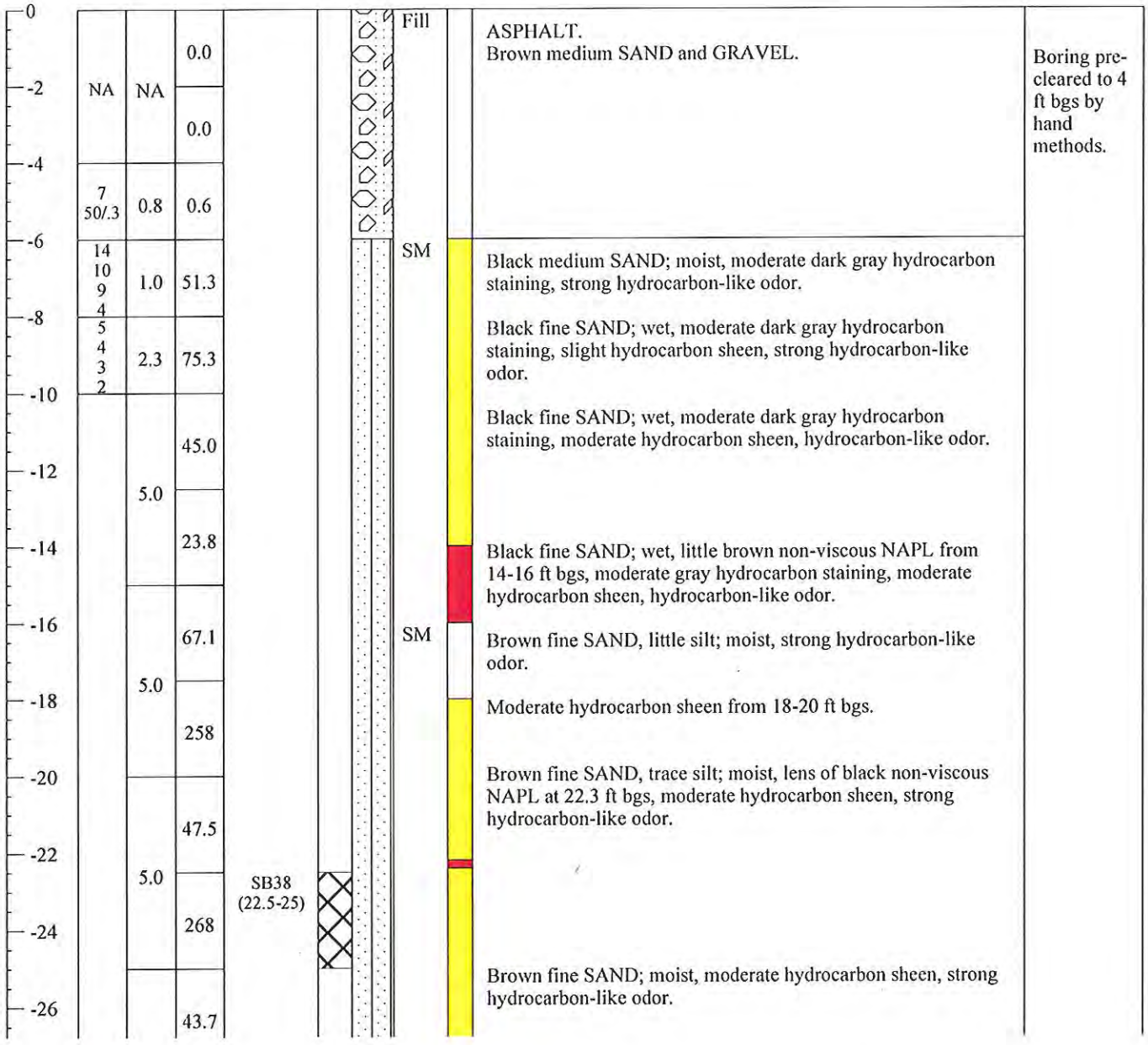
Comments: Soil samples SB37(08)(11-12) and SB37(08)(57.5-60) were analyzed for VOCs, SVOCs, TAL metals, and total cyanide.

AECOM
1001 West Seneca Street, Suite 204
Ithaca, New York, 14850

Boring ID: SB38

Project Name: Schenectady Clinton Street MGP Site
Project Number: 04980-011
Date: October 16, 2008
Boring Location: Former pump house, SMHA south parking lot
Drilling Company: Geologic NY, Inc.

Drilling Method: Sonic
Sampling Method: Sonic tube sampler
Ground Elevation (ft/msl, NAVD 88): 226.72
Total Depth: 80.0 ft bgs
Logged By: Scott Harrigan



Coal Tar or Coal Tar NAPL Saturated Soil

Hydrocarbon Staining, Hydrocarbon Sheen or NAPL Blebs

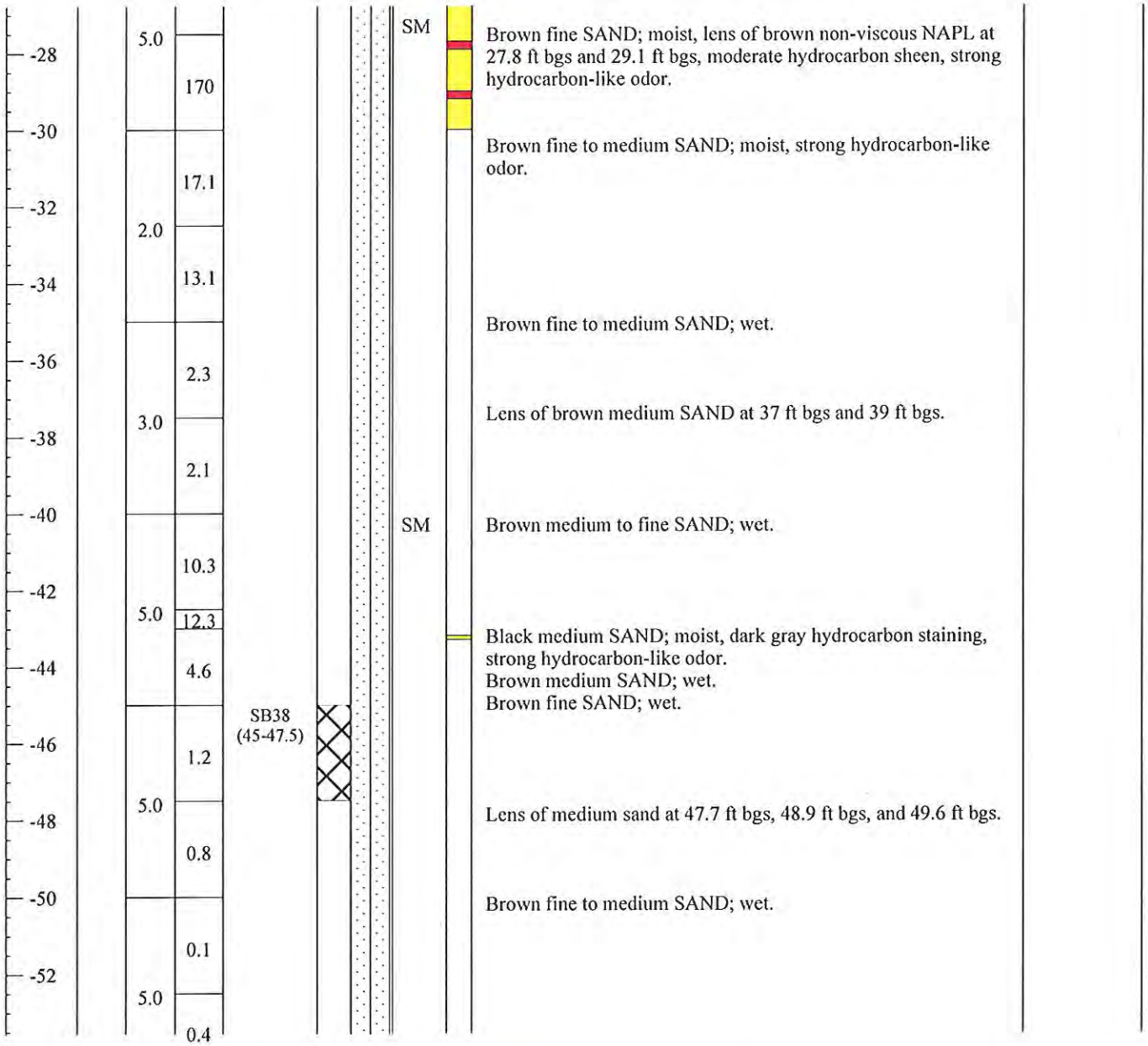
Comments: Soil samples SB38(08)(22.5-25) and SB38(08)(45-47.5) were analyzed for VOCs, SVOCs, TAL metals, and total cyanide.

AECOM
1001 West Seneca Street, Suite 204
Ithaca, New York, 14850

Boring ID: SB38

Project Name: Schenectady Clinton Street MGP Site
Project Number: 04980-011
Date: October 16, 2008
Boring Location: Former pump house, SMHA south parking lot
Drilling Company: Geologic NY, Inc.

Drilling Method: Sonic
Sampling Method: Sonic tube sampler
Ground Elevation (ft/msl, NAVD 88): 226.72
Total Depth: 80.0 ft bgs
Logged By: Scott Harrigan



Coal Tar or Coal Tar NAPL Saturated Soil

Hydrocarbon Staining, Hydrocarbon Sheen or NAPL Blebs

Comments: Soil samples SB38(08)(22.5-25) and SB38(08)(45-47.5) were analyzed for VOCs, SVOCs, TAL metals, and total cyanide.

AECOM
1001 West Seneca Street, Suite 204
Ithaca, New York, 14850

Boring ID: SB38

Project Name: Schenectady Clinton Street MGP Site
Project Number: 04980-011
Date: October 16, 2008
Boring Location: Former pump house, SMHA south parking lot
Drilling Company: Geologic NY, Inc.

Drilling Method: Sonic
Sampling Method: Sonic tube sampler
Ground Elevation (ft/msl, NAVD 88): 226.72
Total Depth: 80.0 ft bgs
Logged By: Scott Harrigan

Depth (Feet)	Blow Counts	Recovery (Feet)	PID (ppm)	Sample ID	Sample Interval	Lithology	USCS	Visual Impacts	Geologic Description	Remarks
-54			0.4				SM		Brown fine to medium SAND; wet.	
-56		4.0	0.4							
-58			0.5							
-60			0.2						Brown fine to medium SAND, trace gravel; wet.	
-62		3.0								
-64			0.2							
-66			0.2				SM			
-68		5.0	0.2							
-70									Brown medium to fine SAND, little silt; wet.	
-72		3.5	0.2							
-74			0.2							
-76			0.2						Gray fine SAND; wet.	
-78		5.0	0.3						Boring terminated at 80 ft bgs.	
-80										

Coal Tar or Coal Tar NAPL Saturated Soil

Hydrocarbon Staining, Hydrocarbon Sheen or NAPL Blebs

Comments: Soil samples SB38(08)(22.5-25) and SB38(08)(45-47.5) were analyzed for VOCs, SVOCs, TAL metals, and total cyanide.

AECOM
1001 West Seneca Street, Suite 204
Ithaca, New York, 14850

Boring ID: SB39

Project Name: Schenectady Clinton Street MGP Site
Project Number: 04980-011
Date: October 20, 2008
Boring Location: SMHA property
Drilling Company: Geologic NY, Inc.

Drilling Method: Sonic
Sampling Method: Sonic tube sampler
Ground Elevation (ft/msl, NAVD 88): 226.16
Total Depth: 68.0 ft bgs
Logged By: Jesse Lloyd

Depth (Feet)	Blow Counts	Recovery (Feet)	PID (ppm)	Sample ID	Sample Interval	Lithology	USCS	Visual Impacts	Geologic Description	Remarks
0			0.0				Fill		ASPHALT and GRAVEL, some medium to coarse brown sand. Red and yellow BRICK, some brown medium to fine sand, little gravel.	Boring pre-cleared to 5 ft bgs by hand methods.
-2	NA	NA	0.0							
			0.0							
-4			0.0							
-6	23 47 8 2	1.3	0.1						Brown fine to medium SAND, little angular gravel, trace ash; moist.	
-8	5 9 50/.4	1.4	0.4						Becomes wet at 7 ft bgs.	
	NA									
-10	11 7 4 3	1.7	0.5						Gray fine to medium SAND, little angular gravel; moist.	
-12			2.8				SM		Gray fine SAND; wet, slight hydrocarbon-like odor. Gray fine to medium SAND; wet, hydrocarbon-like odor.	
-14		3.0	0.6				PT ML		Gray PEAT, trace fine sand; moist. Gray SILT, trace fine sand; moist, soft, low plasticity.	
-16			0.6							
-18		3.5	0.5							
-20			3.5						Gray SILT, trace fine sand; wet, soft, low plasticity.	
-22		5.0								
-24			4.6				SM ML		Gray fine SAND, little silt; wet. Wood from 24.5-24.7 ft bgs. Gray SILT, trace fine sand; wet, soft.	

Coal Tar or Coal Tar NAPL Saturated Soil

Hydrocarbon Staining, Hydrocarbon Sheen or NAPL Blebs

Comments: Soil samples SB39(08)(32.5-35) and SB39(08)(47.5-50) were analyzed for VOCs, SVOCs, TAL metals, and total cyanide.

AECOM
1001 West Seneca Street, Suite 204
Ithaca, New York, 14850

Boring ID: SB39

Project Name: Schenectady Clinton Street MGP Site
Project Number: 04980-011
Date: October 20, 2008
Boring Location: SMHA property
Drilling Company: Geologic NY, Inc.

Drilling Method: Sonic
Sampling Method: Sonic tube sampler
Ground Elevation (ft/msl, NAVD 88): 226.16
Total Depth: 68.0 ft bgs
Logged By: Jesse Lloyd

Depth (Feet)	Blow Counts	Recovery (Feet)	PID (ppm)	Sample ID	Sample Interval	Lithology	USCS	Visual Impacts	Geologic Description	Remarks
-26		4.0	8.6				ML		Gray SILT, trace fine sand; wet, soft.	
-28			19.5				SM		Black fine SAND; wet, little brown non-viscous NAPL from 28-35 ft bgs, moderate hydrocarbon staining from 28-30 ft bgs, moderate hydrocarbon sheen from 30-35 ft bgs, strong hydrocarbon-like odor.	
-30		2.0	425	SB39 (32.5-35)						
-32										
-34			604							
-36		0.0	NA						Gray fine to medium SAND; wet, strong hydrocarbon-like odor.	
-38		4.0	570				SM		Moderate hydrocarbon sheen from 38-40 ft bgs.	
-40			168						Brown medium to fine SAND; wet, slight hydrocarbon-like odor.	
-42		5.0	13.8							
-44			4.0							
-46		4.0	3.4						Brown fine SAND; wet. Medium SAND from 45.5-46 ft bgs.	
-48			3.2	SB39 (47.5-50)						
-50									Brown medium to fine SAND; wet.	

Coal Tar or Coal Tar NAPL Saturated Soil

Hydrocarbon Staining, Hydrocarbon Sheen or NAPL Blebs

Comments: Soil samples SB39(08)(32.5-35) and SB39(08)(47.5-50) were analyzed for VOCs, SVOCs, TAL metals, and total cyanide.

AECOM
1001 West Seneca Street, Suite 204
Ithaca, New York, 14850

Boring ID: SB39

Project Name: Schenectady Clinton Street MGP Site
Project Number: 04980-011
Date: October 20, 2008
Boring Location: SMHA property
Drilling Company: Geologic NY, Inc.

Drilling Method: Sonic
Sampling Method: Sonic tube sampler
Ground Elevation (ft/msl, NAVD 88): 226.16
Total Depth: 68.0 ft bgs
Logged By: Jesse Lloyd

Depth (Feet)	Blow Counts	Recovery (Feet)	PID (ppm)	Sample ID	Sample Interval	Lithology	USCS	Visual Impacts	Geologic Description	Remarks
-52		5.0	2.6				SM		Brown medium to fine SAND; wet.	
			1.2						Brown fine SAND; wet. Brown medium SAND; wet. Brown fine to medium SAND; wet.	
-54										
-56		3.0	1.1							
-58			0.8							
-60									Brown fine to medium SAND; wet.	
-62		3.0	0.9							
-64			1.0							
-66		3.0	0.8							
-68			0.8						Refusal at 68 ft bgs.	

Coal Tar or Coal Tar NAPL Saturated Soil Hydrocarbon Staining, Hydrocarbon Sheen or NAPL Blebs

Comments: Soil samples SB39(08)(32.5-35) and SB39(08)(47.5-50) were analyzed for VOCs, SVOCs, TAL metals, and total cyanide.

AECOM
1001 West Seneca Street, Suite 204
Ithaca, New York, 14850

Boring ID: SB40

Project Name: Schenectady Clinton Street MGP Site
Project Number: 04980-011
Date: October 9, 2008
Boring Location: Former Purifiers
Drilling Company: Geologic NY, Inc.

Drilling Method: Sonic
Sampling Method: Sonic tube sampler
Ground Elevation (ft/msl, NAVD 88): 227.94
Total Depth: 75.0 ft bgs
Logged By: Keith Stahle

Depth (Feet)	Blow Counts	Recovery (Feet)	PID (ppm)	Sample ID	Sample Interval	Lithology	USCS	Visual Impacts	Geologic Description	Remarks
0	1 3 2 1	1.0	0.0			Fill			Brown fine to medium SAND and organic matter; dry.	
-2	2 7 13 4	1.2	0.5						Dark brown fine to medium SAND, some cobble fragments; moist.	
-4	3 4 3 4	0.0	NA						No recovery from 4-6 ft bgs.	
-6	3 3 3 3	0.2	1.1				SM		Brown SAND and COBBLE fragments; wet, trace hydrocarbon sheen, slight hydrocarbon-like odor.	
-8	3 5 6 5	1.2	16.3						WOOD fragments; moist, heavy hydrocarbon staining, moderate hydrocarbon sheen, hydrocarbon-like odor. Brown fine SAND; moderate hydrocarbon staining, hydrocarbon-like odor.	
-10	6 3 1 1	1.3	13.8						Brown fine SAND; wet, heavy hydrocarbon staining, hydrocarbon sheen, hydrocarbon-like odor.	
-12	1 1 1 1	1.8	22.6							
-14	1 1 1 1	1.8	34.5	SB40 (14-16)					Brown fine SAND; moist, hydrocarbon sheen, slight hydrocarbon-like odor.	
-16							SM		No recovery from 16-20 ft bgs.	
-18		0.0	NA							
-20			NA						Dark brown fine SAND; strong hydrocarbon-like odor.	
-22		5.0	40.0							
-24			59.4						Brown fine SAND; moist, strong hydrocarbon-like odor.	
			7.9							

Coal Tar or Coal Tar NAPL Saturated Soil

Hydrocarbon Staining, Hydrocarbon Sheen or NAPL Blebs

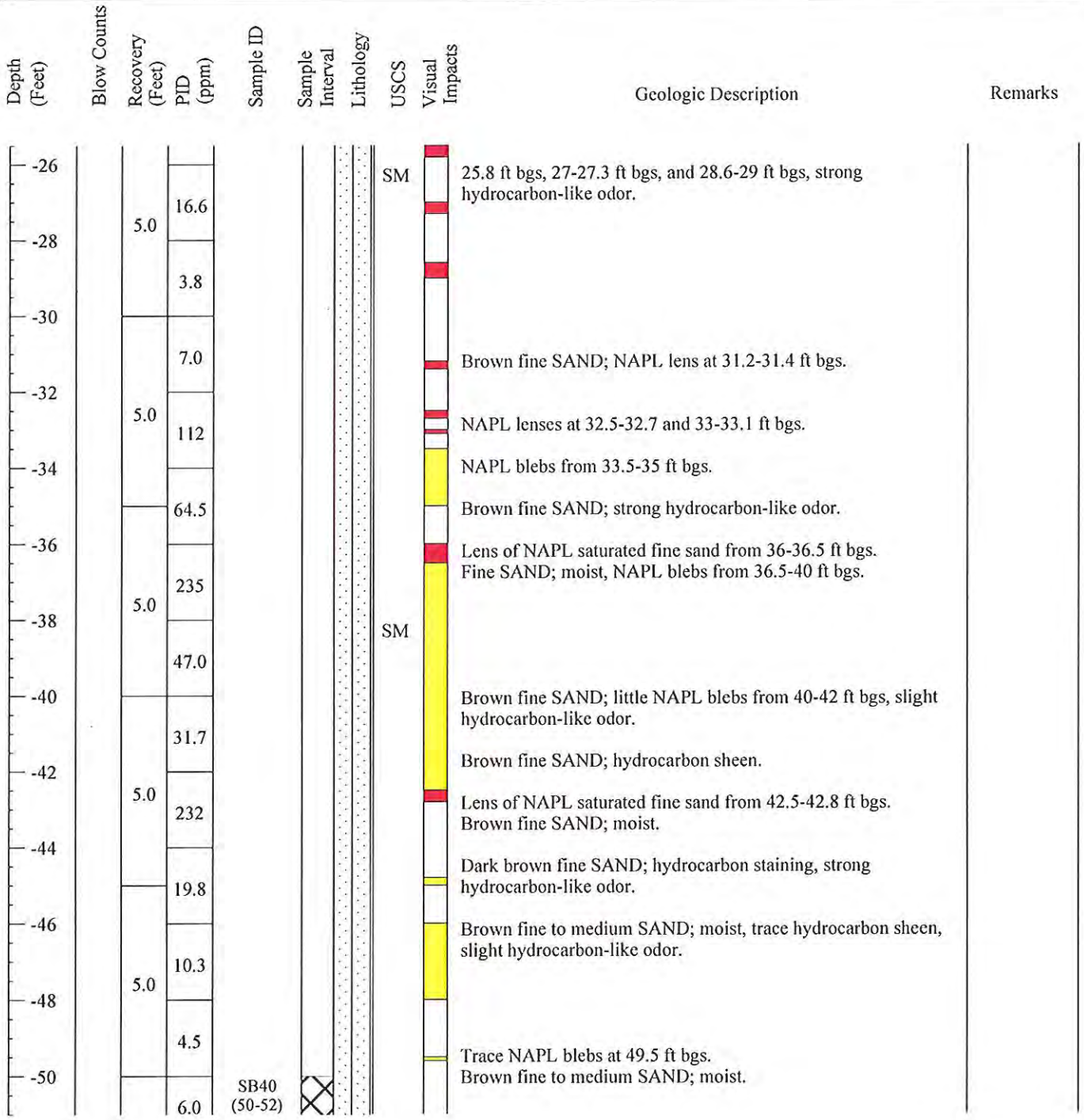
Comments: Soil samples SB40(08)(14-16) and SB40(08)(50-52) were analyzed for VOCs, SVOCs, TAL metals, and total cyanide.

AECOM
1001 West Seneca Street, Suite 204
Ithaca, New York, 14850

Boring ID: SB40

Project Name: Schenectady Clinton Street MGP Site
Project Number: 04980-011
Date: October 9, 2008
Boring Location: Former Purifiers
Drilling Company: Geologic NY, Inc.

Drilling Method: Sonic
Sampling Method: Sonic tube sampler
Ground Elevation (ft/msl, NAVD 88): 227.94
Total Depth: 75.0 ft bgs
Logged By: Keith Stahle



Coal Tar or Coal Tar NAPL Saturated Soil

Hydrocarbon Staining, Hydrocarbon Sheen or NAPL Blebs

Comments: Soil samples SB40(08)(14-16) and SB40(08)(50-52) were analyzed for VOCs, SVOCs, TAL metals, and total cyanide.

AECOM
1001 West Seneca Street, Suite 204
Ithaca, New York, 14850

Boring ID: SB40

Project Name: Schenectady Clinton Street MGP Site
Project Number: 04980-011
Date: October 9, 2008
Boring Location: Former Purifiers
Drilling Company: Geologic NY, Inc.

Drilling Method: Sonic
Sampling Method: Sonic tube sampler
Ground Elevation (ft/msl, NAVD 88): 227.94
Total Depth: 75.0 ft bgs
Logged By: Keith Stahle

Depth (Feet)	Blow Counts	Recovery (Feet)	PID (ppm)	Sample ID	Sample Interval	Lithology	USCS	Visual Impacts	Geologic Description	Remarks
-52		5.0	0.0				SM		Brown fine to medium SAND; moist.	
-54			0.2						Brown fine to medium SAND; moist, loose.	
-56		5.0	0.1						Brown fine to medium SAND; moist.	
-58			0.2							
-60			0.0							
-62		5.0	0.1				SM		Brown fine to medium SAND, trace clay; moist, loose.	
-64			0.0						Brown fine SAND; moist.	
-66		5.0	0.0						Brown fine to medium SAND; moist.	
-68			0.0						Brown fine SAND; moist.	
-70			0.0							
-72		5.0	0.0						Brown fine SAND, trace clay; moist.	
-74									Brown fine SAND; moist. Boring terminated at 75 ft bgs.	

Coal Tar or Coal Tar NAPL Saturated Soil

Hydrocarbon Staining, Hydrocarbon Sheen or NAPL Blebs

Comments: Soil samples SB40(08)(14-16) and SB40(08)(50-52) were analyzed for VOCs, SVOCs, TAL metals, and total cyanide.

AECOM
1001 West Seneca Street, Suite 204
Ithaca, New York, 14850

Boring ID: SB41

Project Name: Schenectady Clinton Street MGP Site
Project Number: 04980-011
Date: October 8, 2008
Boring Location: SMHA Center parking lot
Drilling Company: Geologic NY, Inc.

Drilling Method: Sonic
Sampling Method: Sonic tube sampler
Ground Elevation (ft/msl, NAVD 88): 229.76
Total Depth: 70.0 ft bgs
Logged By: Keith Stahle

Depth (Feet)	Blow Counts	Recovery (Feet)	PID (ppm)	Sample ID	Sample Interval	Lithology	USCS	Visual Impacts	Geologic Description	Remarks
0	4 30 8 5	0.8	0.3				Fill		ASPHALT. Brown fine SAND, trace silt, some subangular cobble fragments, trace brick fragments; dry.	
-2	5 10 12 8	1.0	0.4						Brown fine SAND and COBBLE fragments; dry.	
-4	2 1 1 1	0.8	1.3						Tan ASH and dark brown fine SAND; dry. Dark brown fine SAND and ASH, some cobble fragments; dry.	
-6	3 2 2 2	1.0	2.5						Dark brown fine SAND, some cobble fragments; dry.	
-8		1.0	2.7						Becomes wet at 8.7 ft bgs.	
-10		0.0	NA				SM		No recovery from 10-15 ft bgs.	
-12										
-14										
-16		4.5	786	SB41 (15-17)					Fine SAND; wet, heavy hydrocarbon staining, trace hydrocarbon sheen.	
-18			1456						Brown fine SAND, some silt; wet.	
-20			135	SB41 (20-22)					Brown fine SAND, little silt; wet.	
-22		5.0	1.2						Brown fine SAND, some silt; wet.	
-24			0.3							
			0.2						Brown fine SAND; wet.	

Coal Tar or Coal Tar NAPL Saturated Soil

Hydrocarbon Staining, Hydrocarbon Sheen or NAPL Blebs

Comments: Soil samples SB41(08)(15-17) and SB41(08)(20-22) were analyzed for VOCs, SVOCs, TAL metals, and total cyanide.

AECOM
1001 West Seneca Street, Suite 204
Ithaca, New York, 14850

Boring ID: SB41

Project Name: Schenectady Clinton Street MGP Site
Project Number: 04980-011
Date: October 8, 2008
Boring Location: SMHA Center parking lot
Drilling Company: Geologic NY, Inc.

Drilling Method: Sonic
Sampling Method: Sonic tube sampler
Ground Elevation (ft/msl, NAVD 88): 229.76
Total Depth: 70.0 ft bgs
Logged By: Keith Stahle

Depth (Feet)	Blow Counts	Recovery (Feet)	PID (ppm)	Sample ID	Sample Interval	Lithology	USCS	Visual Impacts	Geologic Description	Remarks
-26		5.0	0.1				SM		Reddish brown medium SAND; wet. Brown fine SAND; wet.	
-28			0.2						Reddish brown medium SAND; wet. Brown fine SAND, trace silt; wet.	
-30		5.0	0.0							
-32			0.0						Brown fine SAND; wet.	
-34		5.0	0.0							
-36			0.0						Brown fine SAND, trace silt; wet.	
-38		5.0	0.0						Brown fine SAND; wet.	
-40			0.3				SM			
-42		5.0	0.0							
-44			0.0							
-46		5.0	0.0						Brown medium SAND; wet.	
-48			0.0						Brown fine SAND, trace silt; wet.	
-50			0.0						Brown fine SAND; wet.	

Coal Tar or Coal Tar NAPL Saturated Soil

Hydrocarbon Staining, Hydrocarbon Sheen or NAPL Blebs

Comments: Soil samples SB41(08)(15-17) and SB41(08)(20-22) were analyzed for VOCs, SVOCs, TAL metals, and total cyanide.

AECOM
1001 West Seneca Street, Suite 204
Ithaca, New York, 14850

Boring ID: SB41

Project Name: Schenectady Clinton Street MGP Site
Project Number: 04980-011
Date: October 8, 2008
Boring Location: SMHA Center parking lot
Drilling Company: Geologic NY, Inc.

Drilling Method: Sonic
Sampling Method: Sonic tube sampler
Ground Elevation (ft/msl, NAVD 88): 229.76
Total Depth: 70.0 ft bgs
Logged By: Keith Stahle

Depth (Feet)	Blow Counts	Recovery (Feet)	PID (ppm)	Sample ID	Sample Interval	Lithology	USCS	Visual Impacts	Geologic Description	Remarks
-52		5.0	0.0				SM		Brown medium SAND; wet.	
-54			0.0						Brown medium to fine SAND; wet.	
-56		5.0	0.1							
-58			0.0							
-60		5.0	0.0				SM			
-62			0.1							
-64		5.0	0.0						Brown medium SAND; wet, well sorted.	
-66			0.1							
-68			0.0						Brown medium SAND; wet.	
-70									Boring terminated at 70 ft bgs.	

Coal Tar or Coal Tar NAPL Saturated Soil

Hydrocarbon Staining, Hydrocarbon Sheen or NAPL Blebs

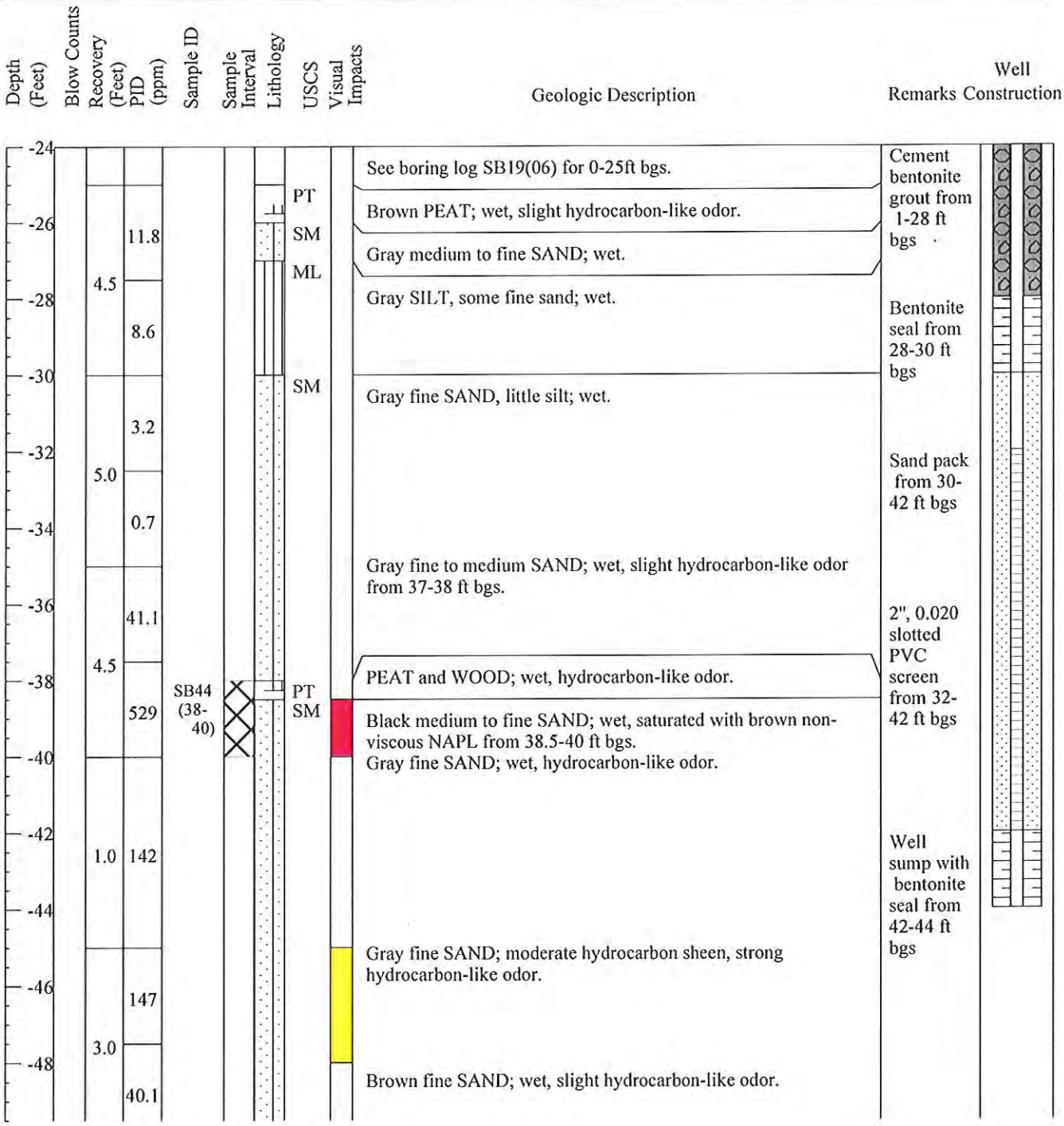
Comments: Soil samples SB41(08)(15-17) and SB41(08)(20-22) were analyzed for VOCs, SVOCs, TAL metals, and total cyanide.

AECOM
1001 West Seneca Street, Suite 204
Ithaca, New York, 14850

Well ID: MW8D/SB44

Project Name: Schenectady Clinton Street MGP Site
Project Number: 04980-011
Date: November 5, 2008
Boring Location: Former Tar well B, east side of Broadway
Drilling Company: Geologic NY, Inc.

Drilling Method: Sonic
PVC Elevation (ft/msl, NAVD 88): 225.67
Ground Elevation (ft/msl, NAVD 88): 225.92
Total Depth: 75.0 ft bgs
Logged By: Jesse Lloyd



Coal Tar or Coal Tar NAPL Saturated Soil

Hydrocarbon Staining, Hydrocarbon Sheen or NAPL Blebs

Comments: Soil samples SB44(08)(38-40) and SB44(08)(52.5-55) were analyzed for VOCs, SVOCs, TAL metals, and total cyanide.

AECOM
1001 West Seneca Street, Suite 204
Ithaca, New York, 14850

Well ID: MW8D/SB44

Project Name: Schenectady Clinton Street MGP Site
Project Number: 04980-011
Date: November 5, 2008
Boring Location: Former Tar well B, east side of Broadway
Drilling Company: Geologic NY, Inc.

Drilling Method: Sonic
PVC Elevation (ft/msl, NAVD 88): 225.67
Ground Elevation (ft/msl, NAVD 88): 225.92
Total Depth: 75.0 ft bgs
Logged By: Jesse Lloyd

Depth (Feet)	Blow Counts	Recovery (Feet)	PID (ppm)	Sample ID	Sample Interval	Lithology	USCS	Visual Impacts	Geologic Description	Well Remarks	Well Construction
-50		4.0	0.6	SB44 (52.5-55)			SM		Brown fine SAND; wet.		
-52											
-54			0.7								
-56		5.0	0.5						Brown fine SAND; wet.		
-58			1.0								
-60		5.0	0.4				SM				
-62											
-64			0.4						Brown fine to medium SAND; wet.		
-66		2.5	0.5								
-68			0.4								
-70		5.0	0.4								
-72											
-74			0.4						Boring terminated at 75 ft bgs.		

Coal Tar or Coal Tar NAPL Saturated Soil

Hydrocarbon Staining, Hydrocarbon Sheen or NAPL Blebs

Comments: Soil samples SB44(08)(38-40) and SB44(08)(52.5-55) were analyzed for VOCs, SVOCs, TAL metals, and total cyanide.

AECOM
1001 West Seneca Street, Suite 204
Ithaca, New York, 14850

Boring ID: SB45

Project Name: Schenectady Clinton Street MGP Site
Project Number: 04980-011
Date: October 6, 2008
Boring Location: SMHA Center parking lot
Drilling Company: Geologic NY, Inc.

Drilling Method: Sonic
Sampling Method: Sonic tube sampler
Ground Elevation (ft/msl, NAVD 88): 227.27
Total Depth: 90.0 ft bgs
Logged By: Keith Stahle

Depth (Feet)	Blow Counts	Recovery (Feet)	PID (ppm)	Sample ID	Sample Interval	Lithology	USCS	Visual Impacts	Geologic Description	Remarks
0	0.5 3 5 8	1.0	9.1				Fill		ASPHALT. Brown fine SILT, trace coal fragments and brick; moist.	
-2	6 10 8 10	0.6	37.0						BRICK and COBBLE fragments, trace sand; moist.	
-4	7 30 45 50/.3	0.5	132						Brown silty SAND, trace coal and cobble fragments; hydrocarbon-like odor from 4.8-5.2 ft bgs.	
-6		0.0	NA						Augured through obstruction from5.8-8 ft bgs.	
-8		1.0	1449	SB45 (8-10)			SM		Fine SAND; wet, some black coal tar NAPL from 8-15 ft bgs.	
-10		4.0	105							
-12			105							
-14			45.2						Brown fine SAND; moist, mixed with coal tar NAPL from 15-16 ft bgs.	
-16		4.5	33.5						Brown fine SAND, some dark brown peat; wet.	
-18			0.6						Dark brown fine SAND, some black peat; wet. Brown fine SAND; wet.	
-20		5.0	0.3	SB45 (20-22)					Brown fine SAND, some brown silt; wet.	
-22			0.4							
-24			0.5						Brown fine SAND, some brown fine silt; wet.	

Coal Tar or Coal Tar NAPL Saturated Soil

Hydrocarbon Staining, Hydrocarbon Sheen or NAPL Blebs

Comments: Soil samples SB45(08)(8-10) and SB45(08)(20-22) were analyzed for VOCs, SVOCs, TAL metals, and total cyanide.

AECOM
1001 West Seneca Street, Suite 204
Ithaca, New York, 14850

Boring ID: SB45

Project Name: Schenectady Clinton Street MGP Site
Project Number: 04980-011
Date: October 6, 2008
Boring Location: SMHA Center parking lot
Drilling Company: Geologic NY, Inc.

Drilling Method: Sonic
Sampling Method: Sonic tube sampler
Ground Elevation (ft/msl, NAVD 88): 227.27
Total Depth: 90.0 ft bgs
Logged By: Keith Stahle

Depth (Feet)	Blow Counts	Recovery (Feet)	PID (ppm)	Sample ID	Sample Interval	Lithology	USCS	Visual Impacts	Geologic Description	Remarks
-26		5.0	1.6				SM		Brown fine SAND, some brown fine silt; wet.	
-28			2.4						Brown fine SAND, some brown fine silt; wet.	
-30		5.0	1.2						Brown fine SAND, little silt; wet.	
-32			0.9						Brown fine SAND; wet.	
-34			0.5							
-36		5.0	0.3							
-38			0.4				SM		Brown fine SAND; wet.	
-40		5.0	0.8							
-42			1.0							
-44		5.0	0.7							
-46			0.2							
-48			0.3							
-50			0.5						Brown medium to coarse SAND; wet, loose.	

Coal Tar or Coal Tar NAPL Saturated Soil Hydrocarbon Staining, Hydrocarbon Sheen or NAPL Blebs

Comments: Soil samples SB45(08)(8-10) and SB45(08)(20-22) were analyzed for VOCs, SVOCs, TAL metals, and total cyanide.

AECOM
1001 West Seneca Street, Suite 204
Ithaca, New York, 14850

Boring ID: SB45

Project Name: Schenectady Clinton Street MGP Site
Project Number: 04980-011
Date: October 6, 2008
Boring Location: SMHA Center parking lot
Drilling Company: Geologic NY, Inc.

Drilling Method: Sonic
Sampling Method: Sonic tube sampler
Ground Elevation (ft/msl, NAVD 88): 227.27
Total Depth: 90.0 ft bgs
Logged By: Keith Stahle

Depth (Feet)	Blow Counts	Recovery (Feet)	PID (ppm)	Sample ID	Sample Interval	Lithology	USCS	Visual Impacts	Geologic Description	Remarks
-52		5.0	0.4				SM		Brown fine SAND, some silt; wet.	
									Brown fine SAND; wet.	
-54			0.4							
-56		4.0	0.4							
-58			0.1						Lens of brown medium sand; wet, loose from 57.5-57.8 ft bgs. Lens of brown clay from 58-58.2 ft bgs.	
-60		0.0	NA						Lens of brown medium sand at 59.5 and 59.7 ft bgs. No recovery from 60-65 ft bgs.	
-62			NA							
-64		4.5	0.3				SM		Brown medium to fine SAND; wet, loose.	
-66			0.4						Brown fine SAND; wet.	
-68			0.2							
-70		5.0	0.2						Brown fine SAND; wet, well sorted.	
									Lens of red medium sand; moist from 71-71.3 ft bgs.	
-72			0.3						Brown fine SAND; wet.	
-74			0.4						Lens of gray clay; loose at 74.5 ft bgs. Brown medium SAND; wet, well sorted.	
-76										

Coal Tar or Coal Tar NAPL Saturated Soil

Hydrocarbon Staining, Hydrocarbon Sheen or NAPL Blebs

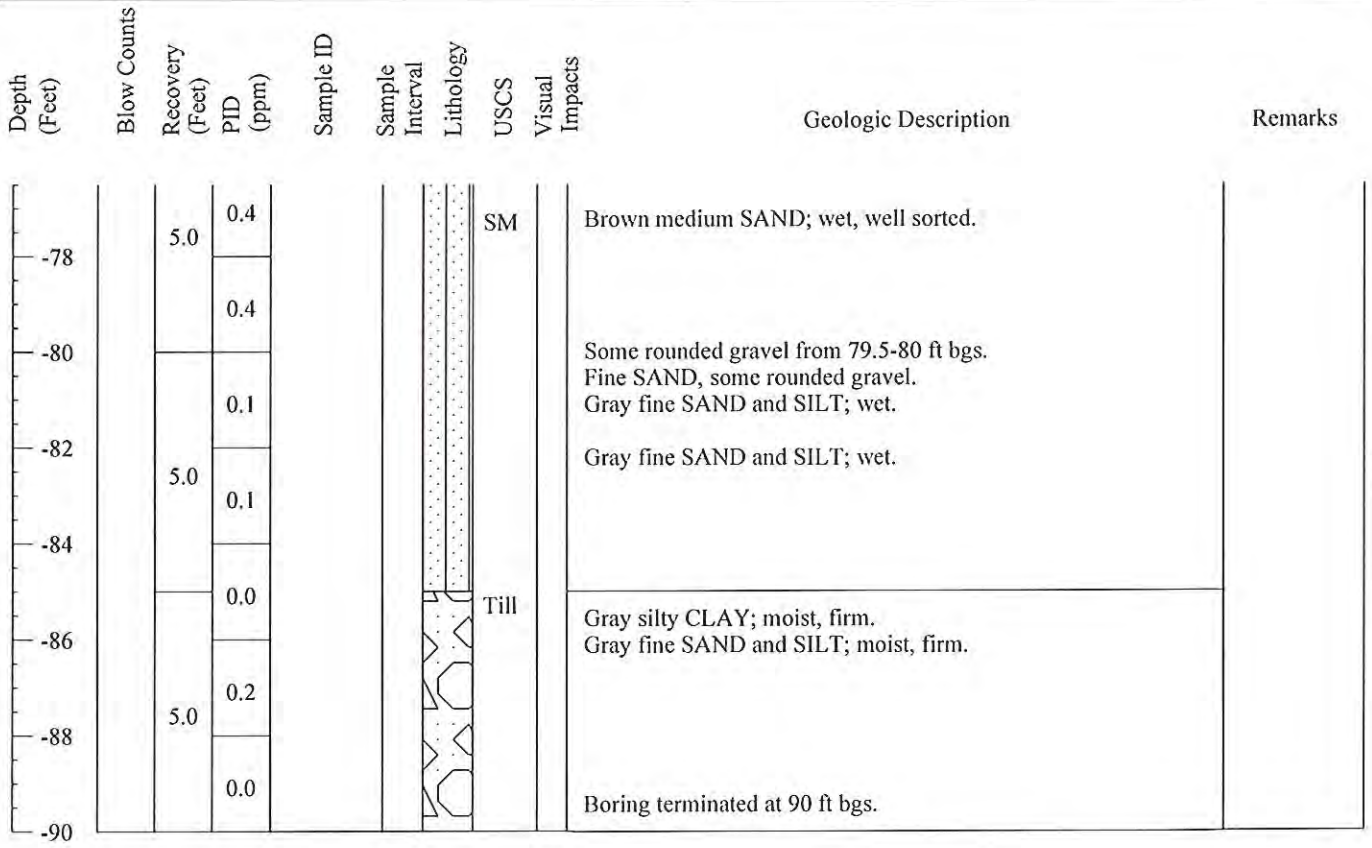
Comments: Soil samples SB45(08)(8-10) and SB45(08)(20-22) were analyzed for VOCs, SVOCs, TAL metals, and total cyanide.

AECOM
1001 West Seneca Street, Suite 204
Ithaca, New York, 14850

Boring ID: SB45

Project Name: Schenectady Clinton Street MGP Site
Project Number: 04980-011
Date: October 6, 2008
Boring Location: SMHA Center parking lot
Drilling Company: Geologic NY, Inc.

Drilling Method: Sonic
Sampling Method: Sonic tube sampler
Ground Elevation (ft/msl, NAVD 88): 227.27
Total Depth: 90.0 ft bgs
Logged By: Keith Stahle



Coal Tar or Coal Tar NAPL Saturated Soil Hydrocarbon Staining, Hydrocarbon Sheen or NAPL Blebs

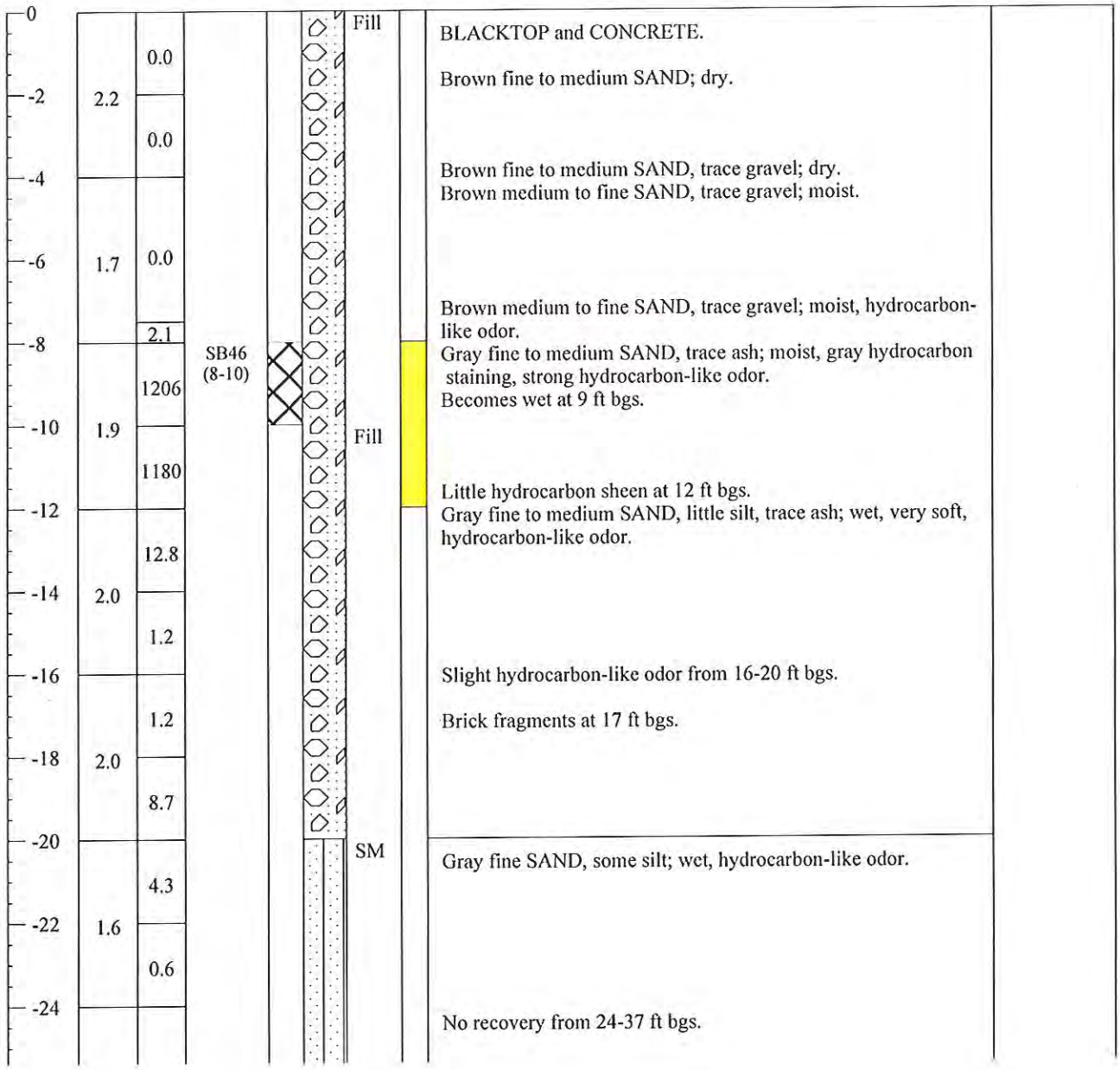
Comments: Soil samples SB45(08)(8-10) and SB45(08)(20-22) were analyzed for VOCs, SVOCs, TAL metals, and total cyanide.

AECOM
1001 West Seneca Street, Suite 204
Ithaca, New York, 14850

Boring ID: SB46

Project Name: Schenectady Clinton Street MGP Site
Project Number: 04980-011
Date: July 24, 2008
Boring Location: South of Holder B
Drilling Company: Geologic NY, Inc.

Drilling Method: Sonic
Sampling Method: Sonic tube sampler / Macro-core
Ground Elevation (ft/msl, NAVD 88): 226.71
Total Depth: 90.0 ft bgs
Logged By: Scott Harrigan



Coal Tar or Coal Tar NAPL Saturated Soil Hydrocarbon Staining, Hydrocarbon Sheen or NAPL Blebs

Comments: Soil samples SB46(08)(8-10) and SB46(08)(74-76) were analyzed for VOCs, SVOCs, TAL metals, and total cyanide.

AECOM
1001 West Seneca Street, Suite 204
Ithaca, New York, 14850

Boring ID: SB46

Project Name: Schenectady Clinton Street MGP Site
Project Number: 04980-011
Date: July 24, 2008
Boring Location: South of Holder B
Drilling Company: Geologic NY, Inc.

Drilling Method: Sonic
Sampling Method: Sonic tube sampler / Macro-core
Ground Elevation (ft/msl, NAVD 88): 226.71
Total Depth: 90.0 ft bgs
Logged By: Scott Harrigan

Depth (Feet)	Recovery (Feet)	PID (ppm)	Sample ID	Sample Interval	Lithology	USCS	Visual Impacts	Geologic Description	Remarks
-26						SM		No recovery from 24-37 ft bgs.	
-28									
-30	0.0	NA							
-32									
-34									
-36									
								Dark gray fine to medium SAND; moist.	
-38		0.5				SM			
	2.3								
-40		0.4							
-42								Brown fine to medium SAND; moist.	
		0.4							
-44	2.2								
		0.4							
-46									
								Brown fine to medium SAND, little silt; moist.	
-48		0.3							
	1.9								
-50		0.4							

Coal Tar or Coal Tar NAPL Saturated Soil Hydrocarbon Staining, Hydrocarbon Sheen or NAPL Blebs

Comments: Soil samples SB46(08)(8-10) and SB46(08)(74-76) were analyzed for VOCs, SVOCs, TAL metals, and total cyanide.

AECOM
1001 West Seneca Street, Suite 204
Ithaca, New York, 14850

Boring ID: SB46

Project Name: Schenectady Clinton Street MGP Site
Project Number: 04980-011
Date: July 24, 2008
Boring Location: South of Holder B
Drilling Company: Geologic NY, Inc.

Drilling Method: Sonic
Sampling Method: Sonic tube sampler / Macro-core
Ground Elevation (ft/msl, NAVD 88): 226.71
Total Depth: 90.0 ft bgs
Logged By: Scott Harrigan

Depth (Feet)	Recovery (Feet)	PID (ppm)	Sample ID	Sample Interval	Lithology	USCS	Visual Impacts	Geologic Description	Remarks
-52						SM		Brown fine to medium SAND, little silt; moist.	
		0.5							
-54	2.7								
		0.4							
-56									
								Brown fine to medium SAND, trace silt, trace coarse sand from 61-62 ft bgs.	
-58									
	5.0	0.3							
-60									
-62								Brown fine to medium SAND; wet.	
		0.3							
-64	3.0					SM			
		0.4							
-66								Brown medium to coarse SAND; wet.	
	2.0	0.6							
-68									
								Brown medium to coarse to fine SAND; wet.	
-70									
-72	2.6	0.6				ML		Gray SILT, some fine sand; moist, firm.	
-74			SB46 (74-76)			SM		Gray SAND, little silt; wet, firm.	
		0.8							
-76	2.4								

Coal Tar or Coal Tar NAPL Saturated Soil

Hydrocarbon Staining, Hydrocarbon Sheen or NAPL Blebs

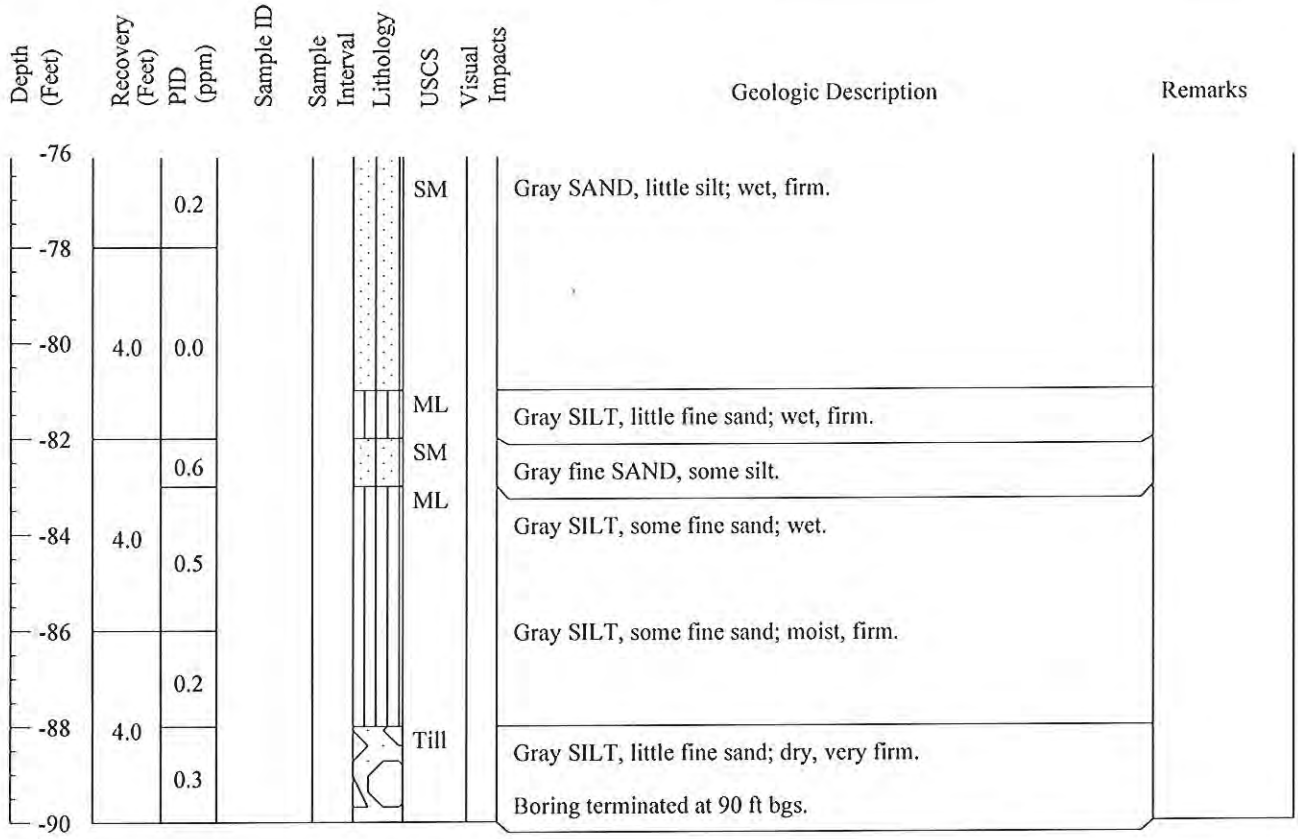
Comments: Soil samples SB46(08)(8-10) and SB46(08)(74-76) were analyzed for VOCs, SVOCs, TAL metals, and total cyanide.

AECOM
1001 West Seneca Street, Suite 204
Ithaca, New York, 14850

Boring ID: SB46

Project Name: Schenectady Clinton Street MGP Site
Project Number: 04980-011
Date: July 24, 2008
Boring Location: South of Holder B
Drilling Company: Geologic NY, Inc.

Drilling Method: Sonic
Sampling Method: Sonic tube sampler / Macro-core
Ground Elevation (ft/msl, NAVD 88): 226.71
Total Depth: 90.0 ft bgs
Logged By: Scott Harrigan



Coal Tar or Coal Tar NAPL Saturated Soil Hydrocarbon Staining, Hydrocarbon Sheen or NAPL Blebs

Comments: Soil samples SB46(08)(8-10) and SB46(08)(74-76) were analyzed for VOCs, SVOCs, TAL metals, and total cyanide.

AECOM
1001 West Seneca Street, Suite 204
Ithaca, New York, 14850

Well ID: MW15D/SB47

Project Name: Schenectady Clinton Street MGP Site
Project Number: 04980-011
Date: November 4, 2008
Boring Location: Island at Broadway & Clinton St.
Drilling Company: Geologic NY, Inc.

Drilling Method: Sonic
PVC Elevation (ft/msl, NAVD 88): 225.24
Ground Elevation (ft/msl, NAVD 88): 225.66
Total Depth: 50.0 ft bgs
Logged By: Jesse Lloyd

Depth (Feet)	Blow Counts	Recovery (Feet)	PID (ppm)	Sample ID	Sample Interval	Lithology	USCS	Visual Impacts	Geologic Description	Remarks	Well Construction
0			0.0				Fill		TOPSOIL and brown fine to medium SAND; dry.	Flush mounted curb box	
			0.3						Brown fine to medium SAND, some silt, little gravel; dry.		
-2	NA	NA	0.8						Brown fine to medium SAND, some gravel and brick fragments; moist.	Boring pre-cleared to 5 ft bgs by hand methods.	
			2.6						Brown fine to emdium SAND, some silt; moist.		
-4			23.7						Brown fine to medium SAND, some silt, little cinders and coal fragments, trace wood fragments; dry, slight hydrocarbon-like odor.		
	2 2 1 1	1.4	1.1						Brown SILT, some fine to medium SAND, little gravel; wet, slight hydrocarbon-like odor.		
-6											
	8 17 8 25	1.2	56.0						Black fine SAND, little silt and coal fragments; wet, hydrocarbon staining, slight hydrocarbon-like odor.	Cement bentonite grout from 1-26 ft bgs	
-8									Brown SILT; wet.		
	7 6 6 5	1.6	87.8				SM		Black fine SAND, little silt; wet, hydrocarbon staining and moderate sheen, hydrocarbon-like odor.		
-10									Brown fine SAND; wet, hydrocarbon-like odor.		
	6 5 4 6	0.6	28.9								
-12									Brown fine to medium SAND, little silt and peat, trace wood fragments; wet, hydrocarbon-like odor.		
			67.3								
-14		3.5									
			124								
-16											
			222	SB47 (18-20.5)			OL		Gray SILT, little peat; moist, hydrocarbon-like odor.		
-18											
		3.5									
-20			18.7								
									Gray SILT, little peat; wet.		
-22											
			5.6								
-24		3.5									

Coal Tar or Coal Tar NAPL Saturated Soil

Hydrocarbon Staining, Hydrocarbon Sheen or NAPL Blebs

Comments: Soil samples SB47(08)(18-20.5) and SB47(08)(38-40) were analyzed for VOCs, SVOCs, TAL metals, and total cyanide.

AECOM
1001 West Seneca Street, Suite 204
Ithaca, New York, 14850

Well ID: MW15D/SB47

Project Name: Schenectady Clinton Street MGP Site
Project Number: 04980-011
Date: November 4, 2008
Boring Location: Island at Broadway & Clinton St.
Drilling Company: Geologic NY, Inc.

Drilling Method: Sonic
PVC Elevation (ft/msl, NAVD 88): 225.24
Ground Elevation (ft/msl, NAVD 88): 225.66
Total Depth: 50.0 ft bgs
Logged By: Jesse Lloyd

Depth (Feet)	Blow Counts Recovery (Feet)	PID (ppm)	Sample ID	Sample Interval	Lithology	USCS	Visual Impacts	Geologic Description	Well Remarks	Well Construction
-26		7.6				OL		Gray SILT, little peat; wet.	Bentonite seal from 26-28 ft bgs	
-28		4.2						Gray SILT, trace fine sand and peat; wet, firm.	Sand pack from 28-40 ft bgs	
-30	4.0	3.1								
-32		6.5						Gray SILT, trace fine sand and peat.	2", 0.020 slotted PVC screen from 30-40 ft bgs	
-34	1.0	4.2								
-36		0.8	SB47 (38-40)							
-38	2.0	0.7				SM		Gray fine to medium SAND, trace gravel; wet. Brown fine to medium SAND; wet.	Well sump with bentonite seal from 40-42 ft bgs	
-40		0.6								
-42	2.5	0.5								
-44		0.5								
-46	5.0	0.5								
-48	1.5	0.4						Boring terminated at 50 ft bgs.		
-50										

Coal Tar or Coal Tar NAPL Saturated Soil

Hydrocarbon Staining, Hydrocarbon Sheen or NAPL Blebs

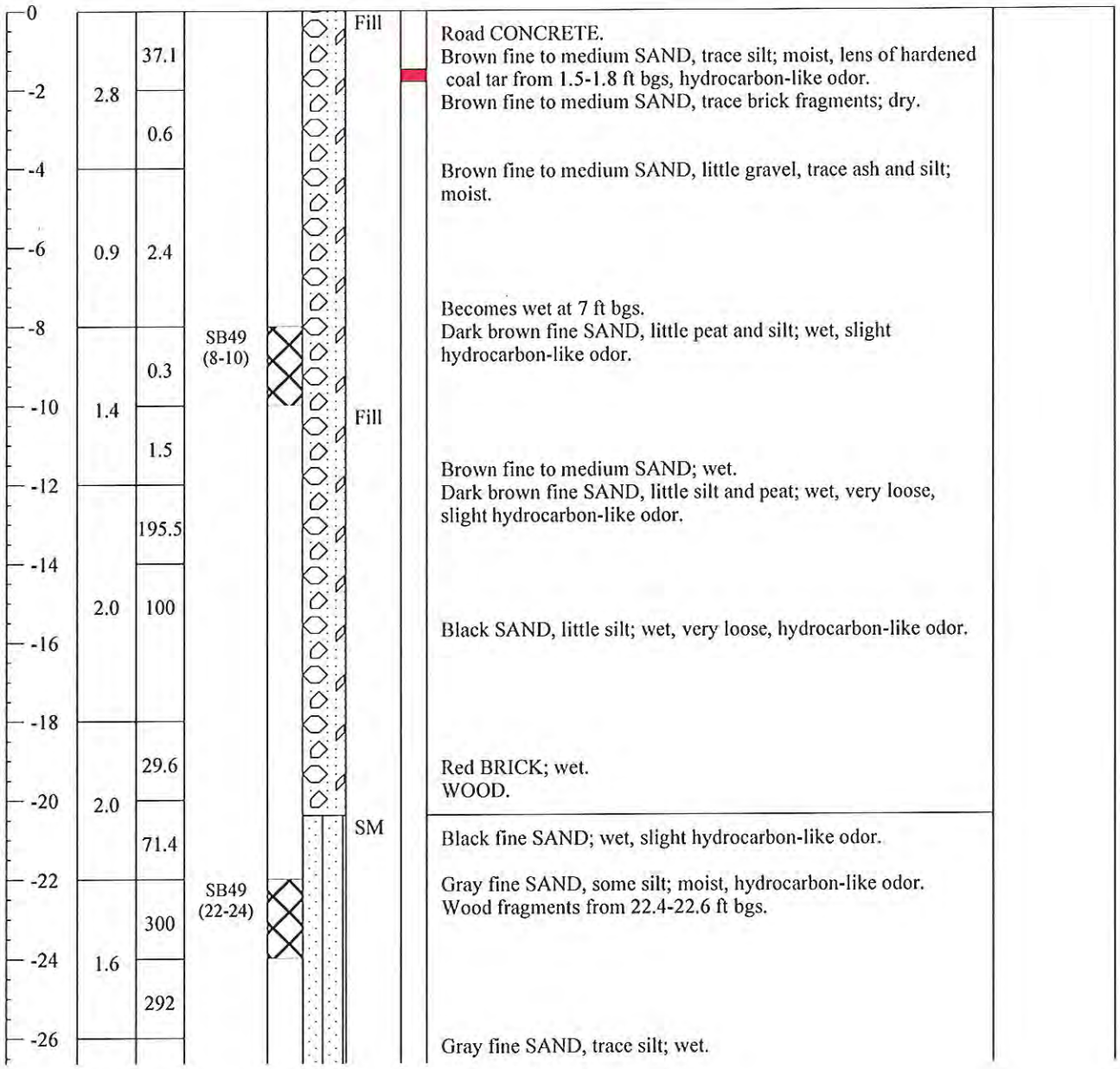
Comments: Soil samples SB47(08)(18-20.5) and SB47(08)(38-40) were analyzed for VOCs, SVOCs, TAL metals, and total cyanide.

AECOM
1001 West Seneca Street, Suite 204
Ithaca, New York, 14850

Boring ID: SB49

Project Name: Schenectady Clinton Street MGP Site
Project Number: 04980-011
Date: August 1, 2008
Boring Location: West of Holder B
Drilling Company: Geologic NY, Inc.

Drilling Method: Auger, mud rotary
Sampling Method: Macro-core
Ground Elevation (ft/msl, NAVD 88): 225.56
Total Depth: 78.0 ft bgs
Logged By: Scott Harrigan



Coal Tar or Coal Tar NAPL Saturated Soil Hydrocarbon Staining, Hydrocarbon Sheen or NAPL Blebs

Comments: Soil samples SB49(08)(8-10), SB49(08)(22-24), SB49(08)(28-30), and SB49(08)(72-74) were analyzed for VOCs, SVOCs, TAL metals, and total cyanide.

AECOM
1001 West Seneca Street, Suite 204
Ithaca, New York, 14850

Boring ID: SB49

Project Name: Schenectady Clinton Street MGP Site
Project Number: 04980-011
Date: August 1, 2008
Boring Location: West of Holder B
Drilling Company: Geologic NY, Inc.

Drilling Method: Auger, mud rotary
Sampling Method: Macro-core
Ground Elevation (ft/msl, NAVD 88): 225.56
Total Depth: 78.0 ft bgs
Logged By: Scott Harrigan

Depth (Feet)	Recovery (Feet)	PID (ppm)	Sample ID	Sample Interval	Lithology	USCS	Visual Impacts	Geologic Description	Remarks
-28	3.1	220	SB49 (28-30)			SM		Gray fine SAND, trace silt; wet.	
		230							
-30		265							
-32	2.9	281							
-34		0.4						Brown fine to medium SAND; wet.	
-36	2.4	2.1							
-38									
-40	1.2	0.5				SM		Brown fine to medium SAND; wet.	
-42		1.2							
-44	1.8	0.8							
-46		2.2							
-48	2.1	1.1							
-50		1.0						Brown fine SAND; wet.	
-52	2.3	0.6							

Coal Tar or Coal Tar NAPL Saturated Soil Hydrocarbon Staining, Hydrocarbon Sheen or NAPL Blebs

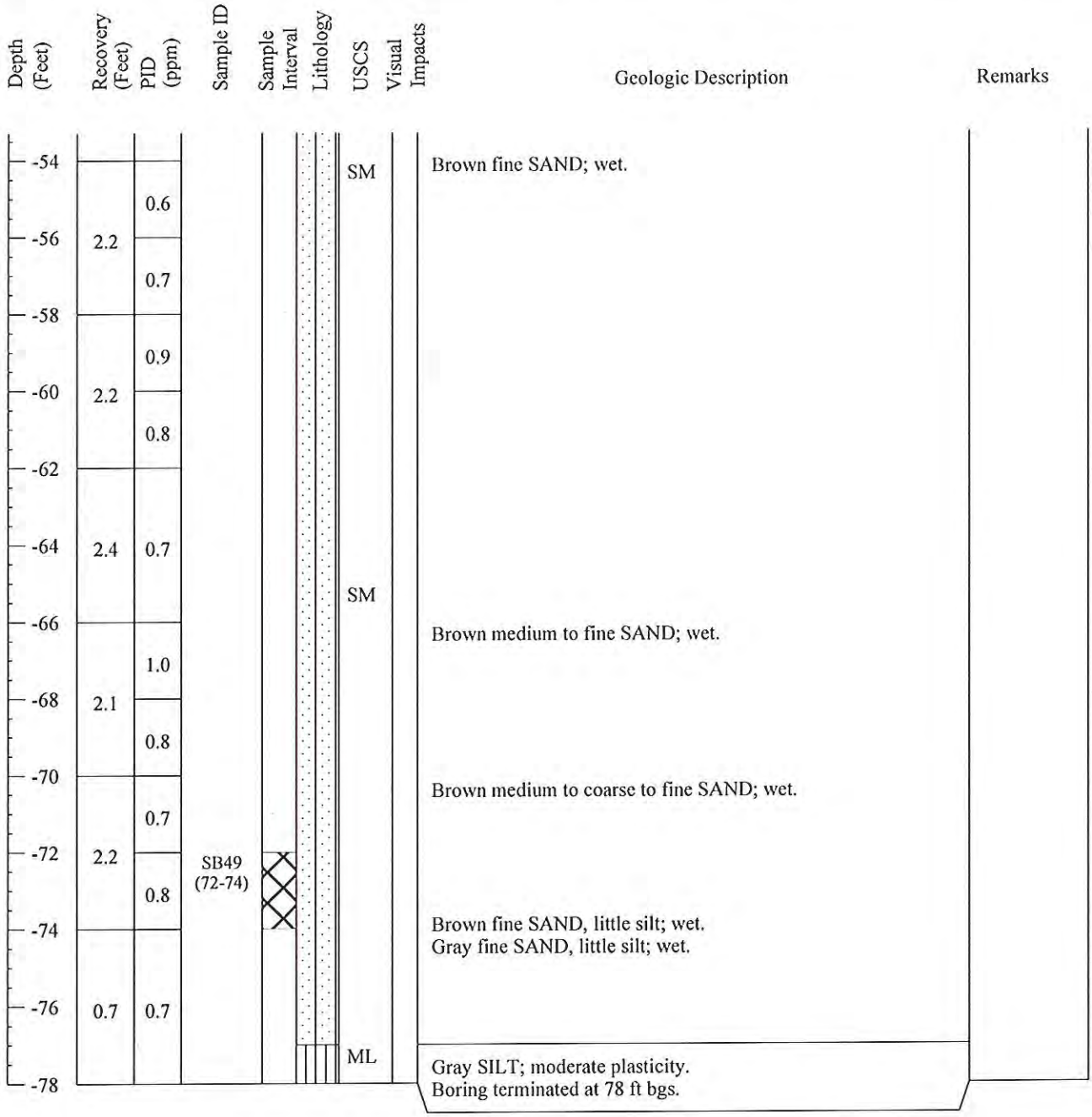
Comments: Soil samples SB49(08)(8-10), SB49(08)(22-24), SB49(08)(28-30), and SB49(08)(72-74) were analyzed for VOCs, SVOCs, TAL metals, and total cyanide.

AECOM
1001 West Seneca Street, Suite 204
Ithaca, New York, 14850

Boring ID: SB49

Project Name: Schenectady Clinton Street MGP Site
Project Number: 04980-011
Date: August 1, 2008
Boring Location: West of Holder B
Drilling Company: Geologic NY, Inc.

Drilling Method: Auger, mud rotary
Sampling Method: Macro-core
Ground Elevation (ft/msl, NAVD 88): 225.56
Total Depth: 78.0 ft bgs
Logged By: Scott Harrigan



Coal Tar or Coal Tar NAPL Saturated Soil Hydrocarbon Staining, Hydrocarbon Sheen or NAPL Blebs

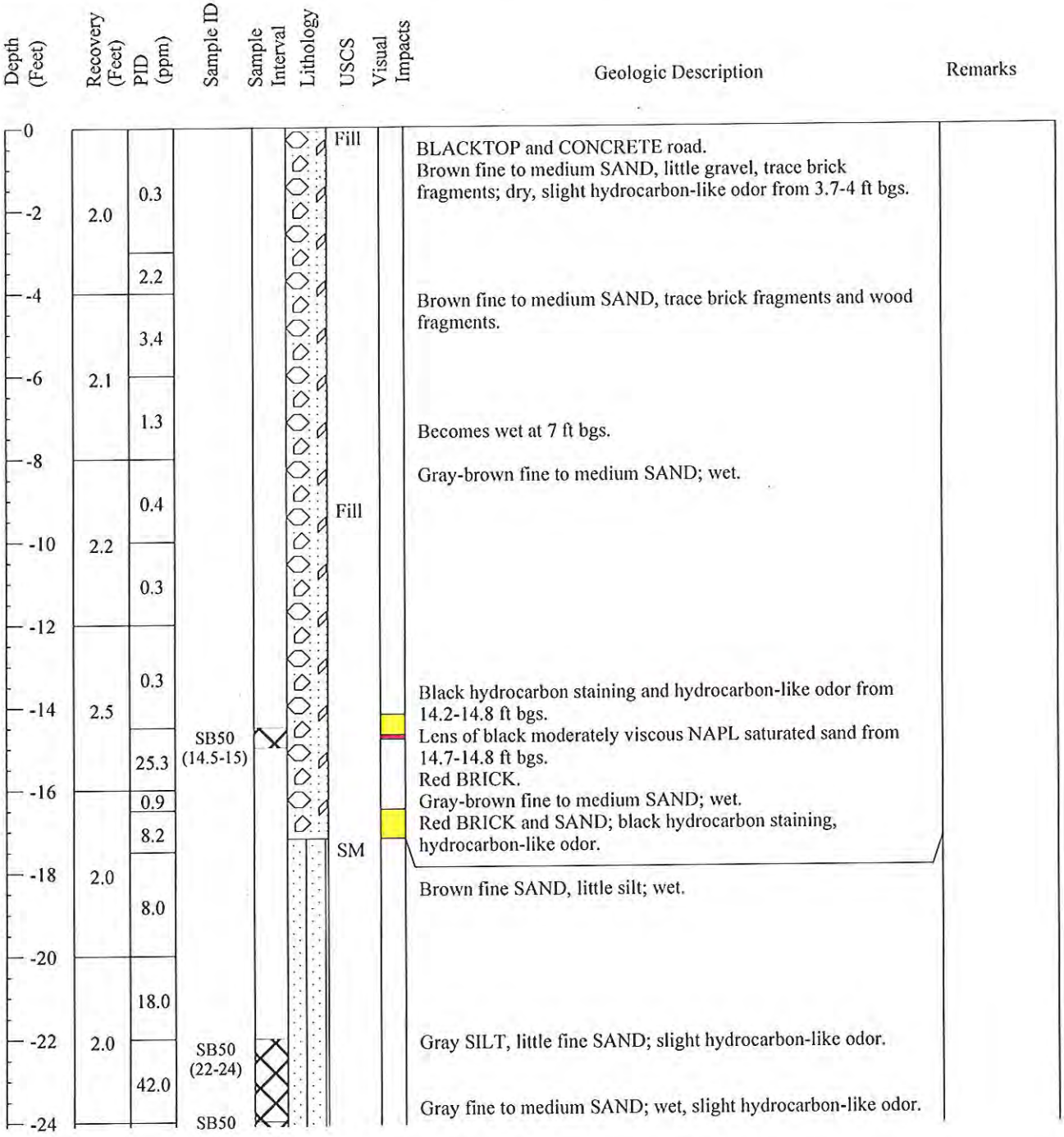
Comments: Soil samples SB49(08)(8-10), SB49(08)(22-24), SB49(08)(28-30), and SB49(08)(72-74) were analyzed for VOCs, SVOCs, TAL metals, and total cyanide.

AECOM
1001 West Seneca Street, Suite 204
Ithaca, New York, 14850

Boring ID: SB50

Project Name: Schenectady Clinton Street MGP Site
Project Number: 04980-011
Date: July 17, 2008
Boring Location: Center of Holder B
Drilling Company: Geologic NY, Inc.

Drilling Method: Auger, mud rotary
Sampling Method: Macro-core
Ground Elevation (ft/msl, NAVD 88): 228.48
Total Depth: 91.0 ft bgs
Logged By: Jesse Lloyd



Coal Tar or Coal Tar NAPL Saturated Soil Hydrocarbon Staining, Hydrocarbon Sheen or NAPL Blebs

Comments: Soil samples SB50(08)(14.5-15), SB50(08)(22-24), SB50(08)(24-26), and SB49(08)(80-81) were analyzed for VOCs, SVOCs, TAL metals, and total cyanide.

AECOM
1001 West Seneca Street, Suite 204
Ithaca, New York, 14850

Boring ID: SB50

Project Name: Schenectady Clinton Street MGP Site
Project Number: 04980-011
Date: July 17, 2008
Boring Location: Center of Holder B
Drilling Company: Geologic NY, Inc.

Drilling Method: Auger, mud rotary
Sampling Method: Macro-core
Ground Elevation (ft/msl, NAVD 88): 228.48
Total Depth: 91.0 ft bgs
Logged By: Jesse Lloyd

Depth (Feet)	Recovery (Feet)	PID (ppm)	Sample ID	Sample Interval	Lithology	USCS	Visual Impacts	Geologic Description	Remarks
-24									
		2.6	(24-26)			SM		Gray fine to medium SAND; wet, slight hydrocarbon-like odor.	
-26	1.5								
		2.6							
-28								Gray fine SAND, little silt; wet, slight hydrocarbon-like odor.	
		2.0							
-30	1.8								
		1.9							
-32								Gray fine to medium SAND; wet.	
		0.6							
-34	1.9								
		2.0						Gray fine SAND; wet.	
-36									
						SM		Gray fine to medium SAND; wet.	
-38		0.6							
	1.5								
		0.5							
-40								Gray fine to medium SAND; wet, slight hydrocarbon-like odor.	
-42	0.4	0.9							
-44								Brown fine to medium SAND; wet.	
-46	1.9	0.4							
-48								Gray-brown fine SAND; wet.	

Coal Tar or Coal Tar NAPL Saturated Soil Hydrocarbon Staining, Hydrocarbon Sheen or NAPL Blebs

Comments: Soil samples SB50(08)(14.5-15), SB50(08)(22-24), SB50(08)(24-26), and SB49(08)(80-81) were analyzed for VOCs, SVOCs, TAL metals, and total cyanide.

AECOM
1001 West Seneca Street, Suite 204
Ithaca, New York, 14850

Boring ID: SB50

Project Name: Schenectady Clinton Street MGP Site
Project Number: 04980-011
Date: July 17, 2008
Boring Location: Center of Holder B
Drilling Company: Geologic NY, Inc.

Drilling Method: Auger, mud rotary
Sampling Method: Macro-core
Ground Elevation (ft/msl, NAVD 88): 228.48
Total Depth: 91.0 ft bgs
Logged By: Jesse Lloyd

Depth (Feet)	Recovery (Feet)	PID (ppm)	Sample ID	Sample Interval	Lithology	USCS	Visual Impacts	Geologic Description	Remarks
-48									
		0.3				SM		Gray-brown fine SAND; wet.	
-50	2.5								
		0.5							
-52									
-54	1.4	0.5						Gray-brown fine SAND; wet.	
-56									
-58	1.6	0.1							
-60								Brown fine to medium SAND; wet.	
						SM			
-62	2.9	0.1							
-64									
-66	2.2	0.2						Brown fine to medium SAND; wet.	
-68									
-70	1.3	0.0							
-72								Brown medium to coarse SAND, trace gravel; wet.	

Coal Tar or Coal Tar NAPL Saturated Soil Hydrocarbon Staining, Hydrocarbon Sheen or NAPL Blebs

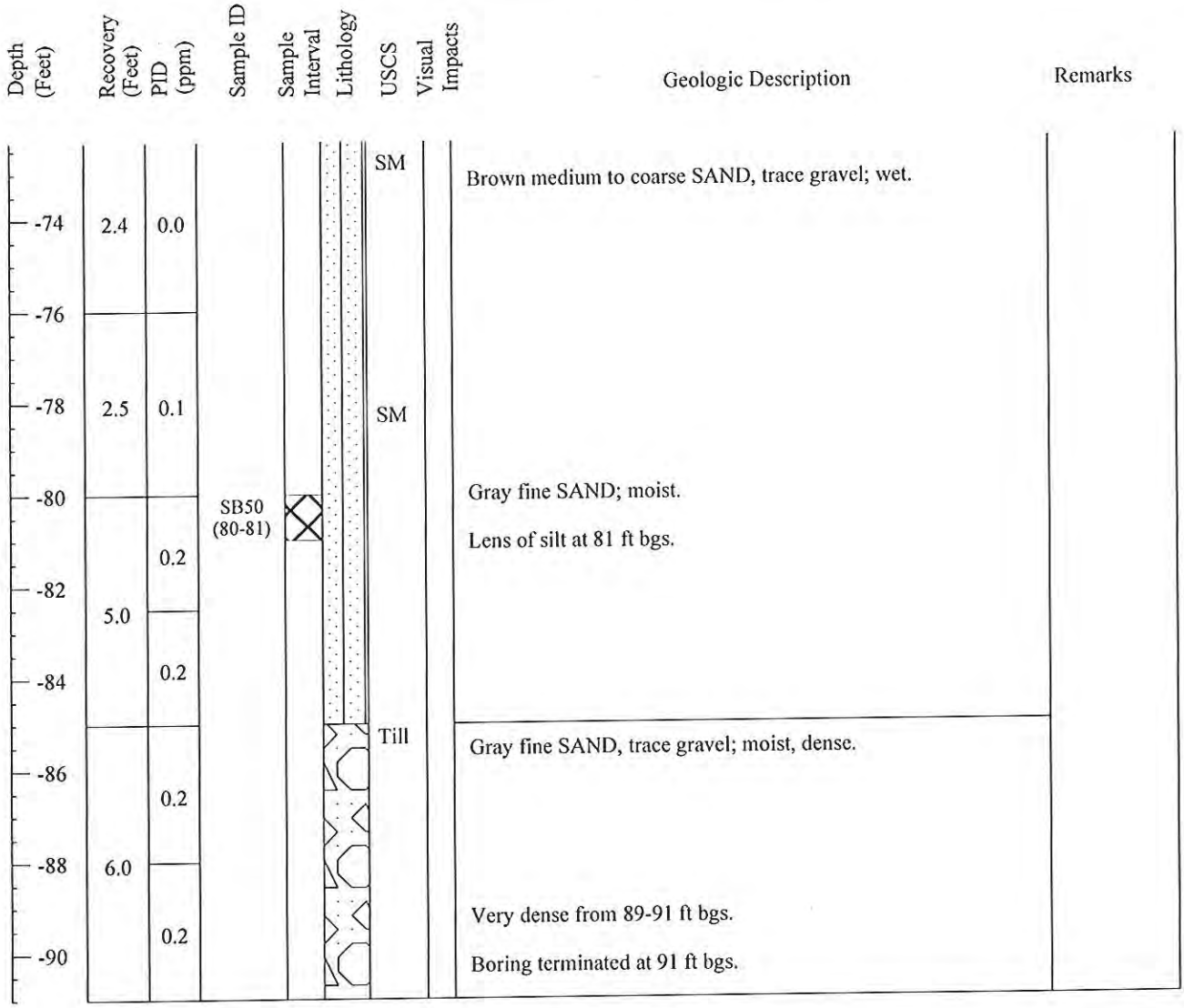
Comments: Soil samples SB50(08)(14.5-15), SB50(08)(22-24), SB50(08)(24-26), and SB49(08)(80-81) were analyzed for VOCs, SVOCs, TAL metals, and total cyanide.

AECOM
1001 West Seneca Street, Suite 204
Ithaca, New York, 14850

Boring ID: SB50

Project Name: Schenectady Clinton Street MGP Site
Project Number: 04980-011
Date: July 17, 2008
Boring Location: Center of Holder B
Drilling Company: Geologic NY, Inc.

Drilling Method: Auger, mud rotary
Sampling Method: Macro-core
Ground Elevation (ft/msl, NAVD 88): 228.48
Total Depth: 91.0 ft bgs
Logged By: Jesse Lloyd



Coal Tar or Coal Tar NAPL Saturated Soil Hydrocarbon Staining, Hydrocarbon Sheen or NAPL Blebs

Comments: Soil samples SB50(08)(14.5-15), SB50(08)(22-24), SB50(08)(24-26), and SB49(08)(80-81) were analyzed for VOCs, SVOCs, TAL metals, and total cyanide.

AECOM
1001 West Seneca Street, Suite 204
Ithaca, New York, 14850

Well ID: MW1D/SB51

Project Name: Schenectady Clinton Street MGP Site
Project Number: 04980-011
Date: September 2, 2008
Boring Location: North of Holder B
Drilling Company: Geologic NY, Inc.

Drilling Method: Sonic
PVC Elevation (ft/msl, NAVD 88): 226.17
Ground Elevation (ft/msl, NAVD 88): 226.47
Total Depth: 90.0 ft bgs
Logged By: Jesse Lloyd

Depth (Feet)	Blow Counts	Recovery (Feet)	PID (ppm)	Sample ID	Sample Interval	Lithology	USCS	Visual Impacts	Geologic Description	Remarks	Well Construction
0		3.5	0.3				Fill		TOPSOIL. Brown fine to medium SAND, trace brick fragments and coke.	Flush mounted curb box	
-2			0.3							Cement bentonite grout from 1-19 ft bgs	
-4		4.0	1.3								
-6			1.5						Black fine to medium SAND, trace coke; wet, slight hydrocarbon-like odor.		
-8							SM		Dark gray and black fine to medium SAND; wet, slight hydrocarbon-like odor.		
-10		1.5	1.8				ML		Dark gray and brown SILT, little fine sand; wet, slight hydrocarbon-like odor.		
-12			1.5								
-14		3.0	0.4								
-16			10.2								
-18							ML		Gray SILT, little fine sand; wet. Wood from 18.5-19 ft bgs.	Bentonite seal from 19-21 ft bgs	
-20		4.9	21.5								
-22			5.3						Dark gray SILT, some fine sand; wet, firm.	Sand pack from 21-33 ft bgs	
-24			56.3	SB50 (23.5-25.5)							

Coal Tar or Coal Tar NAPL Saturated Soil

Hydrocarbon Staining, Hydrocarbon Sheen or NAPL Blebs

Comments: Soil sample SB51(08)(23.5-25.5) was analyzed for VOCs, SVOCs, TAL metals, and total cyanide.

AECOM
1001 West Seneca Street, Suite 204
Ithaca, New York, 14850

Well ID: MW1D/SB51

Project Name: Schenectady Clinton Street MGP Site
Project Number: 04980-011
Date: September 2, 2008
Boring Location: North of Holder B
Drilling Company: Geologic NY, Inc.

Drilling Method: Sonic
PVC Elevation (ft/msl, NAVD 88): 226.17
Ground Elevation (ft/msl, NAVD 88): 226.47
Total Depth: 90.0 ft bgs
Logged By: Jesse Lloyd

Depth (Feet)	Blow Counts Recovery (Feet)	PID (ppm)	Sample ID	Sample Interval	Lithology	USCS	Visual Impacts	Geologic Description	Remarks	Well Construction
-26	5.0	17.5				ML		Dark gray SILT, some fine sand; wet, firm.	2", 0.020 slotted PVC screen from 23-33 ft bgs	
-28										
-30	5.0	39.4								
-32		0.8						Wood from 32-33 ft bgs.		
-34	0.5	0.8				SM		Brown fine SAND; wet.	Well sump with bentonite seal from 33-35 ft bgs	
-36										
-38	2.0	0.3								
-40	4.0	0.4								
-42		0.2				SM		Brown fine SAND; wet.		
-44	4.0	0.2								
-46		0.2								
-48										
-50	4.5	0.2								

Coal Tar or Coal Tar NAPL Saturated Soil Hydrocarbon Staining, Hydrocarbon Sheen or NAPL Blebs

Comments: Soil sample SB51(08)(23.5-25.5) was analyzed for VOCs, SVOCs, TAL metals, and total cyanide.

AECOM
1001 West Seneca Street, Suite 204
Ithaca, New York, 14850

Well ID: MW1D/SB51

Project Name: Schenectady Clinton Street MGP Site
Project Number: 04980-011
Date: September 2, 2008
Boring Location: North of Holder B
Drilling Company: Geologic NY, Inc.

Drilling Method: Sonic
PVC Elevation (ft/msl, NAVD 88): 226.17
Ground Elevation (ft/msl, NAVD 88): 226.47
Total Depth: 90.0 ft bgs
Logged By: Jesse Lloyd

Depth (Feet)	Blow Counts Recovery (Feet)	PID (ppm)	Sample ID	Sample Interval	Lithology	USCS	Visual Impacts	Geologic Description	Remarks	Well Construction
-52		0.2				SM		Brown fine SAND; wet.		
-54	4.5	0.2								
-56	4.4	0.3								
-58		0.3						Brown fine SAND; wet.		
-60	4.3	0.3								
-62		0.4								
-64						ML		Brown SILT, some fine sand; wet.		
-66	5.0	0.2								
-68		0.4								
-70	4.4	0.3						Brown SILT, some fine sand; wet.		
-72		0.5								
-74		0.3								
-76										

Coal Tar or Coal Tar NAPL Saturated Soil

Hydrocarbon Staining, Hydrocarbon Sheen or NAPL Blebs

Comments: Soil sample SB51(08)(23.5-25.5) was analyzed for VOCs, SVOCs, TAL metals, and total cyanide.

AECOM
1001 West Seneca Street, Suite 204
Ithaca, New York, 14850

Well ID: MW1D/SB51

Project Name: Schenectady Clinton Street MGP Site
Project Number: 04980-011
Date: September 2, 2008
Boring Location: North of Holder B
Drilling Company: Geologic NY, Inc.

Drilling Method: Sonic
PVC Elevation (ft/msl, NAVD 88): 226.17
Ground Elevation (ft/msl, NAVD 88): 226.47
Total Depth: 90.0 ft bgs
Logged By: Jesse Lloyd

Depth (Feet)	Blow Counts	Recovery (Feet)	PID (ppm)	Sample ID	Sample Interval	Lithology	USCS	Visual Impacts	Geologic Description	Remarks	Well Construction
-78		4.2	0.4				ML		Brown SILT, some fine sand; wet.		
-80			0.3								
-82		4.4							Brown SILT, some fine sand; wet.		
-84			0.3								
-86			0.2								
-88		4.2					Till		Gray fine SAND, little gravel and silt; dry, dense. Refusal at 90 ft bgs.		
-90			0.4								

Coal Tar or Coal Tar NAPL Saturated Soil Hydrocarbon Staining, Hydrocarbon Sheen or NAPL Blebs

Comments: Soil sample SB51(08)(23.5-25.5) was analyzed for VOCs, SVOCs, TAL metals, and total cyanide.

AECOM
1001 West Seneca Street, Suite 204
Ithaca, New York, 14850

Boring ID: SB52

Project Name: Schenectady Clinton Street MGP Site
Project Number: 04980-011
Date: December 8, 2008
Boring Location: East of SMHA building
Drilling Company: Geologic NY, Inc.

Drilling Method: Direct push
Sampling Method: Macro-core
Ground Elevation (ft/msl, NAVD 88): 238.37
Total Depth: 18.0 ft bgs
Logged By: James Edwards

Depth (Feet)	Recovery (Feet)	PID (ppm)	Sample ID	Sample Interval	Lithology	USCS	Visual Impacts	Geologic Description	Remarks
0						Fill		Brown fine SAND, trace gravel and dense coal fragments; moist.	
-2	1.0	0.0							
-4								Brown fine SAND, some angular gravel, trace brick fragments; moist.	
-6	3.8	0.0							
-8								Brown fine SAND, trace angular gravel and coal fragments; moist, firm.	
-10	3.4	0.0				Fill			
-12								Brown fine SAND, some rounded and angular gravel, trace coal fragments; moist.	
-14	2.8	0.0							
-16								Geofabric and rubber.	
-18	1.2	0.0						Refusal at 18 ft bgs.	

Coal Tar or Coal Tar NAPL Saturated Soil Hydrocarbon Staining, Hydrocarbon Sheen or NAPL Blebs

Comments: No samples were collected.

AECOM
1001 West Seneca Street, Suite 204
Ithaca, New York, 14850

Boring ID: SB53

Project Name: Schenectady Clinton Street MGP Site
Project Number: 04980-011
Date: December 8, 2008
Boring Location: Former Holder C
Drilling Company: Geologic NY, Inc.

Drilling Method: Direct push
Sampling Method: Macro-core
Ground Elevation (ft/msl, NAVD 88): 237.29
Total Depth: 28.0 ft bgs
Logged By: James Edwards

Depth (Feet)	Recovery (Feet)	PID (ppm)	Sample ID	Sample Interval	Lithology	USCS	Visual Impacts	Geologic Description	Remarks
0						Fill		Brown fine SAND, some angular coarse gravel; moist.	
-2	1.8	0.0							
-4								Brown fine SAND, some brick, coal, and concrete fragments; moist.	
-6	2.4	0.0							
-8						Fill		Brown SAND, some ashes and brick fragments, trace gravel; moist.	
-10	3.6	0.0						Brown fine SAND; moist.	
-12								Brown fine SAND; loose.	
-14	2.9	0.0							
-16						SM		Becomes wet at 15.5 ft bgs. Brown fine SAND; wet, loose.	
-18	4.0	0.0							
-20									
-22	3.0	0.0						Brown fine SAND; wet, loose.	
-24									
-26	3.2	0.0	SB53 (25-26)						
-28								Boring terminated at 28 ft bgs.	

Coal Tar or Coal Tar NAPL Saturated Soil Hydrocarbon Staining, Hydrocarbon Sheen or NAPL Blebs

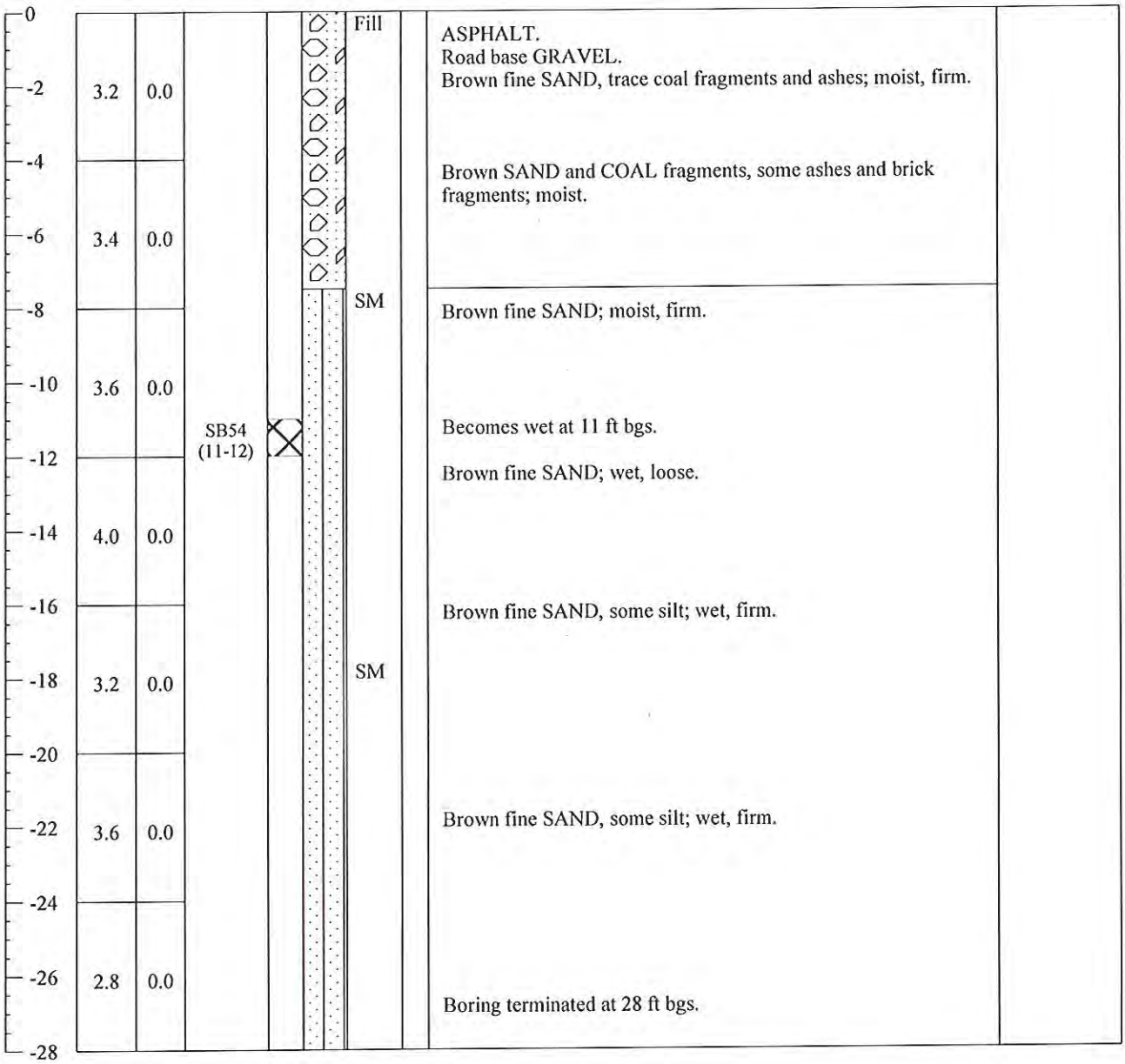
Comments: Soil sample SB53(08)(25-26) was analyzed for VOCs, SVOCs, TAL metals, and total cyanide.

AECOM
1001 West Seneca Street, Suite 204
Ithaca, New York, 14850

Boring ID: SB54

Project Name: Schenectady Clinton Street MGP Site
Project Number: 04980-011
Date: December 9, 2008
Boring Location: South side of SMHA center parking lot
Drilling Company: Geologic NY, Inc.

Drilling Method: Direct push
Sampling Method: Macro-core
Ground Elevation (ft/msl, NAVD 88): 233.57
Total Depth: 28.0 ft bgs
Logged By: James Edwards



Coal Tar or Coal Tar NAPL Saturated Soil Hydrocarbon Staining, Hydrocarbon Sheen or NAPL Blebs

Comments: Soil sample SB54(08)(11-12) was analyzed for VOCs, SVOCs, TAL metals, and total cyanide.

AECOM
1001 West Seneca Street, Suite 204
Ithaca, New York, 14850

Boring ID: SB55

Project Name: Schenectady Clinton Street MGP Site
Project Number: 04980-011
Date: December 9, 2008
Boring Location: South side of SMHA northern parking lot
Drilling Company: Geologic NY, Inc.

Drilling Method: Direct push
Sampling Method: Macro-core
Ground Elevation (ft/msl, NAVD 88): 233.68
Total Depth: 12.0 ft bgs
Logged By: James Edwards

Depth (Feet)	Recovery (Feet)	PID (ppm)	Sample ID	Sample Interval	Lithology	USCS	Visual Impacts	Geologic Description	Remarks
0						Fill		ASPHALT. Road base GRAVEL. Brown SAND, BRICK, and WOOD.	
-2	3.2	0.0							
-4								Brown fine SAND and BRICK fragments, some ashes and angular gravel; moist.	
-6	3.0	0.0				Fill			
-8								Brown fine SAND, BRICK fragments and ASH, some concrete fragments from 11-12 ft bgs.	
-10	2.8	0.0							
-12								Refusal at 12 ft bgs.	

Coal Tar or Coal Tar NAPL Saturated Soil Hydrocarbon Staining, Hydrocarbon Sheen or NAPL Blebs

Comments: No samples were collected.

AECOM
1001 West Seneca Street, Suite 204
Ithaca, New York, 14850

Boring ID: SB56

Project Name: Schenectady Clinton Street MGP Site
Project Number: 04980-011
Date: December 9, 2008
Boring Location: Middle of SMHA northern parking lot
Drilling Company: Geologic NY, Inc.

Drilling Method: Direct push
Sampling Method: Macro-core
Ground Elevation (ft/msl, NAVD 88): 232.28
Total Depth: 28.0 ft bgs
Logged By: James Edwards

Depth (Feet)	Recovery (Feet)	PID (ppm)	Sample ID	Sample Interval	Lithology	USCS	Visual Impacts	Geologic Description	Remarks
0						Fill		ASPHALT. Road base GRAVEL. Brown SAND, BRICK fragments, ASHES, and WOOD fragments.	
-2	3.2	0.0							
-4								ASHES, BRICK fragments, and GRAVEL.	
-6	3.8	0.0							
-8								CONCRETE fragments. Brown SAND, BRICK fragments, and WOOD.	
-10	4.0	0.0							
-12			SB56 (11-12)			SM		Brown fine SAND; wet. Brown fine SAND, trace silt; wet, firm.	
-14	4.0	0.0							
-16								Brown fine SAND, trace silt; wet, firm.	
-18	3.0	0.0							
-20						SM		Brown fine SAND, some brown silt; wet, dense.	
-22	3.2	0.0							
-24								Brown fine SAND, some silt; wet, dense.	
-26	2.8	0.0							
-28								Boring terminated at 28 ft bgs.	

Coal Tar or Coal Tar NAPL Saturated Soil Hydrocarbon Staining, Hydrocarbon Sheen or NAPL Blebs

Comments: Soil sample SB56(08)(11-12) was analyzed for VOCs, SVOCs, TAL metals, and total cyanide.

AECOM
1001 West Seneca Street, Suite 204
Ithaca, New York, 14850

Boring ID: SB57

Project Name: Schenectady Clinton Street MGP Site
Project Number: 04980-011
Date: December 9, 2008
Boring Location: North side of SMHA northern parking lot
Drilling Company: Geologic NY, Inc.

Drilling Method: Direct push
Sampling Method: Macro-core
Ground Elevation (ft/msl, NAVD 88): 230.54
Total Depth: 28.0 ft bgs
Logged By: James Edwards

Depth (Feet)	Recovery (Feet)	PID (ppm)	Sample ID	Sample Interval	Lithology	USCS	Visual Impacts	Geologic Description	Remarks
0						Fill		ASPHALT. Brown SAND and BRICK fragments.	
-2	2.8	0.0						CONCRETE fragments.	
-4								CONCRETE fragments, angular GRAVEL, yellow BRICK fragments, and gray SILT.	
-6	3.3	0.0							
-8								GRAVEL and BRICK fragments.	
-10	3.8	0.0				SM		Brown fine SAND, trace silt; wet.	
-12			SB57 (11-12)					Brown fine SAND, some silt; wet.	
-14	4.0	0.0							
-16								Brown fine SAND, some silt; wet.	
-18	3.8	0.0							
-20						SM		Brown fine SAND and SILT; wet.	
-22	3.0	0.0							
-24								Brown fine SAND and SILT; wet.	
-26	3.2	0.0						Boring terminated at 28 ft bgs.	
-28									

Coal Tar or Coal Tar NAPL Saturated Soil Hydrocarbon Staining, Hydrocarbon Sheen or NAPL Blebs

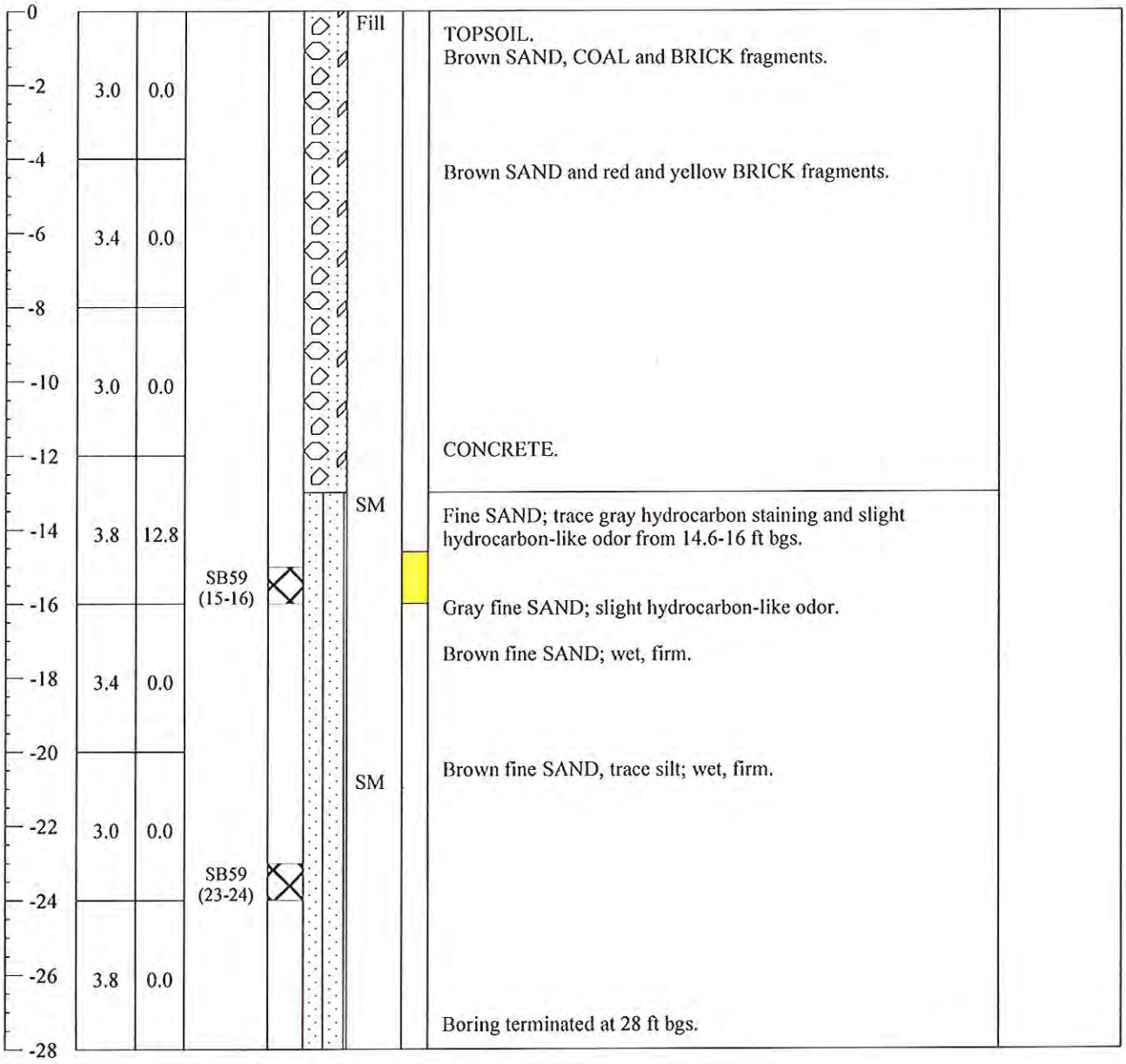
Comments: Soil sample SB57(08)(11-12) was analyzed for VOCs, SVOCs, TAL metals, and total cyanide.

AECOM
1001 West Seneca Street, Suite 204
Ithaca, New York, 14850

Boring ID: SB59

Project Name: Schenectady Clinton Street MGP Site
Project Number: 04980-011
Date: December 9, 2008
Boring Location: South side of SMHA northern parking lot
Drilling Company: Geologic NY, Inc.

Drilling Method: Direct push
Sampling Method: Macro-core
Ground Elevation (ft/msl, NAVD 88):
Total Depth: 28.0 ft bgs
Logged By: James Edwards



Coal Tar or Coal Tar NAPL Saturated Soil Hydrocarbon Staining, Hydrocarbon Sheen or NAPL Blebs

Comments: Soil samples SB59(08)(15-16) and SB59(08)(23-24) were analyzed for VOCs, SVOCs, TAL metals, and total cyanide.

AECOM

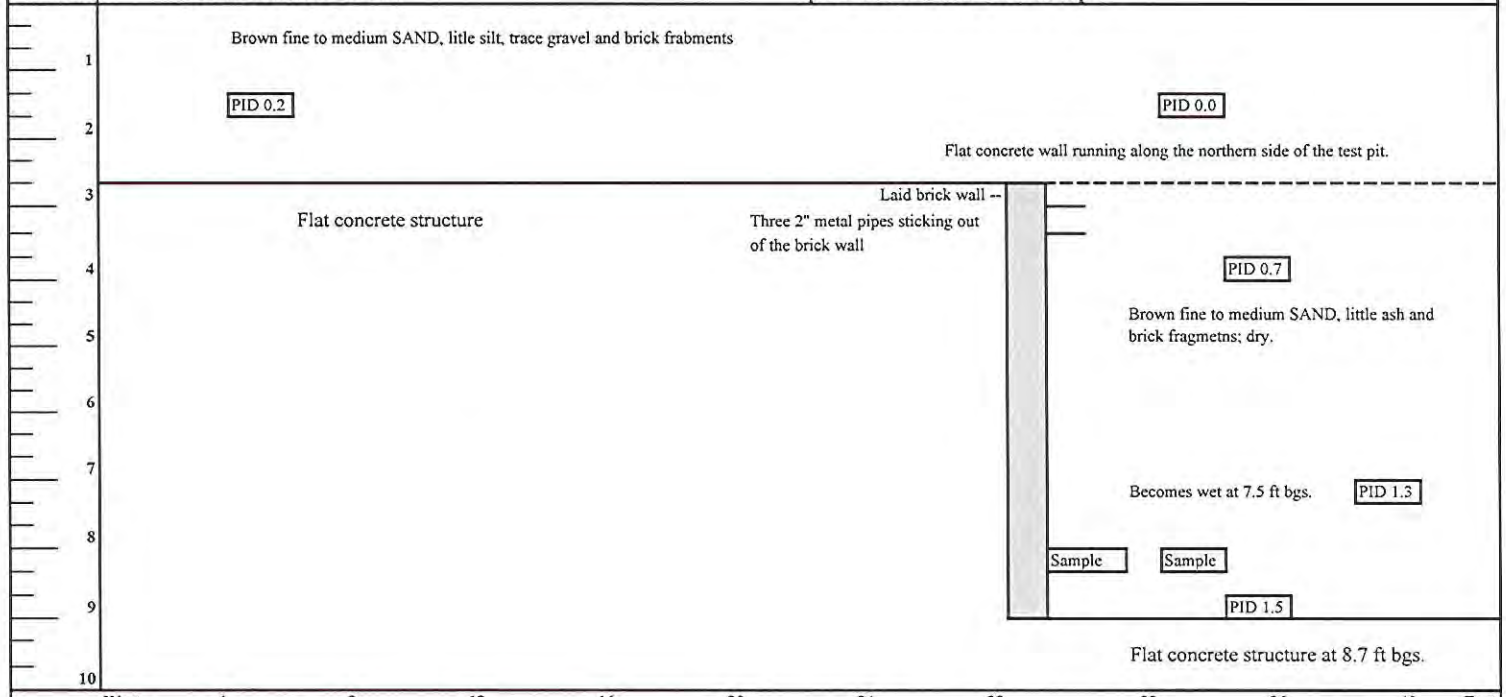
Test Pit Log

TP10

PROJECT NO: 04980-011	TEST PIT DESIGNATION: TP10	SURFACE ELEVATION:
CLIENT: National Grid	TEST PIT AREA: Near former Purifiers	START DATE: July 14, 2008
SITE NAME: Schenectady Former MGP	EQUIPMENT USED: Track-mounted Excavator	FINISH DATE: July 14, 2008
GEOLOGIST: Jesse Lloyd	OPERATOR: MC Environmental	
Depth Water Encountered: 7.5 ft bgs	TOTAL DEPTH: 9 ft bgs	

DEPTH in (FEET)

Ground Surface - Grass | **Ground Surface - Black top**



Comments: Samples TP10(29)E(8-8.5) and TP10(31)E(8-8.5) were analyzed for VOCs, SVOCs, TAL Metals and Total Cyanide.
bgs = below ground surface
No odor in test trench, no sheen observed in water

AECOM Environment
1001 West Seneca Street
Suite 204
Ithaca New York 14850

	AECOM	Test Pit Log	TP10
	PROJECT NO: 04980-011	TEST PIT DESIGNATION: TP10	SURFACE ELEVATION:
	CLIENT: National Grid	TEST PIT AREA: Near former Purifiers	START DATE: July 14, 2008
	SITE NAME: Schenectady Former MGP	EQUIPMENT USED: Track-mounted Excavator	FINISH DATE: July 14, 2008
	GEOLOGIST: Jesse Lloyd	OPERATOR: MC Environmental	
	Depth Water Encountered: 7.5 ft bgs	TOTAL DEPTH: 9 ft bgs	





Looking from the east side of the test pit to the west. Pipes sticking out of the brick wall can be observed.

Looking east from the west end of test pit.



AECOM

Test Pit Log

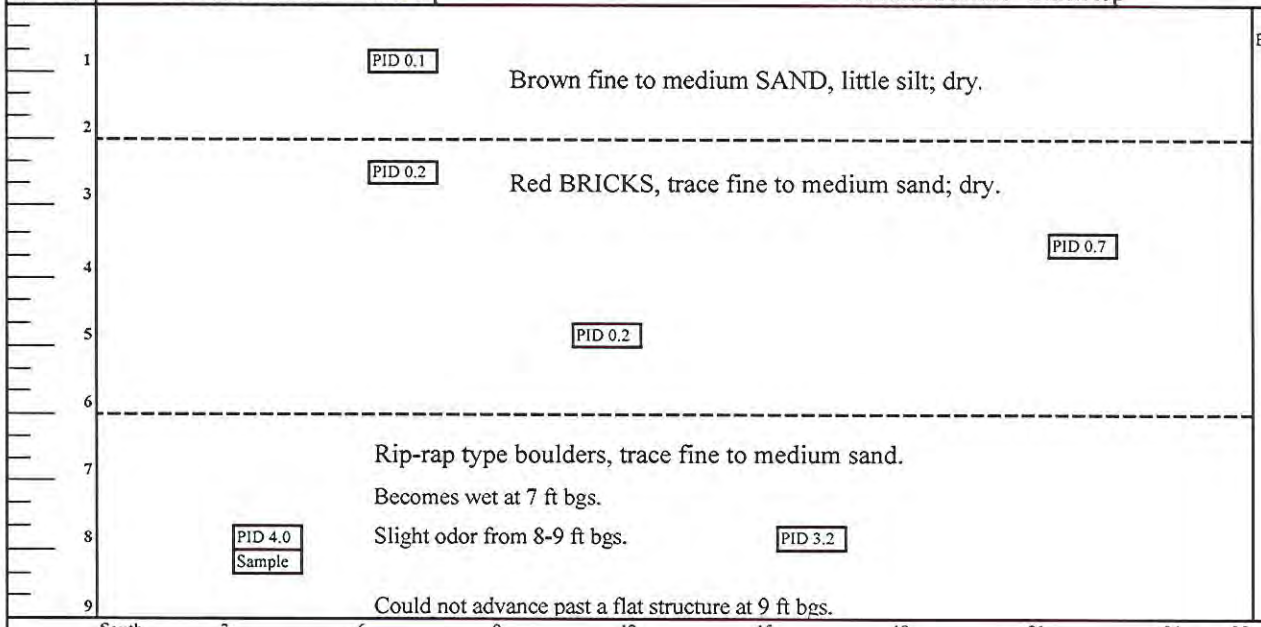
TP11

PROJECT NO: 04980-011	TEST PIT DESIGNATION: TP11	SURFACE ELEVATION:
CLIENT: National Grid	TEST PIT AREA: Near former Purifiers	START DATE: July 14, 2008
SITE NAME: Schenectady Former MGP	EQUIPMENT USED: Track-mounted Excavator	FINISH DATE: July 14, 2008
GEOLOGIST: Jesse Lloyd	OPERATOR: MC Environmental	
Depth Water Encountered: 7.5 ft bgs	TOTAL DEPTH: 9 ft bgs	

DEPTH in (FEET)

Ground Surface - Black top

Ground Surface - Black top

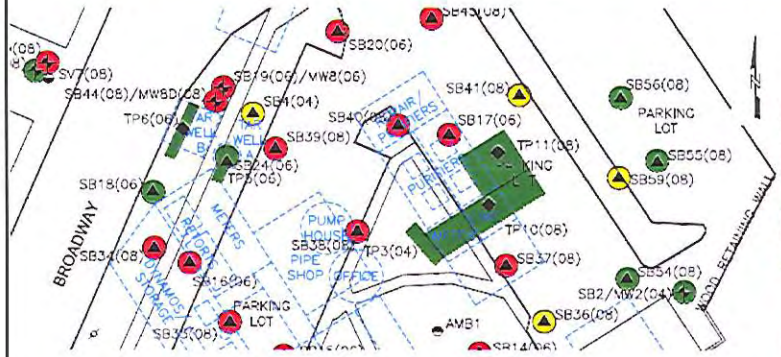


South 3 6 9 12 15 18 21 24 25 North

Comments: Sample TP11(50)E(8-8.5) was analyzed for VOCs, SVOCs, TAL Metals and Total Cyanide.
bgs = below ground surface

AECOM Environment
1001 West Seneca Street
Suite 204
Ithaca New York 14850

	AECOM	Test Pit Log	TP11
	PROJECT NO: 04980-011	TEST PIT DESIGNATION: TP11	SURFACE ELEVATION:
	CLIENT: National Grid	TEST PIT AREA: Near former Purifiers	START DATE: July 14, 2008
	SITE NAME: Schenectady Former MGP	EQUIPMENT USED: Track-mounted Excavator	FINISH DATE: July 14, 2008
	GEOLOGIST: Jesse Lloyd	OPERATOR: MC Environmental	
	Depth Water Encountered: 7.0 ft bgs	TOTAL DEPTH: 9 ft bgs	





View of eastern wall of TP11 from 0-6 ft bgs.



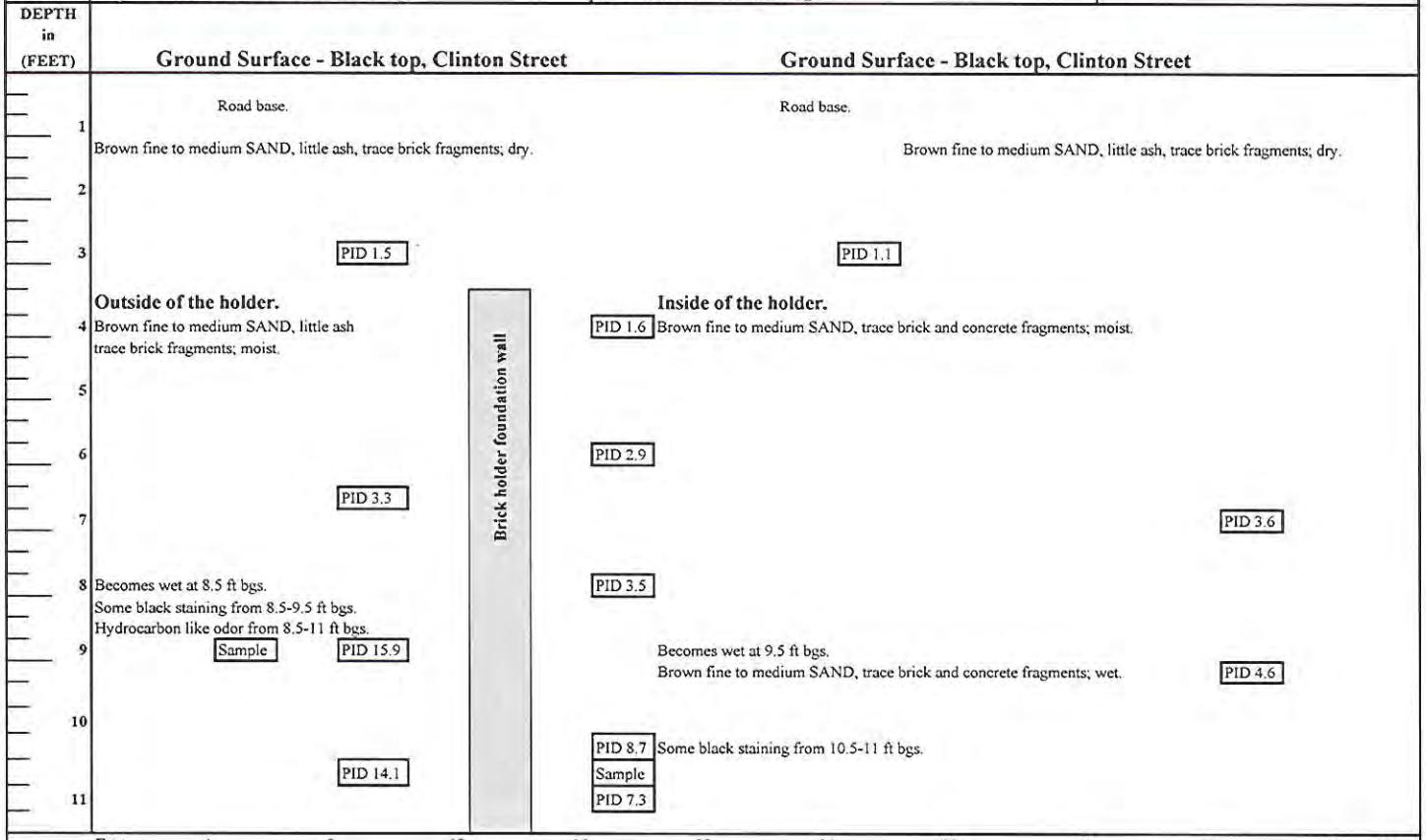
View of western wall of TP 11 from approximately 5-8 ft bgs.

AECOM

Test Pit Log

TP12

PROJECT NO: 04980-011	TEST PIT DESIGNATION: TP12	SURFACE ELEVATION:
CLIENT: National Grid	TEST PIT AREA: Former Gas Holder B	START DATE: July 15, 2008
SITE NAME: Schenectady Former MGP	EQUIPMENT USED: Track-mounted Excavator	FINISH DATE: July 15, 2008
GEOLOGIST: Jesse Lloyd	OPERATOR: MC Environmental	
Depth Water Encountered: 8.5 ft bgs	TOTAL DEPTH: 11 ft bgs	



Comments: Samples TP12(5)W(8-8.5) and TP12(17)W(10.5-11) were analyzed for VOCs, SVOCs, TAL Metals and Total Cyanide.
bgs = below ground surface

AECOM Environment
1001 West Seneca Street
Suite 204
Ithaca New York 14850

	AECOM	Test Pit Log	TP12
	PROJECT NO: 04980-011	TEST PIT DESIGNATION: TP12	SURFACE ELEVATION:
	CLIENT: National Grid	TEST PIT AREA: Former Gas Holder B	START DATE: July 15, 2008
	SITE NAME: Schenectady Former MGP	EQUIPMENT USED: Track-mounted Excavator	FINISH DATE: July 15, 2008
	GEOLOGIST: Jesse Lloyd	OPERATOR: MC Environmental	
	Depth Water Encountered: 8.5 ft bgs	TOTAL DEPTH: 11 ft bgs	



East side of holder wall, outside of holder.





View of TP12 looking to the east.

Appendix B

Chain of Custody Records, Validated Form 1 Reports, and DUSRs AECOM June 2009 (CD-ROM)

Appendix B

Chain of Custody Records, Validated Form 1 Reports, and DUSRs AECOM June 2009 (CD-ROM)

2004 DUSR and Form 1 Laboratory Sheets

Data Validation Services

120 Cobble Creek Road P. O. Box 208
North Creek, N. Y. 12853
Phone 518-251-4429
Facsimile 518-251-4428

February 7, 2005

Brian LaPierre
Lightship Engineering
36 Cordage Park Circle Suite 312
Plymouth, MA 02360

RE: Data Usability Summary Report for the NMPC Schenectady site
Chemtech SDG Nos. S5626, S5659, S5662, and S5869

Dear Mr. La Pierre:

Review has been performed on the data packages generated by Chemtech Laboratories that pertain to samples collected 11/2/04 through 11/22/04 at the NMPC Schenectady site. Seventeen soil samples were processed for BTEX, PAH, and cyanide; six of these were also analyzed for TOC. Two soil samples were analyzed for TCL volatiles, PAHs, TAL metals, cyanide, and TOC. One additional soil was processed for BTEX only. Four aqueous samples (including one field duplicate) were analyzed for TCL volatiles and TAL metals. Field and trip blanks, and sample matrix spikes were also processed. Laboratory methodologies utilized are those of the NYSDEC ASP/USEPA SW846 8260B, 8270C, 6010B, 3810, and 9060.

The data packages submitted contain full deliverables. This usability report is generated from review of the summary form information, with review of sample raw data, and only limited review of associated QC and instrumental raw data. Full validation has not been performed. However, the reported summary forms have been reviewed for application of validation qualifiers, per the USEPA Region 2 validation SOPs and the USEPA National Functional Guidelines for Data Review, as affects the usability of the sample data. The following items were reviewed:

* Laboratory Narrative Discussion
* Custody Documentation
* Holding Times
* Surrogate and Internal Standard Recoveries
* Matrix Spike Recoveries/Duplicate Correlations
* Preparation/Calibration Blanks
* Control Spike/Laboratory Control Samples
* Instrumental Tunes
* Calibration Standards
* ICP Interference Check Standards
* CRI/CRA Standards
* ICP Serial Dilution Correlations
* Instrument IDLs
* Sample Result Verification

Those items listed above which show deficiencies are discussed within the text of this narrative. All of the other items were determined to be acceptable for the DUSR level review.

In summary, sample processing was conducted primarily in compliance with protocol requirements. Sample results are usable as reported, or usable with minor qualification as estimated. There are no data gaps.

Copies of the laboratory sample ID summaries and case narratives are attached to this text, and should be reviewed in conjunction with this report. Included with this submission are red-ink results forms reflecting the edits and qualifications recommended within this report.

The following text discusses quality issues of concern. Sample IDs referenced within this report are prefixed with "LE-".

General

Reporting limits should be derived from the "RL" column on the sample report forms.

Aqueous blind field duplicate evaluation was performed on TCL volatiles and metals on MW-3, and shows acceptable accuracy and precision. Although a soil blind field duplicate was submitted for TCL volatiles, PAHs, metals, cyanide, and TOC, the laboratory processed that sample for organics only as matrix spikes, and therefore no soil field duplicate evaluation is possible for the volatiles or PAHs. The metals, cyanide, and TOC soil field duplicate evaluation shows acceptable recoveries and correlations. No qualification is made to the data due to unavailable organic evaluation.

Field blank and trip blanks show no contamination affecting sample results, with the exception of those associated with the aqueous samples. The following metal detections in those samples are considered contamination and are edited to reflect nondetection at the originally reported concentrations:

- Iron in MW-3
- Zinc in all aqueous field samples
- Copper on MW-2, MW-4, and QC-500

Samples were not transferred to the laboratory within the required 2 day timeframe, held up to a week before submission to the laboratory. Evaluation of analysis holding times are based upon a technical holding time being that of the laboratory requirement from VTSR plus two allowable days for transit. Volatile analyses of three soil samples and some dilution analyses were conducted within the protocol holding time from lab receipt, but beyond an allowable technical holding time, and those results are therefore qualified as estimated, as discussed below.

Some of the custodies do not show the release signature for the interim transfer.

TCL and BTEX Analyses by EPA 8260B

Results for analytes initially flagged by the laboratory as "E" in the samples are to be derived from the dilution analyses.

Results for the three soil samples collected 11/2/04 and for SB5-22-24 are qualified as estimated, with a possible low bias, due to outlying holding time. The value for ethylbenzene in SB5-10-12 and SB5-16-18 are qualified as estimated as they were derived from dilution analyses beyond allowable holding time.

Some samples exhibited a matrix effect on sample internal and surrogate standard responses. Therefore, the following analyte results are qualified as estimated in the indicated samples:

- TP-4-8-10 all results, use initial analysis
- SB3-10-12 –all analytes

SB6-16-18 and SB6-18-20 were initially run at a two fold dilution. The undiluted analyses were run beyond the technical holding time. The results for the two fold dilution are used preferentially, although the detected result for acetone in the latter is qualified as estimated due to elevated surrogate recovery in that analysis.

Only the medium level analyses of SB8-5-7, SB4-8-10, and SB3-10-12 should be used (exception to use benzene detection for the latter). The results for SB4-8-10 and SB3-10-12 are qualified as estimated as they are outside the technical holding time.

Soil matrix spikes of SB2-10-12 show acceptable recoveries and duplicate correlations.

The soil field duplicate QC-400 was run as matrix spikes. The lab was unaware as to the identification of the parent sample, and therefore did not take that constituency into consideration in the calculations for recoveries and duplicate correlations. Those form entries (Form 3) are not valid. When compared to the field duplicate (SB5-16-18), recoveries are acceptable. That soil spiked duplicate failed the analysis procedure (internal standard responses below 10%), and the duplicate precision is not possible. That spike should have been reanalyzed.

The aqueous matrix spikes of MW-3 show good accuracy and precision.

Initial and continuing calibration standard responses were acceptable, with the following exceptions, results for which are to be qualified as estimated:

- Chloroethane and methylcyclohexane (49%D and 23%D) in SB6-18-20
- Dichlorodifluoromethane (28%RSD) in the trip blank in S5659
- Trichlorofluoromethane and tetrachloroethene (63%D and 27%D) in MW-2 and MW-3
- Carbon disulfide (34%D and 35%D) in all aqueous samples
- Chloroethane (49%D) in SB5-16-18

In some cases, Tentatively Identified Compounds (TICs) were not properly identified by the laboratory in accordance with protocol requirements. The initial software match was reported, with disregard for the quality of the spectral fit. Those reported with CAS numbers should also have been flagged as "N" to indicate a tentative identification

The TICs called naphthalene in SB5-16-20 and QC-500 are removed from the volatile TIC lists as it is a PAH target analyte.

PAH Analyses by EPA 8270C

Results for analytes initially flagged by the laboratory as "E" in the samples are to be derived from the dilution analyses.

Several samples exhibited a matrix effect on recoveries of internal standards, indicating a potential for inadequate recovery or inaccurate quantitative values of target analytes:

Due to elevated response for internal standard d10-phenanthrene in the undiluted analysis of SB6-18-20, detected results for the two associated analytes used from that analysis are qualified as estimated.

The response for internal standard d12-perylene was below the 50% limit in the analysis of SB8-0-2, and results for the six associated analytes are qualified as estimated ("UJ" or "J") for that sample.

The dilution analyses for SB8-5-7 and SB4-12-14 should be used due to outlying multiple internal standard responses in the undiluted analyses of these samples.

Matrix spikes were performed on SB2-10-12 and SB8-10-12, and show acceptable recoveries and duplicate correlations. The set performed on QC-400 (should have been the field duplicate of SB5-16-18) shows several recoveries and duplicate correlations outside the recommended limit when incorporating the parent sample results into the calculation. No qualification is made.

Surrogate standard responses are acceptable. Holding times and instrument tunes meet requirements. Blanks show no contamination.

Initial and continuing calibration standard responses were acceptable, with the following exceptions, results for which are qualified as estimated in the following:

Indeno(1,2,3-cd)pyrene and benzo(g,h,i)perylene used from dilution analyses in S5659.

Detections of indeno(1,2,3-cd)pyrene, dibenz(a,h)anthracene, and benzo(g,h,i)perylene in all samples reported in SDG S5662, and naphthalene hits in three of those samples.

It is noted that at least one of the continuing calibration standards was processed at an inappropriately high concentration, making a less rigorous evaluation.

TAL Metals by 6010B/7470/7471

Matrix spike/duplicate evaluations were performed on soil samples SB6-18-20 and QC400, and on aqueous sample MW-4. Recoveries and correlations are within guidelines, with the exception of the recoveries of iron in MW-4 (74% and 69%). Results for iron in the aqueous samples are therefore qualified as estimated.

The ICP serial dilution of soil sample SB6-18-20 shows acceptable correlations. That for SB5-16-18 shows outliers for calcium and potassium (both 12%D); these should have been flagged as "E" by the laboratory. Results for those elements in sample SB5-16-18 are qualified as estimated.

The serial dilution for aqueous samples MW-4 shows an outlier for potassium (29%D); this should have been flagged as "E" by the laboratory. Results for that element in the aqueous sample are qualified as estimated.

Wet Chemistry Parameters-Cyanide and TOC

Review was conducted for method compliance, transcription, calculations, standard and blank acceptability, accuracy and precision, etc., as applicable to each procedure. All were found acceptable unless noted specifically within this text.

Laboratory duplicate evaluation of cyanide in SB2-10-12 and QC400 was acceptable. The recovery of cyanide was elevated in matrix spike of QC400 (188%). Therefore, results for cyanide in the soil samples is qualified as estimated.

The matrix spikes and duplicates of TOC in QC400 show good recoveries and correlations.

Cyanide results carry too many significant figures.

Please do not hesitate to contact me if you have comments or questions regarding this report.

Very truly yours,

Judy Harry

CHEMTECH
284 Sheffield Street, Mountainside NJ 07092
Tel: 908-789-8900 Fax 908-789-8922

COVER PAGE

ProjectID: National Grid Schenectady

OrderID: S5626 **CustomerName:** Lightship Engineering (Env.&Land Use Consultants)

LAB SAMPLE NO.	CLIENT SAMPLE NO
S5626-01	LE-SB1-5-7
S5626-02	LE-SB2-10-12
S5626-03	LE-TP1-8-10
S5626-04	LE-QA-QC-300
S5626-05	TRIPBLANK
S5626-06	LE-QA-QC-600MS
S5626-07	LE-QA-QC-601MSD

I certify that the data package is in compliance with the terms and conditions of the contract both technically and for completeness, for other than the conditions detailed above. Releas of the data contained in this hard copy data package has been authorized by the laboratory manager or his designee, as verified by the following signature

Signature: _____ Name: _____

Date: 11/29/04 Title: _____

NYDOH CERTIFICATION NO.11376 NJDEP CERTIFICATION NO. 20012

CHEMTECH

284 Sheffield Street, Mountainside NJ 07092
Tel: 908-789-8900 Fax 908-789-8922

COVER PAGE

ProjectID: National Grid Schenectady

OrderID: S5659 **CustomerName:** Lightship Engineering (Env.&Land Use Consultants)

LAB SAMPLE NO.	CLIENT SAMPLE NO
S5659-01	LE-SB6-12-14
S5659-02	LE-SB6-16-18
S5659-03	LE-SB6-18-20
S5659-04	LE-SB7-14-16
S5659-05	LE-SB8-0-2
S5659-06	LE-SB8-5-7
S5659-07	LE-SB8-10-12
S5659-08	LE-QA-QC-602-603MS
S5659-09	LE-QA-QC-602-603MSD
S5659-10	TRIPBLANK

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hard copy data package has been authorized by the laboratory manager or his designee, as verified by the following signature.

Signature: _____ Name: _____

Date: 6/11/04 Title: _____

CHEMTECH

284 Sheffield Street, Mountainside NJ 07092
Tel: 908-789-8900 Fax 908-789-8922

COVER PAGE

ProjectID: National Grid Schenectady S

OrderID: S5662 **CustomerName:** Lightship Engineering (Env.&Land Use Consultants)

LAB SAMPLE NO.	CLIENT SAMPLE NO
S5662-01	LE-TP4-8-10
S5662-02	LE-SB4-8-10
S5662-03	LE-SB4-12-14
S5662-04	LE-SB5-10-12
S5662-05	LE-SB5-16-18
S5662-06	LE-SB5-22-24
S5662-07	LE-SB3-10-12
S5662-08	LE-SB3-26-28
S5662-09	LE-SB3-30-32
S5662-10	LE-QA-QC-400MS
S5662-11	LE-QA-QC-400MSD
S5662-12	TRIPBLANK

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hard copy data package has been authorized by the laboratory manager or his designee, as verified by the following signature.

Signature: _____ Name: Tanya Polyak

Date: 12/1/04 Title: QA/QC

CHEMTECH

284 Sheffield Street, Mountainside NJ 07092
Tel: 908-789-8900 Fax 908-789-8922

COVER PAGE

ProjectID: National Grid Schenectady S

OrderID: S5869 **CustomerName:** Lightship Engineering (Env.&Land Use Consultants)

LAB SAMPLE NO.	CLIENT SAMPLE NO
S5869-01	LE-MW4
S5869-02	LE-MW2
S5869-03	LE-MW3
S5869-04	LE-QA/QC-500
S5869-05	LE-QA/QC-700MS
S5869-06	LE-QA/QC-701MSD
S5869-07	TRIPBLANK
S5869-08	LEQA/QC-300
S5869-09	LEQA/QC-301

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hard copy data package has been authorized by the laboratory manager or his designee, as verified by the following signature.

Signature: _____ Name: Deepa Patel

Date: 12/9/04 Title: QA/QC

CHEMTECH

CASE NARRATIVE

Lightship Engineering (Env.&Land Use Consultants)
Project Name: National Grid Schenectady Site
Project # N/A
Chemtech Project # S5626

A. Number of Samples and Date of Receipt:
5 Solid samples were received on 11/8/04.
2 Water samples were received on 11/8/04.

B. Parameters
According to the Chain of Custody document, the following analyses were requested: BTEX by GC/MS, Cyanide, Mercury, Polynuclear Aromatic Hydrocarbons (PAH), TAL ICP Metals, TAL Metals, Total Organic Carbon, and VOCMS Group1. This data package contains results for BTEX by GC/MS and VOCMS Group1.

C. Analytical Techniques:
The analysis performed on instrument MSVOA I were done using GC column RTXVMS, which is 20 meters, 0.18 ID, 1.0 df, Restek Cat. #49914. The Trap was supplied by OI Analytical, OI #10 Trap , OI Eclipse 4660 Concentrator.The analysis performed on instrument MSVOA K were done using GC column DB624, which is 20 meters, 0.18 ID, 1.0 df, J&W Cat. #1211324. The Trap was supplied by OI Analytical, OI #10 Trap , OI 4560 Concentrator.

D. QA/ QC Samples:
The Holding Times were met for all analysis.
The Surrogate recoveries met the acceptable criteria.
The Internal Standards Areas met the acceptable requirements.
The Retention Times were acceptable for all samples.
The MS recoveries met the requirements for all compounds.
The MSD recoveries met the acceptable requirements except for Toluene.
The RPD recoveries met criteria except for Benzene, Trichloroethene, Toluene and Chlorobenzene.
The Blank Spike met requirements for all samples.
The Blank analysis did not indicate the presence of lab contamination.
The Calibration met the requirements.
The Tuning criteria met requirements.

CHEMTECH

CASE NARRATIVE

Lightship Engineering (Env.&Land Use Consultants)
Project Name: National Grid Schenectady Site
Project # 518.4.1
Chemtech Project # S5626

A. Number of Samples and Date of Receipt:
5 Solid samples were received on 11/8/04.
2 Water samples were received on 11/8/04.

B. Parameters
According to the Chain of Custody document, the following analyses were requested: BTEX by GC/MS, Cyanide, Mercury, Polynuclear Aromatic Hydrocarbons (PAH), TAL ICP Metals, TAL Metals, Total Organic Carbon, and VOCMS Group1. This data package contains results for Polynuclear Aromatic Hydrocarbons (PAH).

C. Analytical Techniques:
The samples were analyzed on instrument BNA A using GC Column RTX-5 SILMS which is 30 meters, 0.32 mm ID, 0.5 um df, Catalog # 12739.

D. QA/ QC Samples:
The Holding Times were met for all analysis.
The Surrogate recoveries met the acceptable criteria.
The Internal Standards Areas met the acceptable requirements.
The Retention Times were acceptable for all samples.
The MS recoveries met the requirements for all compounds.
The MSD recoveries met the acceptable requirements.
The RPD recoveries met criteria.
The Blank Spike met requirements for all samples.
The Blank analysis did not indicate the presence of lab contamination.
The Calibration met the requirements.
The Tuning criteria met requirements.

E. Additional Comments:

Samples LE-TP1-8-1 were diluted due to high concentrations.

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

Signature _____ Name: Krupa Dubey

Date: 11/29/09 Title: QA/QC

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

Signature _____ Name: Krupa Dubey

Date: 11/29/04 Title: QA/QC

CHEMTECH

CASE NARRATIVE

Lightship Engineering (Env.&Land Use Consultants)
Project Name: National Grid Schenectady Site
Project # 518.4.1
Chemtech Project # S5626

A. Number of Samples and Date of Receipt:
5 Solid samples were received on 11/8/04.
2 Water samples were received on 11/8/04.

B. Parameters:
According to the Chain of Custody document, the following analyses were requested: BTEX by GC/MS, Cyanide, Mercury, Polynuclear Aromatic Hydrocarbons (PAH), TAL ICP Metals, TAL Metals, Total Organic Carbon, and VOCMS Group1. This data package contains results for Mercury and TAL ICP Metals.

C. Analytical Techniques:
The analysis of Mercury was based on method 7470 and TAL ICP Metals was based on method 6010.

D. QA/ QC Samples:
The Holding Times were met for all analysis.
The Lab Control Sample met requirements for all samples.
The Duplicate analysis met criteria for all samples.
The Matrix Spike analysis met criteria for all samples.
The Matrix Spike Duplicate analysis met criteria for all samples.
The Blank analysis did not indicate the presence of lab contamination.
The Calibration met the requirements.
The Serial Dilution met the acceptable requirements except for Potassium and Sodium.

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

Signature _____ Name: Krupa Dubey

Date: 11/29/04 Title: QA/QC

CHEMTECH

CASE NARRATIVE

Lightship Engineering (Env.&Land Use Consultants)
Project Name: National Grid Schenectady Site
Project # 518.4.1
Chemtech Project # S5626

A. Number of Samples and Date of Receipt:
5 Solid samples were received on 11/8/04.
2 Water samples were received on 11/8/04.

B. Parameters:
According to the Chain of Custody document, the following analyses were requested: BTEX by GC/MS, Cyanide, Mercury, Polynuclear Aromatic Hydrocarbons (PAH), TAL ICP Metals, TAL Metals, Total Organic Carbon, and VOCMS Group1. This data package contains results for Cyanide and Total Organic Carbon.

C. Analytical Techniques:
The analysis of Cyanide was based on method 9012 and Total Organic Carbon was based on method 9060.

D. QA/ QC Samples:
The Holding Times were met for all analysis.
The Lab Control Sample met requirements for all samples.
The Duplicate analysis met criteria for all samples.
The Matrix Spike analysis met criteria for all samples.
The Blank analysis did not indicate the presence of lab contamination.
The Calibration met the requirements.

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

Signature _____ Name: Krupa Dubey

Date: 11/29/04 Title: QA/QC

CHEMTECH

CASE NARRATIVE

Lightship Engineering (Env.&Land Use Consultants)
Project Name: National Grid Schenectady Site
Project # N/A
Chemtech Project # S5659

A. Number of Samples and Date of Receipt:
9 Solid samples were received on 11/10/04.
1 Water sample was received on 11/10/04.

B. Parameters
According to the Chain of Custody document, the following analyses were requested: BTEX by GC/MS, Cyanide, Mercury, Polynuclear Aromatic Hydrocarbons (PAH), TAL ICP Metals, TAL Metals, Total Organic Carbon, and VOCMS Group1. This data package contains results for VOCMS Group1.

C. Analytical Techniques:
The analysis performed on instrument MSVOA I were done using GC column RTXVMS, which is 20 meters, 0.18 ID, 1.0 df, Restek Cat. #49914. The Trap was supplied by OI Analytical, OI #10 Trap , OI Eclipse 4660 Concentrator. The analysis performed on instrument MSVOA K were done using GC column DB624, which is 20 meters, 0.18 ID, 1.0 df, J&W Cat. #1211324. The Trap was supplied by OI Analytical, OI #10 Trap , OI 4560 Concentrator.

D. QA/ QC Samples:
The Holding Times were met for all analysis.
The Surrogate recoveries met the acceptable criteria except for LE-SB6-16-18 and LE-SB6-18-20.
The Internal Standards Areas met the acceptable requirements except for LE-QA-QC-602-603MSD.
The Retention Times were acceptable for all samples.
The MS recoveries met the requirements for all compounds.
The MSD recoveries met the acceptable requirements.
The RPD recoveries met criteria except for Trichloroethene and Chlorobenzene.
The Blank Spike met requirements for all samples.
The Blank analysis indicated presence of Methylene Chloride with VK111705.Ddue to possible lab contamination.
The Calibration met the requirements.
The Tuning criteria met requirements.

E. Additional Comments:
Sample LE-SB8-5- was diluted due to high concentrations.
Sample # S5659-06 was diluted with MeoH because of bad matrix.

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

Signature _____ Name: Krupa Dubey

Date: 12/11/09 Title: QA/QC

CHEMTECH

CASE NARRATIVE

Lightship Engineering (Env.&Land Use Consultants)
Project Name: National Grid Schenectady Site
Project # 518.4.1
Chemtech Project # S5659

A. Number of Samples and Date of Receipt:
9 Solid samples were received on 11/10/04.
1 Water sample was received on 11/10/04.

B. Parameters
According to the Chain of Custody document, the following analyses were requested: BTEX by GC/MS, Cyanide, Mercury, Polynuclear Aromatic Hydrocarbons (PAH), TAL ICP Metals, TAL Metals, Total Organic Carbon, and VOCMS Group1. This data package contains results for Polynuclear Aromatic Hydrocarbons (PAH).

C. Analytical Techniques:
The samples were analyzed on instrument BNA E using GC Column RTX-5 SILMS which is 30 meters, 0.32 mm ID, 0.5 um df, Catalog # 12739.

D. QA/ QC Samples:
The Holding Times were met for all analysis.
The Surrogate recoveries met the acceptable criteria except for LE-SB6-16-18, LE-SB6-18-20, LE-SB8-10-12, LE-SB8-10-12MS and LE-SB8-10-12MSD.
The Internal Standards Areas met the acceptable requirements except for LE-SB6-18-20, LE-SB8-0-2 and LE-SB8-5-7.
The Retention Times were acceptable for all samples.
The MS recoveries met the requirements for all compounds.
The MSD recoveries met the acceptable requirements except for Benzo(a)pyrene.
The RPD recoveries met criteria.
The Blank Spike met requirements for all samples.
The Blank analysis did not indicate the presence of lab contamination.
The Calibration met the requirements.
The Tuning criteria met requirements

E. Additional Comments:

Samples LE-SB6-16-18, LE-SB6-18-20, LE-SB8-0-2 and LE-SB8-5- were diluted due to high concentrations.

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

Signature _____ Name: Krupa Dubey

Date: 12/1/04 Title: QA/QC

CHEMTECH

CASE NARRATIVE

Lightship Engineering (Env.&Land Use Consultants)
Project Name: National Grid Schenectady Site
Project # 518.4.1
Chemtech Project # S5659

A. Number of Samples and Date of Receipt:
9 Solid samples were received on 11/10/04.
1 Water sample was received on 11/10/04.

B. Parameters:
According to the Chain of Custody document, the following analyses were requested: BTEX by GC/MS, Cyanide, Mercury, Polynuclear Aromatic Hydrocarbons (PAH), TAL ICP Metals, TAL Metals, Total Organic Carbon, and VOCMS Group1. This data package contains results for General Chemistry.

C. Analytical Techniques:
The analysis of Cyanide was based on method 9012 and Total Organic Carbon was based on method 9060.

D. QA/ QC Samples:
The Holding Times were met for all analysis.
The Lab Control Sample met requirements for all samples.
The Duplicate analysis met criteria for all samples.
The Matrix Spike analysis met criteria for all samples.
The Blank analysis did not indicate the presence of lab contamination.
The Calibration met the requirements.

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

Signature _____ Name: Krupa Dubey

Date: 12/1/04 Title: QA/QC

CHEMTECH

284 Sheffield Street, Mountainside NJ 07092
Tel: 908-789-8900 Fax 908-789-8922

COVER PAGE

ProjectID: National Grid Schenectady

OrderID: S5659 **CustomerName:** Lightship Engineering (Env.&Land Use Consultants)

LAB SAMPLE NO.	CLIENT SAMPLE NO
S5659-01	LE-SB6-12-14
S5659-02	LE-SB6-16-18
S5659-03	LE-SB6-18-20
S5659-04	LE-SB7-14-16
S5659-05	LE-SB8-0-2
S5659-06	LE-SB8-5-7
S5659-07	LE-SB8-10-12
S5659-08	LE-QA-QC-602-603MS
S5659-09	LE-QA-QC-602-603MSD
S5659-10	TRIPBLANK

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hard copy data package has been authorized by the laboratory manager or his designee, as verified by the following signature.

Signature: _____ Name: Kunja Tuley

Date: 12/10/09 Title: QA/QC

CHEMTECH

CASE NARRATIVE

Lightship Engineering (Env.&Land Use Consultants)
Project Name: National Grid Schenectady Site
Project # 518.4.1
Chemtech Project # S5659

A. Number of Samples and Date of Receipt:
9 Solid samples were received on 11/10/04.
1 Water sample was received on 11/10/04.

B. Parameters:
According to the Chain of Custody document, the following analyses were requested: BTEX by GC/MS, Cyanide, Mercury, ~~Polynu~~clear Aromatic Hydrocarbons (PAH), TAL ICP Metals, TAL Metals, Total Organic Carbon, and VOCMS Group1. This data package contains results for Mercury and TAL ICP Metals.

C. Analytical Techniques:
The analysis of Mercury was based on method 7471 and TAL ICP Metals was based on method 6010.

D. QA/ QC Samples:
The Holding Times were met for all analysis.
The Lab Control Sample met requirements for all samples.
The Duplicate analysis met criteria for all samples.
The Matrix Spike analysis met criteria for all samples.
The Matrix Spike Duplicate analysis met criteria for all samples except for Mercury.
The Blank analysis did not indicate the presence of lab contamination.
The Calibration met the requirements.
The Serial Dilution met the acceptable requirements.

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

Signature _____ Name: Krupa Dubey

Date: 12/1/04 Title: QA/QC

CHEMTECH

CASE NARRATIVE

Lightship Engineering (Env.&Land Use Consultants)
Project Name: National Grid Schenectady Site
Project # 518.4.1
Chemtech Project # S5662

A. Number of Samples and Date of Receipt:
11 Solid samples were received on 11/10/04.
1 Water sample was received on 11/10/04.

B. Parameters
According to the Chain of Custody document, the following analyses were requested: BTEX by GC/MS, Cyanide, Mercury, Polynuclear Aromatic Hydrocarbons (PAH), TAL ICP Metals, TAL Metals, Total Organic Carbon, and VOCMS Group1. This data package contains results for VOCMS Group1.

C. Analytical Techniques:
The analysis performed on instrument MSVOA I were done using GC column RTXVMS, which is 20 meters, 0.18 ID, 1.0 df, Restek Cat. #49914. The Trap was supplied by OI Analytical, OI #10 Trap , OI Eclipse 4660 Concentrator.The analysis performed on instrument MSVOA K were done using GC column DB624, which is 20 meters, 0.18 ID, 1.0 df, J&W Cat. #1211324. The Trap was supplied by OI Analytical, OI #10 Trap , OI 4560 Concentrator.

D. QA/ QC Samples:
The Holding Times were met for all analysis.
The Surrogate recoveries met the acceptable criteria except for LE-TP4-8-10RE and LE-SB3-10-12.
The Internal Standards Areas met the acceptable requirements except for LE-TP4-8-10, LE-QA-QC-400MSD, LE-SB3-10-12, LE-TP4-8-10RE and LE-SB5-22-24.
The Retention Times were acceptable for all samples.
The MS recoveries met the requirements for all compounds except for .
The MSD recoveries met the acceptable requirements except for .
The RPD recoveries met criteria except for .
The Blank Spike met requirements for all samples.
The Blank analysis indicated presence of Methylene Chloride due to possible lab contamination.
The Calibration met the requirements.
The Tuning criteria met requirements.

E. Additional Comments:

Samples LE-SB4-8-10, LE-SB5-10-12, LE-SB5-16-18, LE-SB5-22-24 and LE-SB3-10-1 were diluted due to high concentrations.

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

Signature _____ Name: Krupa Dubey

Date: 1/11/24 Title: QA/QC

CHEMTECH

CASE NARRATIVE

Lightship Engineering (Env.&Land Use Consultants)
Project Name: National Grid Schenectady Site
Project # N/A
Chemtech Project # S5869

A. Number of Samples and Date of Receipt:
9 Water samples were received on 11/23/04.

B. Parameters
According to the Chain of Custody document, the following analyses were requested: Mercury, TAL ICP Metals, TAL Metals, and VOCMS Group1. This data package contains results for VOCMS Group1.

C. Analytical Techniques:
The analysis performed on instrument MSVOA D were done using GC column RTX624 which is 20 meters, 0.18 ID, 1.0 df, Restek Cat. #40924. The Trap was supplied by OI Analytical, OI #10 Trap , OI Eclipse 4660 Concentrator.

D. QA/ QC Samples:
The Holding Times were met for all analysis.
The Surrogate recoveries met the acceptable criteria.
The Internal Standards Areas met the acceptable requirements.
The Retention Times were acceptable for all samples.
The MS recoveries met the requirements for all compounds.
The MSD recoveries met the acceptable requirements.
The RPD recoveries met criteria.
The Blank Spike met requirements for all samples.
The Blank analysis did not indicate the presence of lab contamination.
The Calibration met the requirements.
The Tuning criteria met requirements.

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

Signature _____ Name: Krupa Dubey

Date: 12/9/04 Title: QA/QC

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	Lightship Engineering (Env.&Land Use Consı	Date Collected:	11/2/2004
Project:	National Grid Schenectady Site	Date Received:	11/8/2004
Client Sample ID:	LE-SB1-5-7	SDG No.:	S5626
Lab Sample ID:	S5626-01	Matrix:	SOIL
Analytical Method:	8260	% Moisture:	27
Sample Wt/Vol:	5.0 Units: g	Soil Extract Vol:	uL
Soil Aliquot Vol:	mL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VK111553.D	1	11/16/2004	VK111104

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
71-43-2	Benzene	0.28	U J	6.8	0.28	ug/Kg
108-88-3	Toluene	0.35	U	6.8	0.35	ug/Kg
100-41-4	Ethyl Benzene	0.34	U	6.8	0.34	ug/Kg
136777-61-2	m/p-Xylenes	0.70	U	6.8	0.70	ug/Kg
95-47-6	o-Xylene	0.59	U	6.8	0.59	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	49.98	100 %	75 - 125		SPK: 50
1868-53-7	Dibromofluoromethane	48.85	98 %	75 - 125		SPK: 50
2037-26-5	Toluene-d8	46.92	94 %	75 - 125		SPK: 50
460-00-4	4-Bromofluorobenzene	43.1	86 %	75 - 125		SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	276274	4.34			
540-36-3	1,4-Difluorobenzene	502809	4.79			
3114-55-4	Chlorobenzene-d5	443850	7.69			
3855-82-1	1,4-Dichlorobenzene-d4	213136	9.69			

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	Lightship Engineering (Env.&Land Use Consı	Date Collected:	11/2/2004
Project:	National Grid Schenectady Site	Date Received:	11/8/2004
Client Sample ID:	LE-SB2-10-12	SDG No.:	S5626
Lab Sample ID:	S5626-02	Matrix:	SOIL
Analytical Method:	8260	% Moisture:	20
Sample Wt/Vol:	5.0 Units: g	Soil Extract Vol:	nL
Soil Aliquot Vol:	mL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VK111551.D	1	11/16/2004	VK111104

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
71-43-2	Benzene	0.25	U J	6.2	0.25	ug/Kg
108-88-3	Toluene	0.32	U	6.2	0.32	ug/Kg
100-41-4	Ethyl Benzene	0.31	U	6.2	0.31	ug/Kg
136777-61-2	m/p-Xylenes	0.64	U	6.2	0.64	ug/Kg
95-47-6	o-Xylene	0.54	U	6.2	0.54	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	49.14	98 %	75 - 125		SPK: 50
1868-53-7	Dibromofluoromethane	48.64	97 %	75 - 125		SPK: 50
2037-26-5	Toluene-d8	48.12	96 %	75 - 125		SPK: 50
460-00-4	4-Bromofluorobenzene	47.73	95 %	75 - 125		SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	288836	4.34			
540-36-3	1,4-Difluorobenzene	519646	4.79			
3114-55-4	Chlorobenzene-d5	483178	7.69			
3855-82-1	1,4-Dichlorobenzene-d4	257869	9.69			

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	Lightship Engineering (Env.&Land Use Const	Date Collected:	11/2/2004
Project:	National Grid Schenectady Site	Date Received:	11/8/2004
Client Sample ID:	LE-TP1-8-10	SDG No.:	S5626
Lab Sample ID:	S5626-03	Matrix:	SOIL
Analytical Method:	8260	% Moisture:	21
Sample Wt/Vol:	5.0 Units: g	Soil Extract Vol:	uL
Soil Aliquot Vol:	mL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VK111552.D	1	11/16/2004	VK111104

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
71-43-2	Benzene	0.26	U J	6.3	0.26	ug/Kg
108-88-3	Toluene	0.33	U	6.3	0.33	ug/Kg
100-41-4	Ethyl Benzene	0.32	U	6.3	0.32	ug/Kg
136777-61-2	m/p-Xylenes	0.65	U	6.3	0.65	ug/Kg
95-47-6	o-Xylene	0.55	U	6.3	0.55	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	51.1	102 %	75 - 125		SPK: 50
1868-53-7	Dibromofluoromethane	49.49	99 %	75 - 125		SPK: 50
2037-26-5	Toluene-d8	47.57	95 %	75 - 125		SPK: 50
460-00-4	4-Bromofluorobenzene	44.1	88 %	75 - 125		SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	283437	4.34			
540-36-3	1,4-Difluorobenzene	518073	4.79			
3114-55-4	Chlorobenzene-d5	462163	7.69			
3855-82-1	1,4-Dichlorobenzene-d4	229721	9.69			

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	Lightship Engineering (Env.&Land Use Consı	Date Collected:	11/5/2004
Project:	National Grid Schenectady Site	Date Received:	11/8/2004
Client Sample ID:	LE-QA-QC-300	SDG No.:	S5626
Lab Sample ID:	S5626-04	Matrix:	WATER
Analytical Method:	8260	% Moisture:	100
Sample Wt/Vol:	5.0 Units: mL	Soil Extract Vol:	uL
Soil Aliquot Vol:	mL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VI111211.D	1	11/12/2004	VI110504

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.33	U	5.0	0.33	ug/L
74-87-3	Chloromethane	0.68	U	5.0	0.68	ug/L
75-01-4	Vinyl chloride	0.27	U	5.0	0.27	ug/L
74-83-9	Bromomethane	0.78	U	5.0	0.78	ug/L
75-00-3	Chloroethane	0.88	U	5.0	0.88	ug/L
75-69-4	Trichlorofluoromethane	0.58	U	5.0	0.58	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.69	U	5.0	0.69	ug/L
75-35-4	1,1-Dichloroethene	0.32	U	5.0	0.32	ug/L
67-64-1	Acetone	3.3	U	25	3.3	ug/L
75-15-0	Carbon disulfide	0.39	U	5.0	0.39	ug/L
1634-04-4	Methyl tert-butyl Ether	0.36	U	5.0	0.36	ug/L
79-20-9	Methyl Acetate	0.83	U	5.0	0.83	ug/L
75-09-2	Methylene Chloride	0.62	U	5.0	0.62	ug/L
156-60-5	trans-1,2-Dichloroethene	0.51	U	5.0	0.51	ug/L
75-34-3	1,1-Dichloroethane	0.22	U	5.0	0.22	ug/L
110-82-7	Cyclohexane	0.37	U	5.0	0.37	ug/L
78-93-3	2-Butanone	2.8	U	25	2.8	ug/L
56-23-5	Carbon Tetrachloride	0.47	U	5.0	0.47	ug/L
156-59-2	cis-1,2-Dichloroethene	0.77	U	5.0	0.77	ug/L
67-66-3	Chloroform	0.58	U	5.0	0.58	ug/L
71-55-6	1,1,1-Trichloroethane	0.41	U	5.0	0.41	ug/L
108-87-2	Methylcyclohexane	0.58	U	5.0	0.58	ug/L
71-43-2	Benzene	0.24	U	5.0	0.24	ug/L
107-06-2	1,2-Dichloroethane	0.32	U	5.0	0.32	ug/L
79-01-6	Trichloroethene	0.67	U	5.0	0.67	ug/L
78-87-5	1,2-Dichloropropane	0.63	U	5.0	0.63	ug/L
75-27-4	Bromodichloromethane	0.35	U	5.0	0.35	ug/L
108-10-1	4-Methyl-2-Pentanone	1.3	U	25	1.3	ug/L
108-88-3	Toluene	0.39	U	5.0	0.39	ug/L
10061-02-6	t-1,3-Dichloropropene	0.42	U	5.0	0.42	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.15	U	5.0	0.15	ug/L
79-00-5	1,1,2-Trichloroethane	0.52	U	5.0	0.52	ug/L

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	Lightship Engineering (Env.&Land Use Consı	Date Collected:	11/5/2004
Project:	National Grid Schenectady Site	Date Received:	11/8/2004
Client Sample ID:	LE-QA-QC-300	SDG No.:	S5626
Lab Sample ID:	S5626-04	Matrix:	WATER
Analytical Method:	8260	% Moisture:	100
Sample Wt/Vol:	5.0 Units: mL	Soil Extract Vol:	uL
Soil Aliquot Vol:	mL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VI111211.D	1	11/12/2004	VI110504

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	0.66	U	25	0.66	ug/L
124-48-1	Dibromochloromethane	0.38	U	5.0	0.38	ug/L
106-93-4	1,2-Dibromoethane	0.63	U	5.0	0.63	ug/L
127-18-4	Tetrachloroethene	0.33	U	5.0	0.33	ug/L
108-90-7	Chlorobenzene	0.37	U	5.0	0.37	ug/L
100-41-4	Ethyl Benzene	0.41	U	5.0	0.41	ug/L
136777-61-2	m/p-Xylenes	0.96	U	5.0	0.96	ug/L
95-47-6	o-Xylene	0.37	U	5.0	0.37	ug/L
100-42-5	Styrene	0.34	U	5.0	0.34	ug/L
75-25-2	Bromoform	0.25	U	5.0	0.25	ug/L
98-82-8	Isopropylbenzene	0.33	U	5.0	0.33	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	5.0	0.50	ug/L
541-73-1	1,3-Dichlorobenzene	0.37	U	5.0	0.37	ug/L
106-46-7	1,4-Dichlorobenzene	0.39	U	5.0	0.39	ug/L
95-50-1	1,2-Dichlorobenzene	0.37	U	5.0	0.37	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.94	U	5.0	0.94	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.29	U	5.0	0.29	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	40.13	80 %	72 - 119		SPK: 50
1868-53-7	Dibromofluoromethane	48.68	97 %	85 - 115		SPK: 50
2037-26-5	Toluene-d8	47.54	95 %	81 - 120		SPK: 50
460-00-4	4-Bromofluorobenzene	46.37	93 %	76 - 119		SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	574210	4.12			
540-36-3	1,4-Difluorobenzene	851363	4.57			
3114-55-4	Chlorobenzene-d5	727861	7.58			
3855-82-1	1,4-Dichlorobenzene-d4	412790	9.81			

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	Lightship Engineering (Env.&Land Use Consı	Date Collected:	11/5/2004
Project:	National Grid Schenectady Site	Date Received:	11/8/2004
Client Sample ID:	TRIPBLANK	SDG No.:	S5626
Lab Sample ID:	S5626-05	Matrix:	WATER
Analytical Method:	8260	% Moisture:	100
Sample Wt/Vol:	5.0 Units: mL	Soil Extract Vol:	uL
Soil Aliquot Vol:	mL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VI111208.D	1	11/12/2004	VI110504

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.33	U	5.0	0.33	ug/L
74-87-3	Chloromethane	0.68	U	5.0	0.68	ug/L
75-01-4	Vinyl chloride	0.27	U	5.0	0.27	ug/L
74-83-9	Bromomethane	0.78	U	5.0	0.78	ug/L
75-00-3	Chloroethane	0.88	U	5.0	0.88	ug/L
75-69-4	Trichlorofluoromethane	0.58	U	5.0	0.58	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.69	U	5.0	0.69	ug/L
75-35-4	1,1-Dichloroethene	0.32	U	5.0	0.32	ug/L
67-64-1	Acetone	3.3	U	25	3.3	ug/L
75-15-0	Carbon disulfide	0.39	U	5.0	0.39	ug/L
1634-04-4	Methyl tert-butyl Ether	0.36	U	5.0	0.36	ug/L
79-20-9	Methyl Acetate	0.83	U	5.0	0.83	ug/L
75-09-2	Methylene Chloride	0.62	U	5.0	0.62	ug/L
156-60-5	trans-1,2-Dichloroethene	0.51	U	5.0	0.51	ug/L
75-34-3	1,1-Dichloroethane	0.22	U	5.0	0.22	ug/L
110-82-7	Cyclohexane	0.37	U	5.0	0.37	ug/L
78-93-3	2-Butanone	2.8	U	25	2.8	ug/L
56-23-5	Carbon Tetrachloride	0.47	U	5.0	0.47	ug/L
156-59-2	cis-1,2-Dichloroethene	0.77	U	5.0	0.77	ug/L
67-66-3	Chloroform	0.58	U	5.0	0.58	ug/L
71-55-6	1,1,1-Trichloroethane	0.41	U	5.0	0.41	ug/L
108-87-2	Methylcyclohexane	0.58	U	5.0	0.58	ug/L
71-43-2	Benzene	0.24	U	5.0	0.24	ug/L
107-06-2	1,2-Dichloroethane	0.32	U	5.0	0.32	ug/L
79-01-6	Trichloroethene	0.67	U	5.0	0.67	ug/L
78-87-5	1,2-Dichloropropane	0.63	U	5.0	0.63	ug/L
75-27-4	Bromodichloromethane	0.35	U	5.0	0.35	ug/L
108-10-1	4-Methyl-2-Pentanone	1.3	U	25	1.3	ug/L
108-88-3	Toluene	0.39	U	5.0	0.39	ug/L
10061-02-6	t-1,3-Dichloropropene	0.42	U	5.0	0.42	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.15	U	5.0	0.15	ug/L
79-00-5	1,1,2-Trichloroethane	0.52	U	5.0	0.52	ug/L

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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	Lightship Engineering (Env.&Land Use Consi	Date Collected:	11/5/2004
Project:	National Grid Schenectady Site	Date Received:	11/8/2004
Client Sample ID:	TRIPBLANK	SDG No.:	S5626
Lab Sample ID:	S5626-05	Matrix:	WATER
Analytical Method:	8260	% Moisture:	100
Sample Wt/Vol:	5.0 Units: mL	Soil Extract Vol:	uL
Soil Aliquot Vol:	mL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VI111208.D	1	11/12/2004	VI110504

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	0.66	U	25	0.66	ug/L
124-48-1	Dibromochloromethane	0.38	U	5.0	0.38	ug/L
106-93-4	1,2-Dibromoethane	0.63	U	5.0	0.63	ug/L
127-18-4	Tetrachloroethene	0.33	U	5.0	0.33	ug/L
108-90-7	Chlorobenzene	0.37	U	5.0	0.37	ug/L
100-41-4	Ethyl Benzene	0.41	U	5.0	0.41	ug/L
136777-61-2	m/p-Xylenes	0.96	U	5.0	0.96	ug/L
95-47-6	o-Xylene	0.37	U	5.0	0.37	ug/L
100-42-5	Styrene	0.34	U	5.0	0.34	ug/L
75-25-2	Bromoform	0.25	U	5.0	0.25	ug/L
98-82-8	Isopropylbenzene	0.33	U	5.0	0.33	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	5.0	0.50	ug/L
541-73-1	1,3-Dichlorobenzene	0.37	U	5.0	0.37	ug/L
106-46-7	1,4-Dichlorobenzene	0.39	U	5.0	0.39	ug/L
95-50-1	1,2-Dichlorobenzene	0.37	U	5.0	0.37	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.94	U	5.0	0.94	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.29	U	5.0	0.29	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	40.47	81 %	72 - 119		SPK: 50
1868-53-7	Dibromofluoromethane	49.57	99 %	85 - 115		SPK: 50
2037-26-5	Toluene-d8	48.37	97 %	81 - 120		SPK: 50
460-00-4	4-Bromofluorobenzene	46.92	94 %	76 - 119		SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	579154	4.12			
540-36-3	1,4-Difluorobenzene	867521	4.56			
3114-55-4	Chlorobenzene-d5	765661	7.58			
3855-82-1	1,4-Dichlorobenzene-d4	442776	9.81			

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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	Lightship Engineering (Env.&Land Use Consultan	Date Collected:	11/2/04
Project:	National Grid Schenectady Site	Date Received:	11/8/04
Client Sample ID:	LE-SB1-5-7	SDG No.:	S5626
Lab Sample ID:	S5626-01	Matrix:	SOIL
Analytical Method:	8270	% Moisture:	27
Sample Wt/Vol:	15.1 g	Extract Vol:	500 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BA015575.D	1	11/9/04	11/12/04	BA110504

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
91-20-3	Naphthalene	90	J	450	9.8	ug/Kg
208-96-8	Acenaphthylene	13	U	450	13	ug/Kg
83-32-9	Acenaphthene	9.9	U	450	9.9	ug/Kg
86-73-7	Fluorene	77	J	450	13	ug/Kg
85-01-8	Phenanthrene	540		450	10	ug/Kg
120-12-7	Anthracene	160	J	450	11	ug/Kg
206-44-0	Fluoranthene	720		450	6.2	ug/Kg
129-00-0	Pyrene	810		450	8.0	ug/Kg
56-55-3	Benzo(a)anthracene	580		450	6.8	ug/Kg
218-01-9	Chrysene	510		450	14	ug/Kg
205-99-2	Benzo(b)fluoranthene	630		450	24	ug/Kg
207-08-9	Benzo(k)fluoranthene	320	J	450	15	ug/Kg
50-32-8	Benzo(a)pyrene	580		450	7.7	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	300	J	450	11	ug/Kg
53-70-3	Dibenz(a,h)anthracene	74	J	450	13	ug/Kg
191-24-2	Benzo(g,h,i)perylene	240	J	450	20	ug/Kg
SURROGATES						
4165-60-0	Nitrobenzene-d5	151.2	76 %	23 - 120		SPK: 20
321-60-8	2-Fluorobiphenyl	178.4	89 %	30 - 116		SPK: 20
1718-51-0	Terphenyl-d14	175.81	88 %	18 - 137		SPK: 20
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	95963	6.03			
1146-65-2	Naphthalene-d8	343300	8.36			
15067-26-2	Acenaphthene-d10	167798	11.75			
1517-22-2	Phenanthrene-d10	244995	14.65			
1719-03-5	Chrysene-d12	195821	19.89			
1520-96-3	Perylene-d12	222178	22.54			

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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	Lightship Engineering (Env.&Land Use Consultan	Date Collected:	11/2/04
Project:	National Grid Schenectady Site	Date Received:	11/8/04
Client Sample ID:	LE-SB2-10-12	SDG No.:	S5626
Lab Sample ID:	S5626-02	Matrix:	SOIL
Analytical Method:	8270	% Moisture:	20
Sample Wt/Vol:	15.1 g	Extract Vol:	500 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BA015556.D	1	11/9/04	11/11/04	BA110504

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
91-20-3	Naphthalene	8.9	U	410	8.9	ug/Kg
208-96-8	Acenaphthylene	12	U	410	12	ug/Kg
83-32-9	Acenaphthene	9.0	U	410	9.0	ug/Kg
86-73-7	Fluorene	12	U	410	12	ug/Kg
85-01-8	Phenanthrene	9.2	U	410	9.2	ug/Kg
120-12-7	Anthracene	9.8	U	410	9.8	ug/Kg
206-44-0	Fluoranthene	5.7	U	410	5.7	ug/Kg
129-00-0	Pyrene	7.3	U	410	7.3	ug/Kg
56-55-3	Benzo(a)anthracene	6.2	U	410	6.2	ug/Kg
218-01-9	Chrysene	13	U	410	13	ug/Kg
205-99-2	Benzo(b)fluoranthene	22	U	410	22	ug/Kg
207-08-9	Benzo(k)fluoranthene	14	U	410	14	ug/Kg
50-32-8	Benzo(a)pyrene	7.1	U	410	7.1	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	9.9	U	410	9.9	ug/Kg
53-70-3	Dibenz(a,h)anthracene	12	U	410	12	ug/Kg
191-24-2	Benzo(g,h,i)perylene	18	U	410	18	ug/Kg
SURROGATES						
4165-60-0	Nitrobenzene-d5	139.04	70 %	23 - 120		SPK: 20
321-60-8	2-Fluorobiphenyl	149.24	75 %	30 - 116		SPK: 20
1718-51-0	Terphenyl-d14	190.35	95 %	18 - 137		SPK: 20
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	99355	6.03			
1146-65-2	Naphthalene-d8	369971	8.36			
15067-26-2	Acenaphthene-d10	201503	11.76			
1517-22-2	Phenanthrene-d10	300333	14.66			
1719-03-5	Chrysene-d12	223124	19.90			
1520-96-3	Perylene-d12	229448	22.55			

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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	Lightship Engineering (Env.&Land Use Consultan	Date Collected:	11/2/04
Project:	National Grid Schenectady Site	Date Received:	11/8/04
Client Sample ID:	LE-TP1-8-10	SDG No.:	S5626
Lab Sample ID:	S5626-03	Matrix:	SOIL
Analytical Method:	8270	% Moisture:	21
Sample Wt/Vol:	15.2 g	Extract Vol:	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BA015661.D	1	11/9/04	11/16/04	BA110504

CAS Number	Parameter		Conc.	Qualifier	RL	MDL	Units
TARGETS							
91-20-3	Naphthalene		630	J	830	18	ug/Kg
208-96-8	Acenaphthylene		390	J	830	25	ug/Kg
83-32-9	Acenaphthene		180	J	830	18	ug/Kg
86-73-7	Fluorene		460	J	830	24	ug/Kg
85-01-8	Phenanthrene		4900		830	19	ug/Kg
120-12-7	Anthracene		1400		830	20	ug/Kg
206-44-0	Fluoranthene	8200	~~13000~~	~~E~~	830	12	ug/Kg
129-00-0	Pyrene	7400	~~11000~~	~~E~~	830	15	ug/Kg
56-55-3	Benzo(a)anthracene	5400	~~7900~~	~~E~~	830	13	ug/Kg
218-01-9	Chrysene		6600		830	26	ug/Kg
205-99-2	Benzo(b)fluoranthene	8500	~~13000~~	~~E~~	830	44	ug/Kg
207-08-9	Benzo(k)fluoranthene		4000		830	28	ug/Kg
50-32-8	Benzo(a)pyrene	7300	~~9500~~	~~E~~	830	14	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene		2500		830	20	ug/Kg
53-70-3	Dibenz(a,h)anthracene		1100		830	24	ug/Kg
191-24-2	Benzo(g,h,i)perylene		2400		830	36	ug/Kg
SURROGATES							
4165-60-0	Nitrobenzene-d5		82.3	41 %	23 - 120		SPK: 20
321-60-8	2-Fluorobiphenyl		86.52	43 %	30 - 116		SPK: 20
1718-51-0	Terphenyl-d14		80.15	40 %	18 - 137		SPK: 20
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4		100387	5.99			
1146-65-2	Naphthalene-d8		351515	8.31			
15067-26-2	Acenaphthene-d10		196314	11.70			
1517-22-2	Phenanthrene-d10		327080	14.59			
1719-03-5	Chrysene-d12		366019	19.82			
1520-96-3	Perylene-d12		308821	22.47			

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Report of Analysis

Client:	Lightship Engineering (Env.&Land Use Consultan	Date Collected:	11/5/04
Project:	National Grid Schenectady Site	Date Received:	11/8/04
Client Sample ID:	LE-QA-QC-300	SDG No.:	S5626
Lab Sample ID:	S5626-04	Matrix:	WATER
Analytical Method:	8270	% Moisture:	100
Sample Wt/Vol:	950.0 mL	Extract Vol:	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BA015534.D	1	11/9/04	11/11/04	BA110504

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
91-20-3	Naphthalene	0.270	U	11	0.270	ug/L
208-96-8	Acenaphthylene	0.440	U	11	0.440	ug/L
83-32-9	Acenaphthene	0.240	U	11	0.240	ug/L
86-73-7	Fluorene	0.170	U	11	0.170	ug/L
85-01-8	Phenanthrene	0.280	U	11	0.280	ug/L
120-12-7	Anthracene	0.160	U	11	0.160	ug/L
206-44-0	Fluoranthene	0.210	U	11	0.210	ug/L
129-00-0	Pyrene	0.250	U	11	0.250	ug/L
56-55-3	Benzo(a)anthracene	0.230	U	11	0.230	ug/L
218-01-9	Chrysene	0.390	U	11	0.390	ug/L
205-99-2	Benzo(b)fluoranthene	0.230	U	11	0.230	ug/L
207-08-9	Benzo(k)fluoranthene	0.390	U	11	0.390	ug/L
50-32-8	Benzo(a)pyrene	0.450	U	11	0.450	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.290	U	11	0.290	ug/L
53-70-3	Dibenz(a,h)anthracene	0.290	U	11	0.290	ug/L
191-24-2	Benzo(g,h,i)perylene	0.430	U	11	0.430	ug/L
SURROGATES						
4165-60-0	Nitrobenzene-d5	144.91	72 %	35 - 114		SPK: 20
321-60-8	2-Fluorobiphenyl	150.14	75 %	43 - 116		SPK: 20
1718-51-0	Terphenyl-d14	159.57	80 %	33 - 141		SPK: 20
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	86858	6.01			
1146-65-2	Naphthalene-d8	307170	8.38			
15067-26-2	Acenaphthene-d10	154735	11.79			
1517-22-2	Phenanthrene-d10	251912	14.69			
1719-03-5	Chrysene-d12	224243	19.92			
1520-96-3	Perylene-d12	263222	22.57			

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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	Lightship Engineering (Env.&Land Use Consi	**Date Collected:**	11/5/2004
Project:	National Grid Schenec	**Date Received:**	11/8/2004
Client Sample ID:	LE-QA-QC-300	**SDG No.:**	S5626
Lab Sample ID:	S5626-04	**Matrix:**	WATER
		% Solids:	0.00

CAS No.	Analyte	Conc.	Qualifier	Units	DL	Dilution	Date Prep	Date Anal.	Method
7429-90-5	Aluminum	180	U	ug/L	180	1	11/15/2004	11/16/2004	EPA SW-846 6010
7440-36-0	Antimony	6.600	U	ug/L	6.600	1	11/15/2004	11/16/2004	EPA SW-846 6010
7440-38-2	Arsenic	4.840	U	ug/L	4.840	1	11/15/2004	11/16/2004	EPA SW-846 6010
7440-39-3	Barium	11.0	U	ug/L	11.0	1	11/15/2004	11/16/2004	EPA SW-846 6010
7440-41-7	Beryllium	1.060	U	ug/L	1.060	1	11/15/2004	11/16/2004	EPA SW-846 6010
7440-43-9	Cadmium	0.994	U	ug/L	0.994	1	11/15/2004	11/16/2004	EPA SW-846 6010
7440-70-2	Calcium	1740	U	ug/L	1740	1	11/15/2004	11/16/2004	EPA SW-846 6010
7440-47-3	Chromium	1.220	U	ug/L	1.220	1	11/15/2004	11/16/2004	EPA SW-846 6010
7440-48-4	Cobalt	2.380	U	ug/L	2.380	1	11/15/2004	11/16/2004	EPA SW-846 6010
7440-50-8	Copper	5.980	J	ug/L	0.739	1	11/15/2004	11/16/2004	EPA SW-846 6010
7439-89-6	Iron	301		ug/L	29.0	1	11/15/2004	11/16/2004	EPA SW-846 6010
7439-92-1	Lead	1.790	U	ug/L	1.790	1	11/15/2004	11/16/2004	EPA SW-846 6010
7439-95-4	Magnesium	276	J	ug/L	254	1	11/15/2004	11/16/2004	EPA SW-846 6010
7439-96-5	Manganese	0.195	U	ug/L	0.195	1	11/15/2004	11/16/2004	EPA SW-846 6010
7439-97-6	Mercury	0.0300	U	ug/L	0.030	1	11/17/2004	11/18/2004	EPA SW-846 7470
7440-02-0	Nickel	5.550	U	ug/L	5.550	1	11/15/2004	11/16/2004	EPA SW-846 6010
7440-09-7	Potassium	68.1	J	ug/L	51.0	1	11/15/2004	11/16/2004	EPA SW-846 6010
7782-49-2	Selenium	5.240	U	ug/L	5.240	1	11/15/2004	11/16/2004	EPA SW-846 6010
7440-22-4	Silver	3.380	U	ug/L	3.380	1	11/15/2004	11/16/2004	EPA SW-846 6010
7440-23-5	Sodium	465	J	ug/L	189	1	11/15/2004	11/16/2004	EPA SW-846 6010
7440-28-0	Thallium	5.780	U	ug/L	5.780	1	11/15/2004	11/16/2004	EPA SW-846 6010
7440-62-2	Vanadium	1.860	U	ug/L	1.860	1	11/15/2004	11/16/2004	EPA SW-846 6010
7440-66-6	Zinc	16.3	J	ug/L	8.110	1	11/15/2004	11/16/2004	EPA SW-846 6010

Comments:

U = Not Detected
DL = Method Detection Limit or Instrument Detection Limit

J = Estimated Value
B = Analyte Found In Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	Lightship Engineering (Env.&Land Use Cons	Date Collected:	11/2/04
Project:		Date Received:	11/8/04
Client Sample ID:	LE-SB1-5-7	SDG No.:	S5626
Lab Sample ID:	S5626-01	Matrix:	SOIL
% Solids:	73.00		

Analyte	Result	Qualifier	RL	Units	DF	Date Analyzed	Method
Cyanide	17	J	0.685	mg/Kg	1	11/11/04	9012 Cyanide
TOC	10000		340	mg/Kg	1	11/21/04	9060 TOC

Comment

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Report of Analysis

Client:	Lightship Engineering (Env.&Land Use Cons	Date Collected:	11/2/04
Project:		Date Received:	11/8/04
Client Sample ID:	LE-SB2-10-12	SDG No.:	S5626
Lab Sample ID:	S5626-02	Matrix:	SOIL
% Solids:	80.20		

Analyte	Result	Qualifier	RL	Units	DF	Date Analyzed	Method
Cyanide	0.623	U J	0.623	mg/Kg	1	11/11/04	9012 Cyanide
TOC	1000		310	mg/Kg	1	11/21/04	9060 TOC

Comment

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Report of Analysis

Client:	Lightship Engineering (Env.&Land Use Cons	**Date Collected:**	11/2/04
Project:		**Date Received:**	11/8/04
Client Sample ID:	LE-TP1-8-10	**SDG No.:**	S5626
Lab Sample ID:	S5626-03	**Matrix:**	SOIL
% Solids:	78.60		

Analyte	Result	Qualifier	RL	Units	DF	Date Analyzed	Method
Cyanide	37	J	0.636	mg/Kg	1	11/11/04	9012 Cyanide
TOC	> 50000		320	mg/Kg	1	11/21/04	9060 TOC

JB 11/24/04

Comment

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Report of Analysis

Client:	Lightship Engineering (Env.&Land Use Cons	Date Collected:	11/5/04
Project:		Date Received:	11/8/04
Client Sample ID:	LE-QA-QC-300	SDG No.:	S5626
Lab Sample ID:	S5626-04	Matrix:	WATER
% Solids:	0.00		

Analyte	Result	Qualifier	RL	Units	DF	Date Analyzed	Method
Cyanide	0.010	UJ	0.010	mg/L	1	11/11/04	9012 Cyanide

Comment

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Report of Analysis

Client:	Lightship Engineering (Env.&Land Use Consı	Date Collected:	11/4/2004
Project:	National Grid Schenectady Site	Date Received:	11/10/2004
Client Sample ID:	LE-SB6-12-14	SDG No.:	S5659
Lab Sample ID:	S5659-01	Matrix:	SOIL
Analytical Method:	8260	% Moisture:	18
Sample Wt/Vol:	5.0 Units: g	Soil Extract Vol:	uL
Soil Aliquot Vol:	mL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VK111314.D	1	11/13/2004	VK111104

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
71-43-2	Benzene	0.25	U	6.1	0.25	ug/Kg
108-88-3	Toluene	0.32	U	6.1	0.32	ug/Kg
100-41-4	Ethyl Benzene	0.30	U	6.1	0.30	ug/Kg
136777-61-2	m/p-Xylenes	0.63	U	6.1	0.63	ug/Kg
95-47-6	o-Xylene	0.53	U	6.1	0.53	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	44.63	89 %	75 - 125		SPK: 50
1868-53-7	Dibromofluoromethane	49.5	99 %	75 - 125		SPK: 50
2037-26-5	Toluene-d8	48.6	97 %	75 - 125		SPK: 50
460-00-4	4-Bromofluorobenzene	47.2	94 %	75 - 125		SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	327125	4.34			
540-36-3	1,4-Difluorobenzene	546330	4.80			
3114-55-4	Chlorobenzene-d5	490653	7.69			
3855-82-1	1,4-Dichlorobenzene-d4	258980	9.69			

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range
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B = Analyte Found in Associated Method Blank
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Report of Analysis

Client:	Lightship Engineering (Env.&Land Use Consı	**Date Collected:**	11/4/2004
Project:	National Grid Schenectady Site	**Date Received:**	11/10/2004
Client Sample ID:	LE-SB6-16-18RE	**SDG No.:**	S5659
Lab Sample ID:	S5659-02RE	**Matrix:**	SOIL
Analytical Method:	8260	**% Moisture:**	17
Sample Wt/Vol:	5.0 Units: g	**Soil Extract Vol:**	uL
Soil Aliquot Vol:	mL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VK111315.D	2	11/13/2004	VK111104

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
71-43-2	Benzene	0.49	U	12	0.49	ug/Kg
108-88-3	Toluene	0.62	U	12	0.62	ug/Kg
100-41-4	Ethyl Benzene	0.60	U	12	0.60	ug/Kg
136777-61-2	m/p-Xylenes	1.2	U	12	1.2	ug/Kg
95-47-6	o-Xylene	1.0	U	12	1.0	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	46.3	93 %	75 - 125		SPK: 50
1868-53-7	Dibromofluoromethane	48.42	97 %	75 - 125		SPK: 50
2037-26-5	Toluene-d8	48.94	98 %	75 - 125		SPK: 50
460-00-4	4-Bromofluorobenzene	59.44	119 %	75 - 125		SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	228950	4.34			
540-36-3	1,4-Difluorobenzene	388083	4.79			
3114-55-4	Chlorobenzene-d5	343353	7.69			
3855-82-1	1,4-Dichlorobenzene-d4	187261	9.70			

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Report of Analysis

Client:	Lightship Engineering (Env.&Land Use Consı	**Date Collected:**	11/4/2004
Project:	National Grid Schenectady Site	**Date Received:**	11/10/2004
Client Sample ID:	LE-SB6-18-20RE	**SDG No.:**	S5659
Lab Sample ID:	S5659-03RE	**Matrix:**	SOIL
Analytical Method:	8260	**% Moisture:**	15
Sample Wt/Wol:	5.0 Units: g	**Soil Extract Vol:**	uL
Soil Aliquot Vol:	mL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VK111316.D	2	11/13/2004	VK111104

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	2.9	U	12	2.9	ug/Kg
74-87-3	Chloromethane	0.78	U	12	0.78	ug/Kg
75-01-4	Vinyl chloride	0.55	U	12	0.55	ug/Kg
74-83-9	Bromomethane	1.7	U	12	1.7	ug/Kg
75-00-3	Chloroethane	1.2	U J	12	1.2	ug/Kg
75-69-4	Trichlorofluoromethane	5.8	U	12	5.8	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	1.1	U	12	1.1	ug/Kg
75-35-4	1,1-Dichloroethene	0.51	U	12	0.51	ug/Kg
67-64-1	Acetone	730	J	59	18	ug/Kg
75-15-0	Carbon disulfide	0.24	U	12	0.24	ug/Kg
1634-04-4	Methyl tert-butyl Ether	0.54	U	12	0.54	ug/Kg
79-20-9	Methyl Acetate	3.0	U	12	3.0	ug/Kg
75-09-2	Methylene Chloride	1.6	U	12	1.6	ug/Kg
156-60-5	trans-1,2-Dichloroethene	0.87	U	12	0.87	ug/Kg
75-34-3	1,1-Dichloroethane	0.83	U	12	0.83	ug/Kg
110-82-7	Cyclohexane	0.72	U	12	0.72	ug/Kg
78-93-3	2-Butanone	5.4	U	59	5.4	ug/Kg
56-23-5	Carbon Tetrachloride	0.70	U	12	0.70	ug/Kg
156-59-2	cis-1,2-Dichloroethene	0.83	U	12	0.83	ug/Kg
67-66-3	Chloroform	0.56	U	12	0.56	ug/Kg
71-55-6	1,1,1-Trichloroethane	0.64	U	12	0.64	ug/Kg
108-87-2	Methylcyclohexane	0.84	U J	12	0.84	ug/Kg
71-43-2	Benzene	0.48	U	12	0.48	ug/Kg
107-06-2	1,2-Dichloroethane	7.2	U	12	7.2	ug/Kg
79-01-6	Trichloroethene	0.75	U	12	0.75	ug/Kg
78-87-5	1,2-Dichloropropane	0.79	U	12	0.79	ug/Kg
75-27-4	Bromodichloromethane	0.78	U	12	0.78	ug/Kg
108-10-1	4-Methyl-2-Pentanone	5.7	U	59	5.7	ug/Kg
108-88-3	Toluene	0.61	U	12	0.61	ug/Kg
10061-02-6	t-1,3-Dichloropropene	0.60	U	12	0.60	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	0.46	U	12	0.46	ug/Kg
79-00-5	1,1,2-Trichloroethane	1.2	U	12	1.2	ug/Kg

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Report of Analysis

Client:	Lightship Engineering (Env.&Land Use Consi	**Date Collected:**	11/4/2004
Project:	National Grid Schenectady Site	**Date Received:**	11/10/2004
Client Sample ID:	LE-SB6-18-20RE	**SDG No.:**	S5659
Lab Sample ID:	S5659-03RE	**Matrix:**	SOIL
Analytical Method:	8260	**% Moisture:**	15
Sample Wt/Vol:	5.0 Units: g	**Soil Extract Vol:**	uL
Soil Aliquot Vol:	mL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VK111316.D	2	11/13/2004	VK111104

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	7.5	U	59	7.5	ug/Kg
124-48-1	Dibromochloromethane	0.68	U	12	0.68	ug/Kg
106-93-4	1,2-Dibromoethane	0.98	U	12	0.98	ug/Kg
127-18-4	Tetrachloroethene	1.5	U	12	1.5	ug/Kg
108-90-7	Chlorobenzene	0.83	U	12	0.83	ug/Kg
100-41-4	Ethyl Benzene	0.59	U	12	0.59	ug/Kg
136777-61-2	m/p-Xylenes	1.2	U	12	1.2	ug/Kg
95-47-6	o-Xylene	1.0	U	12	1.0	ug/Kg
100-42-5	Styrene	0.74	U	12	0.74	ug/Kg
75-25-2	Bromoform	0.70	U	12	0.70	ug/Kg
98-82-8	Isopropylbenzene	0.87	U	12	0.87	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	1.2	U	12	1.2	ug/Kg
541-73-1	1,3-Dichlorobenzene	0.50	U	12	0.50	ug/Kg
106-46-7	1,4-Dichlorobenzene	0.83	U	12	0.83	ug/Kg
95-50-1	1,2-Dichlorobenzene	0.96	U	12	0.96	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	1.6	U	12	1.6	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	0.59	U	12	0.59	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	44.73	89 %	75 - 125		SPK: 50
1868-53-7	Dibromofluoromethane	49.24	98 %	75 - 125		SPK: 50
2037-26-5	Toluene-d8	48.75	98 %	75 - 125		SPK: 50
460-00-4	4-Bromofluorobenzene	56.84	114 %	75 - 125		SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	359724	4.34			
540-36-3	1,4-Difluorobenzene	605527	4.80			
3114-55-4	Chlorobenzene-d5	528387	7.69			
3855-82-1	1,4-Dichlorobenzene-d4	287555	9.70			
TENTITIVE IDENTIFIED COMPOUNDS						
27831136	Benzene, 4-ethenyl-1,2-dimethyl-	580	J	10.37		ug/Kg
1587048	Benzene, 1-methyl-2-(2-propenyl)-	600	J	10.65		ug/Kg
55000436	Benzoic acid, 2,4-dimethyl-, (2,4-dimeth	430	J	10.78		ug/Kg
17059482	1H-Indene, 2,3-dihydro-1,6-dimethyl-	590	J	10.97		ug/Kg

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Report of Analysis

Client:	Lightship Engineering (Env.&Land Use Consı	**Date Collected:**	11/4/2004
Project:	National Grid Schenectady Site	**Date Received:**	11/10/2004
Client Sample ID:	LE-SB6-18-20RE	**SDG No.:**	S5659
Lab Sample ID:	S5659-03RE	**Matrix:**	SOIL
Analytical Method:	8260	**% Moisture:**	15
Sample Wt/Vol:	5.0 Units: g	**Soil Extract Vol:**	uL
Soil Aliquot Vol:	mL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VK111316.D	2	11/13/2004	VK111104

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
56253646	Benzene, (2-methyl-1-butenyl)-	560	J	11.04		ug/Kg
54120626	Benzene, ethyl-1,2,4-trimethyl-	620	J	11.09		ug/Kg
4489843	Benzene, (3-methyl-2-butenyl)-	420	J	11.28		ug/Kg
7675301	1,6-Naphthyridine, 4-methyl-	440	J	11.32		ug/Kg
18636550	1H-Indene, 1,1-dimethyl-	430	J	11.58		ug/Kg

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Report of Analysis

Client:	Lightship Engineering (Env.&Land Use Consı	**Date Collected:**	11/4/2004
Project:	National Grid Schenectady Site	**Date Received:**	11/10/2004
Client Sample ID:	LE-SB7-14-16	**SDG No.:**	S5659
Lab Sample ID:	S5659-04	**Matrix:**	SOIL
Analytical Method:	8260	**% Moisture:**	15
Sample Wt/Wol:	5.0 Units: g	**Soil Extract Vol:**	uL
Soil Aliquot Vol:	mL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VK111629.D	1	11/16/2004	VK111104

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
71-43-2	Benzene	0.24	U	5.9	0.24	ug/Kg
108-88-3	Toluene	0.30	U	5.9	0.30	ug/Kg
100-41-4	Ethyl Benzene	0.29	U	5.9	0.29	ug/Kg
136777-61-2	m/p-Xylenes	0.60	U	5.9	0.60	ug/Kg
95-47-6	o-Xylene	0.51	U	5.9	0.51	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	44.95	90 %	75 - 125		SPK: 50
1868-53-7	Dibromofluoromethane	49.5	99 %	75 - 125		SPK: 50
2037-26-5	Toluene-d8	49.56	99 %	75 - 125		SPK: 50
460-00-4	4-Bromofluorobenzene	49.41	99 %	75 - 125		SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	311427	4.34			
540-36-3	1,4-Difluorobenzene	514353	4.80			
3114-55-4	Chlorobenzene-d5	472878	7.70			
3855-82-1	1,4-Dichlorobenzene-d4	280530	9.69			

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Report of Analysis

Client:	Lightship Engineering (Env.&Land Use Consı	**Date Collected:**	11/4/2004
Project:	National Grid Schenectady Site	**Date Received:**	11/10/2004
Client Sample ID:	LE-SB8-0-2	**SDG No.:**	S5659
Lab Sample ID:	S5659-05	**Matrix:**	SOIL
Analytical Method:	8260	**% Moisture:**	15
Sample Wt/Vol:	5.0 Units: g	**Soil Extract Vol:**	uL
Soil Aliquot Vol:	mL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VK111318.D	1	11/13/2004	VK111104

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
71-43-2	Benzene	0.24	U	5.9	0.24	ug/Kg
108-88-3	Toluene	0.30	U	5.9	0.30	ug/Kg
100-41-4	Ethyl Benzene	0.29	U	5.9	0.29	ug/Kg
136777-61-2	m/p-Xylenes	0.60	U	5.9	0.60	ug/Kg
95-47-6	o-Xylene	0.51	U	5.9	0.51	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	43.28	87 %	75 - 125		SPK: 50
1868-53-7	Dibromofluoromethane	49.94	100 %	75 - 125		SPK: 50
2037-26-5	Toluene-d8	48.59	97 %	75 - 125		SPK: 50
460-00-4	4-Bromofluorobenzene	39.29	79 %	75 - 125		SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	364549	4.34			
540-36-3	1,4-Difluorobenzene	592420	4.79			
3114-55-4	Chlorobenzene-d5	486567	7.69			
3855-82-1	1,4-Dichlorobenzene-d4	203118	9.70			

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Report of Analysis

Client:	Lightship Engineering (Env.&Land Use Consı	Date Collected:	11/4/2004
Project:	National Grid Schenectady Site	Date Received:	11/10/2004
Client Sample ID:	LE-SB8-5-7DL	SDG No.:	S5659
Lab Sample ID:	S5659-06DL	Matrix:	SOIL
Analytical Method:	8260	% Moisture:	17
Sample Wt/Vol:	4.0 Units: g	Soil Extract Vol:	10000 uL
Soil Aliquot Vol:	100 mL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VI111710.D	1	11/17/2004	VI110504

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
71-43-2	Benzene	10000	D	750	36	ug/Kg
108-88-3	Toluene	12000	D	750	58	ug/Kg
100-41-4	Ethyl Benzene	5900	D	750	61	ug/Kg
136777-61-2	m&p-Xylenes	11000	D	1500	150	ug/Kg
95-47-6	o-Xylene	4400	D	750	55	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	41.91	84 %	75 - 125		SPK: 50
1868-53-7	Dibromofluoromethane	48.16	96 %	75 - 125		SPK: 50
2037-26-5	Toluene-d8	48.74	97 %	75 - 125		SPK: 50
460-00-4	4-Bromofluorobenzene	48.85	98 %	75 - 125		SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	581865	4.12			
540-36-3	1,4-Difluorobenzene	867380	4.57			
3114-55-4	Chlorobenzene-d5	772427	7.58			
3855-82-1	1,4-Dichlorobenzene-d4	425912	9.81			

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N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	Lightship Engineering (Env.&Land Use Consı	**Date Collected:**	11/4/2004
Project:	National Grid Schenectady Site	**Date Received:**	11/10/2004
Client Sample ID:	LE-SB8-10-12	**SDG No.:**	S5659
Lab Sample ID:	S5659-07	**Matrix:**	SOIL
Analytical Method:	8260	**% Moisture:**	21
Sample Wt/Vol:	5.0 Units: g	**Soil Extract Vol:**	uL
Soil Aliquot Vol:	mL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VK111622.D	1	11/16/2004	VK111104

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
71-43-2	Benzene	37		6.3	0.26	ug/Kg
108-88-3	Toluene	2.6	J	6.3	0.33	ug/Kg
100-41-4	Ethyl Benzene	98		6.3	0.32	ug/Kg
136777-61-2	m/p-Xylenes	35		6.3	0.65	ug/Kg
95-47-6	o-Xylene	34		6.3	0.55	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	43.26	87 %	75 - 125		SPK: 50
1868-53-7	Dibromofluoromethane	50.11	100 %	75 - 125		SPK: 50
2037-26-5	Toluene-d8	50.41	101 %	75 - 125		SPK: 50
460-00-4	4-Bromofluorobenzene	45.65	91 %	75 - 125		SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	306426	4.34			
540-36-3	1,4-Difluorobenzene	490692	4.79			
3114-55-4	Chlorobenzene-d5	441167	7.69			
3855-82-1	1,4-Dichlorobenzene-d4	229938	9.70			

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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	Lightship Engineering (Env.&Land Use Consı	**Date Collected:**	11/4/2004
Project:	National Grid Schenectady Site	**Date Received:**	11/10/2004
Client Sample ID:	TRIPBLANK	**SDG No.:**	S5659
Lab Sample ID:	S5659-10	**Matrix:**	WATER
Analytical Method:	8260	**% Moisture:**	100
Sample Wt/Vol:	5.0 Units: mL	**Soil Extract Vol:**	uL
Soil Aliquot Vol:	mL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VI111229.D	1	11/13/2004	VI110504

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.33	U J	5.0	0.33	ug/L
74-87-3	Chloromethane	0.68	U	5.0	0.68	ug/L
75-01-4	Vinyl chloride	0.27	U	5.0	0.27	ug/L
74-83-9	Bromomethane	0.78	U	5.0	0.78	ug/L
75-00-3	Chloroethane	0.88	U	5.0	0.88	ug/L
75-69-4	Trichlorofluoromethane	0.58	U	5.0	0.58	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.69	U	5.0	0.69	ug/L
75-35-4	1,1-Dichloroethene	0.32	U	5.0	0.32	ug/L
67-64-1	Acetone	3.3	U	25	3.3	ug/L
75-15-0	Carbon disulfide	0.39	U	5.0	0.39	ug/L
1634-04-4	Methyl tert-butyl Ether	0.36	U	5.0	0.36	ug/L
79-20-9	Methyl Acetate	0.83	U	5.0	0.83	ug/L
75-09-2	Methylene Chloride	0.62	U	5.0	0.62	ug/L
156-60-5	trans-1,2-Dichloroethene	0.51	U	5.0	0.51	ug/L
75-34-3	1,1-Dichloroethane	0.22	U	5.0	0.22	ug/L
110-82-7	Cyclohexane	0.37	U	5.0	0.37	ug/L
78-93-3	2-Butanone	2.8	U	25	2.8	ug/L
56-23-5	Carbon Tetrachloride	0.47	U	5.0	0.47	ug/L
156-59-2	cis-1,2-Dichloroethene	0.77	U	5.0	0.77	ug/L
67-66-3	Chloroform	0.58	U	5.0	0.58	ug/L
71-55-6	1,1,1-Trichloroethane	0.41	U	5.0	0.41	ug/L
108-87-2	Methylcyclohexane	0.58	U	5.0	0.58	ug/L
71-43-2	Benzene	0.24	U	5.0	0.24	ug/L
107-06-2	1,2-Dichloroethane	0.32	U	5.0	0.32	ug/L
79-01-6	Trichloroethene	0.67	U	5.0	0.67	ug/L
78-87-5	1,2-Dichloropropane	0.63	U	5.0	0.63	ug/L
75-27-4	Bromodichloromethane	0.35	U	5.0	0.35	ug/L
108-10-1	4-Methyl-2-Pentanone	1.3	U	25	1.3	ug/L
108-88-3	Toluene	0.39	U	5.0	0.39	ug/L
10061-02-6	t-1,3-Dichloropropene	0.42	U	5.0	0.42	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.15	U	5.0	0.15	ug/L
79-00-5	1,1,2-Trichloroethane	0.52	U	5.0	0.52	ug/L

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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	Lightship Engineering (Env.&Land Use Consu	**Date Collected:**	11/4/2004
Project:	National Grid Schenectady Site	**Date Received:**	11/10/2004
Client Sample ID:	TRIPBLANK	**SDG No.:**	S5659
Lab Sample ID:	S5659-10	**Matrix:**	WATER
Analytical Method:	8260	**% Moisture:**	100
Sample Wt/Vol:	5.0 Units: mL	**Soil Extract Vol:**	uL
Soil Aliquot Vol:	mL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VI111229.D	1	11/13/2004	VI110504

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	0.66	U	25	0.66	ug/L
124-48-1	Dibromochloromethane	0.38	U	5.0	0.38	ug/L
106-93-4	1,2-Dibromoethane	0.63	U	5.0	0.63	ug/L
127-18-4	Tetrachloroethene	0.33	U	5.0	0.33	ug/L
108-90-7	Chlorobenzene	0.37	U	5.0	0.37	ug/L
100-41-4	Ethyl Benzene	0.41	U	5.0	0.41	ug/L
136777-61-2	m/p-Xylenes	0.96	U	5.0	0.96	ug/L
95-47-6	o-Xylene	0.37	U	5.0	0.37	ug/L
100-42-5	Styrene	0.34	U	5.0	0.34	ug/L
75-25-2	Bromoform	0.25	U	5.0	0.25	ug/L
98-82-8	Isopropylbenzene	0.33	U	5.0	0.33	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	5.0	0.50	ug/L
541-73-1	1,3-Dichlorobenzene	0.37	U	5.0	0.37	ug/L
106-46-7	1,4-Dichlorobenzene	0.39	U	5.0	0.39	ug/L
95-50-1	1,2-Dichlorobenzene	0.37	U	5.0	0.37	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.94	U	5.0	0.94	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.29	U	5.0	0.29	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	40.24	80 %	72 - 119		SPK: 50
1868-53-7	Dibromofluoromethane	51.73	103 %	85 - 115		SPK: 50
2037-26-5	Toluene-d8	47.17	94 %	81 - 120		SPK: 50
460-00-4	4-Bromofluorobenzene	47.62	95 %	76 - 119		SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	604914	4.12			
540-36-3	1,4-Difluorobenzene	900269	4.57			
3114-55-4	Chlorobenzene-d5	776399	7.59			
3855-82-1	1,4-Dichlorobenzene-d4	448357	9.81			

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Report of Analysis

Client:	Lightship Engineering (Env.&Land Use Consultan	**Date Collected:**	11/4/04
Project:	National Grid Schenectady Site	**Date Received:**	11/10/04
Client Sample ID:	LE-SB6-16-18	**SDG No.:**	S5659
Lab Sample ID:	S5659-02	**Matrix:**	SOIL
Analytical Method:	8270	**% Moisture:**	17
Sample Wt/Vol:	15.1 g	**Extract Vol:**	500 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BE017122.D	1	11/12/04	11/14/04	BE102604

CAS Number	Parameter		Conc.	Qualifier	RL	MDL	Units
TARGETS							
91-20-3	Naphthalene		8.6	U	390	8.6	ug/Kg
208-96-8	Acenaphthylene		270	J	390	12	ug/Kg
83-32-9	Acenaphthene		98	J	390	8.7	ug/Kg
86-73-7	Fluorene		750		390	11	ug/Kg
85-01-8	Phenanthrene	3100	~~5900~~ E		390	8.8	ug/Kg
120-12-7	Anthracene		1400 J		390	9.4	ug/Kg
206-44-0	Fluoranthene		1800 J		390	5.5	ug/Kg
129-00-0	Pyrene		2800		390	7.0	ug/Kg
56-55-3	Benzo(a)anthracene		1000		390	6.0	ug/Kg
218-01-9	Chrysene		800		390	13	ug/Kg
205-99-2	Benzo(b)fluoranthene		630		390	21	ug/Kg
207-08-9	Benzo(k)fluoranthene		220	J	390	13	ug/Kg
50-32-8	Benzo(a)pyrene		890		390	6.8	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene		200	J	390	9.6	ug/Kg
53-70-3	Dibenz(a,h)anthracene		12	U	390	12	ug/Kg
191-24-2	Benzo(g,h,i)perylene		330	J	390	17	ug/Kg
SURROGATES							
4165-60-0	Nitrobenzene-d5		106.25	53 %	23 - 120		SPK: 20
321-60-8	2-Fluorobiphenyl		201.43	101 %	30 - 116		SPK: 20
1718-51-0	Terphenyl-d14		288.44	144 %	18 - 137		SPK: 20
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4		45882	6.06			
1146-65-2	Naphthalene-d8		195865	7.10			
15067-26-2	Acenaphthene-d10		123267	8.59			
1517-22-2	Phenanthrene-d10		220482	9.89			
1719-03-5	Chrysene-d12		213104	13.43			
1520-96-3	Perylene-d12		103853	17.20			

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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	Lightship Engineering (Env.&Land Use Consultan	Date Collected:	11/4/04
Project:	National Grid Schenectady Site	Date Received:	11/10/04
Client Sample ID:	LE-SB6-18-20	SDG No.:	S5659
Lab Sample ID:	S5659-03	Matrix:	SOIL
Analytical Method:	8270	% Moisture:	15
Sample Wt/Vol:	15.1 g	Extract Vol:	500 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BE017124.D	1	11/12/04	11/14/04	BE102604

CAS Number	Parameter		Conc.	Qualifier	RL	MDL	Units
TARGETS							
91-20-3	Naphthalene		120	J	390	8.4	ug/Kg
208-96-8	Acenaphthylene	3600	~~5200~~	~~E~~	390	12	ug/Kg
83-32-9	Acenaphthene		900		390	8.5	ug/Kg
86-73-7	Fluorene	5200	~~11000~~	~~E~~	390	11	ug/Kg
85-01-8	Phenanthrene	12,000	~~20000~~	~~E~~	390	8.6	ug/Kg
120-12-7	Anthracene	3800	~~7300~~	~~E~~	390	9.2	ug/Kg
206-44-0	Fluoranthene	2800	~~4700~~	~~E~~	390	5.4	ug/Kg
129-00-0	Pyrene	6000	~~11000~~	~~E~~	390	6.9	ug/Kg
56-55-3	Benzo(a)anthracene		1800		390	5.8	ug/Kg
218-01-9	Chrysene		1600		390	12	ug/Kg
205-99-2	Benzo(b)fluoranthene		1200		390	21	ug/Kg
207-08-9	Benzo(k)fluoranthene		460		390	13	ug/Kg
50-32-8	Benzo(a)pyrene		1800		390	6.7	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene		230	J	390	9.3	ug/Kg
53-70-3	Dibenz(a,h)anthracene		53	J	390	11	ug/Kg
191-24-2	Benzo(g,h,i)perylene		470		390	17	ug/Kg
SURROGATES							
4165-60-0	Nitrobenzene-d5		102.53	51 %	23 - 120		SPK: 20
321-60-8	2-Fluorobiphenyl		210.4	105 %	30 - 116		SPK: 20
1718-51-0	Terphenyl-d14		341.55	171 %	18 - 137		SPK: 20
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4		50904	6.06			
1146-65-2	Naphthalene-d8		220638	7.10			
15067-26-2	Acenaphthene-d10		129881	8.59			
1517-22-2	Phenanthrene-d10		391523	9.92			
1719-03-5	Chrysene-d12		264196	13.47			
1520-96-3	Perylene-d12		97826	17.22			

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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	Lightship Engineering (Env.&Land Use Consultan	Date Collected:	11/4/04
Project:	National Grid Schenectady Site	Date Received:	11/10/04
Client Sample ID:	LE-SB7-14-16	SDG No.:	S5659
Lab Sample ID:	S5659-04	Matrix:	SOIL
Analytical Method:	8270	% Moisture:	15
Sample Wt/Wol:	15.1 g	Extract Vol:	500 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BE017123.D	1	11/12/04	11/14/04	BE102604

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
91-20-3	Naphthalene	8.4	U	380	8.4	ug/Kg
208-96-8	Acenaphthylene	96	J	380	12	ug/Kg
83-32-9	Acenaphthene	8.5	U	380	8.5	ug/Kg
86-73-7	Fluorene	160	J	380	11	ug/Kg
85-01-8	Phenanthrene	760		380	8.6	ug/Kg
120-12-7	Anthracene	230	J	380	9.2	ug/Kg
206-44-0	Fluoranthene	480		380	5.4	ug/Kg
129-00-0	Pyrene	320	J	380	6.9	ug/Kg
56-55-3	Benzo(a)anthracene	150	J	380	5.8	ug/Kg
218-01-9	Chrysene	120	J	380	12	ug/Kg
205-99-2	Benzo(b)fluoranthene	140	J	380	21	ug/Kg
207-08-9	Benzo(k)fluoranthene	45	J	380	13	ug/Kg
50-32-8	Benzo(a)pyrene	130	J	380	6.6	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	56	J	380	9.3	ug/Kg
53-70-3	Dibenz(a,h)anthracene	11	U	380	11	ug/Kg
191-24-2	Benzo(g,h,i)perylene	67	J	380	17	ug/Kg
SURROGATES						
4165-60-0	Nitrobenzene-d5	114.34	57 %	23 - 120		SPK: 20
321-60-8	2-Fluorobiphenyl	188.8	94 %	30 - 116		SPK: 20
1718-51-0	Terphenyl-d14	270.78	135 %	18 - 137		SPK: 20
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	51379	6.06			
1146-65-2	Naphthalene-d8	193936	7.10			
15067-26-2	Acenaphthene-d10	120879	8.59			
1517-22-2	Phenanthrene-d10	192078	9.91			
1719-03-5	Chrysene-d12	185945	13.51			
1520-96-3	Perylene-d12	106968	17.27			

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Report of Analysis

Client:	Lightship Engineering (Env.&Land Use Consultan	Date Collected:	11/5/2004
Project:	National Grid Schenectady Site	Date Received:	11/10/200
Client Sample ID:	LE-SB8-0-2	SDG No.:	S5659
Lab Sample ID:	S5659-05	Matrix:	SOIL
Analytical Method:	8270	% Moisture:	15
Sample Wt/Vol:	15.1 g	Extract Vol:	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BE017126.D	1	11/12/2004	11/14/2004	BE102604

CAS Number	Parameter		Conc.	Qualifier	RL	MDL	Units
TARGETS							
91-20-3	Naphthalene		3300		770	17	ug/Kg
208-96-8	Acenaphthylene		500	J	770	23	ug/Kg
83-32-9	Acenaphthene		190	J	770	17	ug/Kg
86-73-7	Fluorene		450	J	770	22	ug/Kg
85-01-8	Phenanthrene	5600	~~8800~~	~~E~~	770	17	ug/Kg
120-12-7	Anthracene		1100		770	18	ug/Kg
206-44-0	Fluoranthene	8200	~~34000~~	~~E~~	770	11	ug/Kg
129-00-0	Pyrene	11,000	~~19000~~	~~E~~	770	14	ug/Kg
56-55-3	Benzo(a)anthracene		4300		770	12	ug/Kg
218-01-9	Chrysene		4800		770	25	ug/Kg
205-99-2	~~Benzo(b)fluoranthene~~ OK	5000	~~12000~~	~~E~~	770	41	ug/Kg
207-08-9	Benzo(k)fluoranthene		3600	J	770	26	ug/Kg
50-32-8	~~Benzo(a)pyrene~~ OK	3900	~~6600~~	~~E~~	770	13	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene		1000	J	770	19	ug/Kg
53-70-3	Dibenz(a,h)anthracene		180	J	770	23	ug/Kg
191-24-2	Benzo(g,h,i)perylene		2800	J	770	34	ug/Kg
SURROGATES							
4165-60-0	Nitrobenzene-d5		57.03	29 %	23 - 120		SPK: 20
321-60-8	2-Fluorobiphenyl		78.69	39 %	30 - 116		SPK: 20
1718-51-0	Terphenyl-d14		92.55	46 %	18 - 137		SPK: 20
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4		44892	6.06			
1146-65-2	Naphthalene-d8		185382	7.10			
15067-26-2	Acenaphthene-d10		110364	8.58			
1517-22-2	Phenanthrene-d10		203907	9.88			
1719-03-5	Chrysene-d12		185257	13.44			
1520-96-3	Perylene-d12		45741	17.21			

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Report of Analysis

Client:	Lightship Engineering (Env.&Land Use Consultan	**Date Collected:**	11/5/2004
Project:	National Grid Schenectady Site	**Date Received:**	11/10/200
Client Sample ID:	LE-SB8-5-7DL	**SDG No.:**	S5659
Lab Sample ID:	S5659-06DL	**Matrix:**	SOIL
Analytical Method:	8270	**% Moisture:**	17
Sample Wt/Vol:	15.1 g	**Extract Vol:**	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BE017531.D	5	11/12/2004	11/27/2004	BE111704

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
91-20-3	Naphthalene	25000	D	3900	86	ug/Kg
208-96-8	Acenaphthylene	5700	D	3900	120	ug/Kg
83-32-9	Acenaphthene	2300	JD	3900	87	ug/Kg
86-73-7	Fluorene	7900	D	3900	110	ug/Kg
85-01-8	Phenanthrene	29000	D	3900	88	ug/Kg
120-12-7	Anthracene	13000	D	3900	94	ug/Kg
206-44-0	Fluoranthene	21000	D	3900	55	ug/Kg
129-00-0	Pyrene	29000	D	3900	70	ug/Kg
56-55-3	Benzo(a)anthracene	14000	D	3900	60	ug/Kg
218-01-9	Chrysene	13000	D	3900	130	ug/Kg
205-99-2	Benzo(b)fluoranthene	11000	D	3900	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	4800	D	3900	130	ug/Kg
50-32-8	Benzo(a)pyrene	12000	D	3900	68	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	13000	D J	3900	95	ug/Kg
53-70-3	Dibenz(a,h)anthracene	1100	JD	3900	120	ug/Kg
191-24-2	Benzo(g,h,i)perylene	14000	D J	3900	170	ug/Kg
SURROGATES						
4165-60-0	Nitrobenzene-d5	91.65	46 %	23 - 120		SPK: 20
321-60-8	2-Fluorobiphenyl	78.95	39 %	30 - 116		SPK: 20
1718-51-0	Terphenyl-d14	82.1	41 %	18 - 137		SPK: 20
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	41200	5.94			
1146-65-2	Naphthalene-d8	140583	6.98			
15067-26-2	Acenaphthene-d10	70966	8.46			
1517-22-2	Phenanthrene-d10	101927	9.74			
1719-03-5	Chrysene-d12	70673	13.14			
1520-96-3	Perylene-d12	54030	16.85			

U = Not Detected
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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	Lightship Engineering (Env.&Land Use Consultan	Date Collected:	11/5/2004
Project:	National Grid Schenectady Site	Date Received:	11/10/200
Client Sample ID:	LE-SB8-10-12	SDG No.:	S5659
Lab Sample ID:	S5659-07	Matrix:	SOIL
Analytical Method:	8270	% Moisture:	21
Sample Wt/Vol:	15.0 g	Extract Vol:	500 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BE017119.D	1	11/12/2004	11/14/2004	BE102604

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
91-20-3	Naphthalene	68	J	420	9.1	ug/Kg
208-96-8	Acenaphthylene	13	U	420	13	ug/Kg
83-32-9	Acenaphthene	83	J	420	9.2	ug/Kg
86-73-7	Fluorene	12	U	420	12	ug/Kg
85-01-8	Phenanthrene	9.3	U	420	9.3	ug/Kg
120-12-7	Anthracene	10	U	420	10	ug/Kg
206-44-0	Fluoranthene	5.8	U	420	5.8	ug/Kg
129-00-0	Pyrene	7.5	U	420	7.5	ug/Kg
56-55-3	Benzo(a)anthracene	6.3	U	420	6.3	ug/Kg
218-01-9	Chrysene	13	U	420	13	ug/Kg
205-99-2	Benzo(b)fluoranthene	22	U	420	22	ug/Kg
207-08-9	Benzo(k)fluoranthene	14	U	420	14	ug/Kg
50-32-8	Benzo(a)pyrene	7.2	U	420	7.2	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	10	U	420	10	ug/Kg
53-70-3	Dibenz(a,h)anthracene	12	U	420	12	ug/Kg
191-24-2	Benzo(g,h,i)perylene	18	U	420	18	ug/Kg
SURROGATES						
4165-60-0	Nitrobenzene-d5	120.41	60 %	23 - 120		SPK: 20
321-60-8	2-Fluorobiphenyl	180.97	90 %	30 - 116		SPK: 20
1718-51-0	Terphenyl-d14	311.08	156 %	18 - 137		SPK: 20
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	49144	6.06			
1146-65-2	Naphthalene-d8	183955	7.10			
15067-26-2	Acenaphthene-d10	113108	8.58			
1517-22-2	Phenanthrene-d10	138562	9.89			
1719-03-5	Chrysene-d12	145387	13.45			
1520-96-3	Perylene-d12	103077	17.22			

U = Not Detected
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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	Lightship Engineering (Env.&Land Use Consi	**Date Collected:**	11/4/2004
Project:	National Grid Schenec	**Date Received:**	11/10/2004
Client Sample ID:	LE-SB6-18-20	**SDG No.:**	S5659
Lab Sample ID:	S5659-03	**Matrix:**	SOIL
		% Solids:	85.00

CAS No.	Analyte	Conc.	Qualifier		Units	DL	Dilution	Date Prep	Date Anal.	Method
7429-90-5	Aluminum	3530			mg/Kg	0.740	1	11/22/2004	11/22/2004	EPA SW-846 6010
7440-36-0	Antimony	0.662	U		mg/Kg	0.662	1	11/22/2004	11/22/2004	EPA SW-846 6010
7440-38-2	Arsenic	2.500			mg/Kg	0.279	1	11/22/2004	11/22/2004	EPA SW-846 6010
7440-39-3	Barium	19.7	J		mg/Kg	0.026	1	11/22/2004	11/22/2004	EPA SW-846 6010
7440-41-7	Beryllium	0.265	J		mg/Kg	0.005	1	11/22/2004	11/22/2004	EPA SW-846 6010
7440-43-9	Cadmium	0.148	J		mg/Kg	0.054	1	11/22/2004	11/22/2004	EPA SW-846 6010
7440-70-2	Calcium	1570			mg/Kg	0.412	1	11/22/2004	11/22/2004	EPA SW-846 6010
7440-47-3	Chromium	5.320			mg/Kg	0.112	1	11/22/2004	11/22/2004	EPA SW-846 6010
7440-48-4	Cobalt	3.750	J		mg/Kg	0.093	1	11/22/2004	11/22/2004	EPA SW-846 6010
7440-50-8	Copper	9.240			mg/Kg	0.134	1	11/22/2004	11/22/2004	EPA SW-846 6010
7439-89-6	Iron	9000			mg/Kg	2.070	1	11/22/2004	11/22/2004	EPA SW-846 6010
7439-92-1	Lead	5.760			mg/Kg	0.121	1	11/22/2004	11/22/2004	EPA SW-846 6010
7439-95-4	Magnesium	1360			mg/Kg	0.019	1	11/22/2004	11/22/2004	EPA SW-846 6010
7439-96-5	Manganese	114			mg/Kg	0.944	1	11/22/2004	11/22/2004	EPA SW-846 6010
7439-97-6	Mercury	0.007	U	N	mg/Kg	0.007	1	11/13/2004	11/16/2004	EPA SW-846 7471
7440-02-0	Nickel	8.030			mg/Kg	0.178	1	11/22/2004	11/22/2004	EPA SW-846 6010
7440-09-7	Potassium	688			mg/Kg	3.870	1	11/22/2004	11/22/2004	EPA SW-846 6010
7782-49-2	Selenium	0.368	U		mg/Kg	0.368	1	11/22/2004	11/22/2004	EPA SW-846 6010
7440-22-4	Silver	0.212	J		mg/Kg	0.124	1	11/22/2004	11/22/2004	EPA SW-846 6010
7440-23-5	Sodium	103	J		mg/Kg	43.7	1	11/22/2004	11/22/2004	EPA SW-846 6010
7440-28-0	Thallium	0.499	J		mg/Kg	0.388	1	11/22/2004	11/22/2004	EPA SW-846 6010
7440-62-2	Vanadium	10.7			mg/Kg	0.120	1	11/22/2004	11/22/2004	EPA SW-846 6010
7440-66-6	Zinc	26.9			mg/Kg	0.066	1	11/22/2004	11/22/2004	EPA SW-846 6010

Comments:

U = Not Detected
DL = Method Detection Limit or Instrument Detection Limit

J = Estimated Value
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Report of Analysis

Client:	Lightship Engineering (Env.&Land Use Cons	**Date Collected:**	11/4/04
Project:		**Date Received:**	11/10/04
Client Sample ID:	LE-SB6-16-18	**SDG No.:**	S5659
Lab Sample ID:	S5659-02	**Matrix:**	SOIL
% Solids:	83.20		

Analyte	Result	Qualifier	RL	Units	DF	Date Analyzed	Method
Cyanide	0.7	J	0.601	mg/Kg	1	11/15/04	9012 Cyanide

Comment

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Report of Analysis

Client:	Lightship Engineering (Env.&Land Use Cons	**Date Collected:**	11/4/04
Project:		**Date Received:**	11/10/04
Client Sample ID:	LE-SB6-18-20	**SDG No.:**	S5659
Lab Sample ID:	S5659-03	**Matrix:**	SOIL
% Solids:	85.00		

Analyte	Result	Qualifier	RL	Units	DF	Date Analyzed	Method
Cyanide	0.588	U J	0.588	mg/Kg	1	11/15/04	9012 Cyanide
TOC	2400		290	mg/Kg	1	11/21/04	9060 TOC

Comment

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Report of Analysis

Client:	Lightship Engineering (Env.&Land Use Cons	**Date Collected:**	11/4/04
Project:		**Date Received:**	11/10/04
Client Sample ID:	LE-SB7-14-16	**SDG No.:**	S5659
Lab Sample ID:	S5659-04	**Matrix:**	SOIL
% Solids:	85.10		

Analyte	Result	Qualifier	RL	Units	DF	Date Analyzed	Method
Cyanide	0.588	U J	0.588	mg/Kg	1	11/15/04	9012 Cyanide
TOC	720		290	mg/Kg	1	11/21/04	9060 TOC

Comment

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Report of Analysis

Client:	Lightship Engineering (Env.&Land Use Cons	**Date Collected:**	11/4/04
Project:		**Date Received:**	11/10/04
Client Sample ID:	LE-SB8-0-2	**SDG No.:**	S5659
Lab Sample ID:	S5659-05	**Matrix:**	SOIL
% Solids:	85.10		

Analyte	Result	Qualifier	RL	Units	DF	Date Analyzed	Method
Cyanide	20	J	0.588	mg/Kg	1	11/15/04	9012 Cyanide

Comment

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Report of Analysis

Client:	Lightship Engineering (Env.&Land Use Cons	Date Collected:	11/4/04
Project:		Date Received:	11/10/04
Client Sample ID:	LE-SB8-5-7	SDG No.:	S5659
Lab Sample ID:	S5659-06	Matrix:	SOIL
% Solids:	82.90		

Analyte	Result	Qualifier	RL	Units	DF	Date Analyzed	Method
Cyanide	16	J	0.603	mg/Kg	1	11/15/04	9012 Cyanide

Comment

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Report of Analysis

Client:	Lightship Engineering (Env.&Land Use Cons	**Date Collected:**	11/4/04
Project:		**Date Received:**	11/10/04
Client Sample ID:	LE-SB8-10-12	**SDG No.:**	S5659
Lab Sample ID:	S5659-07	**Matrix:**	SOIL
% Solids:	78.90		

Analyte	Result	Qualifier	RL	Units	DF	Date Analyzed	Method
Cyanide	0.95	J	0.634	mg/Kg	1	11/15/04	9012 Cyanide

Comment

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Report of Analysis

Client:	Lightship Engineering (Env.&Land Use Consı	Date Collected:	11/3/2004
Project:	National Grid Schenectady Site	Date Received:	11/10/2004
Client Sample ID:	LE-TP4-8-10	SDG No.:	S5662
Lab Sample ID:	S5662-01	Matrix:	SOIL
Analytical Method:	8260	% Moisture:	30
Sample Wt/Vol:	5.0 Units: g	Soil Extract Vol:	uL
Soil Aliquot Vol:	mL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VK111310.D	1	11/13/2004	VK111104

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
71-43-2	Benzene	0.29	U	7.1	0.29	ug/Kg
108-88-3	Toluene	0.37	U	7.1	0.37	ug/Kg
100-41-4	Ethyl Benzene	0.36	U	7.1	0.36	ug/Kg
136777-61-2	m/p-Xylenes	0.73	U	7.1	0.73	ug/Kg
95-47-6	o-Xylene	0.62	U	7.1	0.62	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	49.71	99 %	75 - 125		SPK: 50
1868-53-7	Dibromofluoromethane	50.37	101 %	75 - 125		SPK: 50
2037-26-5	Toluene-d8	49.11	98 %	75 - 125		SPK: 50
460-00-4	4-Bromofluorobenzene	41.97	84 %	75 - 125		SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	126211	4.35			
540-36-3	1,4-Difluorobenzene	213625	4.80			
3114-55-4	Chlorobenzene-d5	182068	7.69			
3855-82-1	1,4-Dichlorobenzene-d4	87373	9.69			

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Report of Analysis

Client:	Lightship Engineering (Env.&Land Use Consı	Date Collected:	11/3/2004
Project:	National Grid Schenectady Site	Date Received:	11/10/2004
Client Sample ID:	LE-SB4-8-10DL	SDG No.:	S5662
Lab Sample ID:	S5662-02DL	Matrix:	SOIL
Analytical Method:	8260	% Moisture:	19
Sample Wt/Wol:	4.0 Units: g	Soil Extract Vol:	10000 uL
Soil Aliquot Vol:	100 mL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VI111660.D	1	11/17/2004	VI110504

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
71-43-2	Benzene	12000	D J	770	37	ug/Kg
108-88-3	Toluene	17000	D	770	60	ug/Kg
100-41-4	Ethyl Benzene	14000	D	770	63	ug/Kg
136777-61-2	m&p-Xylenes	42000	D	1500	150	ug/Kg
95-47-6	o-Xylene	15000	D	770	57	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	39.43	79 %	75 - 125		SPK: 50
1868-53-7	Dibromofluoromethane	48.11	96 %	75 - 125		SPK: 50
2037-26-5	Toluene-d8	49.23	98 %	75 - 125		SPK: 50
460-00-4	4-Bromofluorobenzene	49.2	98 %	75 - 125		SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	668191	4.12			
540-36-3	1,4-Difluorobenzene	971673	4.56			
3114-55-4	Chlorobenzene-d5	884956	7.59			
3855-82-1	1,4-Dichlorobenzene-d4	494934	9.82			

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Report of Analysis

Client:	Lightship Engineering (Env.&Land Use Consı	Date Collected:	11/3/2004
Project:	National Grid Schenectady Site	Date Received:	11/10/2004
Client Sample ID:	LE-SB4-12-14	SDG No.:	S5662
Lab Sample ID:	S5662-03	Matrix:	SOIL
Analytical Method:	8260	% Moisture:	12
Sample Wt/Vol:	5.0 Units: g	Soil Extract Vol:	uL
Soil Aliquot Vol:	mL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VK111612.D	1	11/16/2004	VK111104

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
71-43-2	Benzene	2.8	J	5.7	0.23	ug/Kg
108-88-3	Toluene	1.2	J	5.7	0.29	ug/Kg
100-41-4	Ethyl Benzene	24		5.7	0.28	ug/Kg
136777-61-2	m/p-Xylenes	14		5.7	0.58	ug/Kg
95-47-6	o-Xylene	26		5.7	0.49	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	47.7	95 %	75 - 125		SPK: 50
1868-53-7	Dibromofluoromethane	49.78	100 %	75 - 125		SPK: 50
2037-26-5	Toluene-d8	47.92	96 %	75 - 125		SPK: 50
460-00-4	4-Bromofluorobenzene	45.29	91 %	75 - 125		SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	293725	4.34			
540-36-3	1,4-Difluorobenzene	516698	4.79			
3114-55-4	Chlorobenzene-d5	462587	7.69			
3855-82-1	1,4-Dichlorobenzene-d4	240175	9.69			

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N = Presumptive Evidence of a Compound

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Report of Analysis

Client:	Lightship Engineering (Env.&Land Use Consı	Date Collected:	11/3/2004
Project:	National Grid Schenectady Site	Date Received:	11/10/2004
Client Sample ID:	LE-SB5-10-12	SDG No.:	S5662
Lab Sample ID:	S5662-04	Matrix:	SOIL
Analytical Method:	8260	% Moisture:	21
Sample Wt/Vol:	5.0 Units: g	Soil Extract Vol:	uL
Soil Aliquot Vol:	mL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VK111312.D	1	11/13/2004	VK111104

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
71-43-2	Benzene	37		6.3	0.26	ug/Kg
108-88-3	Toluene	8.9		6.3	0.33	ug/Kg
100-41-4	Ethyl Benzene	580 ~~500~~	E J	6.3	0.32	ug/Kg
136777-61-2	m/p-Xylenes	87		6.3	0.65	ug/Kg
95-47-6	o-Xylene	130		6.3	0.55	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	53.89	108 %	75 - 125		SPK: 50
1868-53-7	Dibromofluoromethane	50.63	101 %	75 - 125		SPK: 50
2037-26-5	Toluene-d8	50.25	100 %	75 - 125		SPK: 50
460-00-4	4-Bromofluorobenzene	47.1	94 %	75 - 125		SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	337842	4.34			
540-36-3	1,4-Difluorobenzene	571328	4.79			
3114-55-4	Chlorobenzene-d5	519395	7.69			
3855-82-1	1,4-Dichlorobenzene-d4	260015	9.70			

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N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	Lightship Engineering (Env.&Land Use Consı	Date Collected:	11/3/2004
Project:	National Grid Schenectady Site	Date Received:	11/10/2004
Client Sample ID:	LE-SB5-16-18	SDG No.:	S5662
Lab Sample ID:	S5662-05	Matrix:	SOIL
Analytical Method:	8260	% Moisture:	24
Sample Wt/Vol:	5.0 Units: g	Soil Extract Vol:	uL
Soil Aliquot Vol:	mL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VK111311.D	1	11/13/2004	VK111104

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	1.6	U	6.6	1.6	ug/Kg
74-87-3	Chloromethane	0.44	U	6.6	0.44	ug/Kg
75-01-4	Vinyl chloride	0.31	U	6.6	0.31	ug/Kg
74-83-9	Bromomethane	0.93	U	6.6	0.93	ug/Kg
75-00-3	Chloroethane	0.69	U J	6.6	0.69	ug/Kg
75-69-4	Trichlorofluoromethane	3.2	U	6.6	3.2	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	0.60	U	6.6	0.60	ug/Kg
75-35-4	1,1-Dichloroethene	0.28	U	6.6	0.28	ug/Kg
67-64-1	Acetone	490		33	9.8	ug/Kg
75-15-0	Carbon disulfide	44		6.6	0.13	ug/Kg
1634-04-4	Methyl tert-butyl Ether	0.30	U	6.6	0.30	ug/Kg
79-20-9	Methyl Acetate	1.7	U	6.6	1.7	ug/Kg
75-09-2	Methylene Chloride	0.89	U	6.6	0.89	ug/Kg
156-60-5	trans-1,2-Dichloroethene	0.49	U	6.6	0.49	ug/Kg
75-34-3	1,1-Dichloroethane	0.46	U	6.6	0.46	ug/Kg
110-82-7	Cyclohexane	10		6.6	0.40	ug/Kg
78-93-3	2-Butanone	31	J	33	3.0	ug/Kg
56-23-5	Carbon Tetrachloride	0.39	U	6.6	0.39	ug/Kg
156-59-2	cis-1,2-Dichloroethene	0.46	U	6.6	0.46	ug/Kg
67-66-3	Chloroform	0.31	U	6.6	0.31	ug/Kg
71-55-6	1,1,1-Trichloroethane	0.36	U	6.6	0.36	ug/Kg
108-87-2	Methylcyclohexane	14		6.6	0.47	ug/Kg
71-43-2	Benzene	900	E	6.6	0.27	ug/Kg
107-06-2	1,2-Dichloroethane	4.1	U	6.6	4.1	ug/Kg
79-01-6	Trichloroethene	0.42	U	6.6	0.42	ug/Kg
78-87-5	1,2-Dichloropropane	0.44	U	6.6	0.44	ug/Kg
75-27-4	Bromodichloromethane	0.44	U	6.6	0.44	ug/Kg
108-10-1	4-Methyl-2-Pentanone	3.2	U	33	3.2	ug/Kg
108-88-3	Toluene	3.8	J	6.6	0.34	ug/Kg
10061-02-6	t-1,3-Dichloropropene	0.34	U	6.6	0.34	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	0.26	U	6.6	0.26	ug/Kg
79-00-5	1,1,2-Trichloroethane	0.67	U	6.6	0.67	ug/Kg

U = Not Detected
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N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	Lightship Engineering (Env.&Land Use Consı	Date Collected:	11/3/2004
Project:	National Grid Schenectady Site	Date Received:	11/10/2004
Client Sample ID:	LE-SB5-16-18	SDG No.:	S5662
Lab Sample ID:	S5662-05	Matrix:	SOIL
Analytical Method:	8260	% Moisture:	24
Sample Wt/Vol:	5.0 Units: g	Soil Extract Vol:	uL
Soil Aliquot Vol:	mL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VK111311.D	1	11/13/2004	VK111104

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	4.2	U	33	4.2	ug/Kg
124-48-1	Dibromochloromethane	0.38	U	6.6	0.38	ug/Kg
106-93-4	1,2-Dibromoethane	0.55	U	6.6	0.55	ug/Kg
127-18-4	Tetrachloroethene	0.84	U	6.6	0.84	ug/Kg
108-90-7	Chlorobenzene	0.46	U	6.6	0.46	ug/Kg
100-41-4	Ethyl Benzene	510 ~~480~~	~~E~~ J	6.6	0.33	ug/Kg
136777-61-2	m/p-Xylenes	80		6.6	0.68	ug/Kg
95-47-6	o-Xylene	130		6.6	0.57	ug/Kg
100-42-5	Styrene	1.8	J	6.6	0.41	ug/Kg
75-25-2	Bromoform	0.39	U	6.6	0.39	ug/Kg
98-82-8	Isopropylbenzene	89		6.6	0.49	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	0.70	U	6.6	0.70	ug/Kg
541-73-1	1,3-Dichlorobenzene	0.28	U	6.6	0.28	ug/Kg
106-46-7	1,4-Dichlorobenzene	0.46	U	6.6	0.46	ug/Kg
95-50-1	1,2-Dichlorobenzene	0.54	U	6.6	0.54	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	0.89	U	6.6	0.89	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	0.33	U	6.6	0.33	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	50.98	102 %	75 - 125		SPK: 50
1868-53-7	Dibromofluoromethane	50.49	101 %	75 - 125		SPK: 50
2037-26-5	Toluene-d8	48.32	97 %	75 - 125		SPK: 50
460-00-4	4-Bromofluorobenzene	46.61	93 %	75 - 125		SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	279369	4.34			
540-36-3	1,4-Difluorobenzene	509150	4.79			
3114-55-4	Chlorobenzene-d5	456902	7.69			
3855-82-1	1,4-Dichlorobenzene-d4	241302	9.70			
TENTITIVE IDENTIFIED COMPOUNDS						
526738	Benzene, 1,2,3-trimethyl-	300	N J	9.40		ug/Kg
496117	Indane	1200	J	9.83		ug/Kg
17059528	Benzofuran, 7-methyl-	140	J	10.51		ug/Kg
104552	2-Propenal, 3-phenyl-	340	J	10.62		ug/Kg

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Report of Analysis

Client:	Lightship Engineering (Env.&Land Use Consı	Date Collected:	11/3/2004
Project:	National Grid Schenectady Site	Date Received:	11/10/2004
Client Sample ID:	LE-SB5-16-18	SDG No.:	S5662
Lab Sample ID:	S5662-05	Matrix:	SOIL
Analytical Method:	8260	% Moisture:	24
Sample Wt/Wol:	5.0 Units: g	Soil Extract Vol:	uL
Soil Aliquot Vol:	mL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VK111311.D	1	11/13/2004	VK111104

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
15677153	Cycloprop[a]indene, 1,1a,6,6a-tetrahy	93	N J	10.89		ug/Kg
767599	1H-Indene, 1-methyl-	200	J	10.98		ug/Kg
91203	~~Naphthalene~~	~~1100~~	~~J~~	~~11.31~~		ug/Kg
91576	Naphthalene, 2-methyl-	290	J	12.04		ug/Kg
90120	Naphthalene, 1-methyl-	230	J	12.15		ug/Kg

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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	Lightship Engineering (Env.&Land Use Consı	Date Collected:	11/3/2004
Project:	National Grid Schenectady Site	Date Received:	11/10/2004
Client Sample ID:	LE-SB5-22-24	SDG No.:	S5662
Lab Sample ID:	S5662-06	Matrix:	SOIL
Analytical Method:	8260	% Moisture:	36
Sample Wt/Vol:	5.0 Units: g	Soil Extract Vol:	uL
Soil Aliquot Vol:	mL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VK111556.D	1	11/16/2004	VK111104

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
71-43-2	Benzene	4600 ~~5500~~	~~E~~ J	7.8	0.32	ug/Kg
108-88-3	Toluene	57		7.8	0.40	ug/Kg
100-41-4	Ethyl Benzene	5000 ~~1700~~	~~E~~	7.8	0.39	ug/Kg
136777-61-2	m/p-Xylenes	5300 ~~1800~~	~~E~~	7.8	0.80	ug/Kg
95-47-6	o-Xylene	2100 ~~730~~	~~E~~	7.8	0.68	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	52.73	105 %	75 - 125		SPK: 50
1868-53-7	Dibromofluoromethane	49.93	100 %	75 - 125		SPK: 50
2037-26-5	Toluene-d8	48.39	97 %	75 - 125		SPK: 50
460-00-4	4-Bromofluorobenzene	48.15	96 %	75 - 125		SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	92764	4.34			
540-36-3	1,4-Difluorobenzene	174988	4.79			
3114-55-4	Chlorobenzene-d5	163056	7.69			
3855-82-1	1,4-Dichlorobenzene-d4	88929	9.70			

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Report of Analysis

Client:	Lightship Engineering (Env.&Land Use Consı	Date Collected:	11/3/2004
Project:	National Grid Schenectady Site	Date Received:	11/10/2004
Client Sample ID:	LE-SB3-10-12DL	SDG No.:	S5662
Lab Sample ID:	S5662-07DL	Matrix:	SOIL
Analytical Method:	8260	% Moisture:	25
Sample Wt/Vol:	4.0 Units: g	Soil Extract Vol:	10000 uL
Soil Aliquot Vol:	100 mL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VI111659.D	1	11/17/2004	VI110504

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
71-43-2	Benzene	10 ~~40~~	~~U~~ J	830	40	ug/Kg
108-88-3	Toluene	880	D	830	64	ug/Kg
100-41-4	Ethyl Benzene	16000	D	830	68	ug/Kg
136777-61-2	m&p-Xylenes	51000	D	1700	160	ug/Kg
95-47-6	o-Xylene	33000	D	830	61	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	38.82	78 %	75 - 125		SPK: 50
1868-53-7	Dibromofluoromethane	46.98	94 %	75 - 125		SPK: 50
2037-26-5	Toluene-d8	48.74	97 %	75 - 125		SPK: 50
460-00-4	4-Bromofluorobenzene	58.01	116 %	75 - 125		SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	679393	4.11			
540-36-3	1,4-Difluorobenzene	990087	4.56			
3114-55-4	Chlorobenzene-d5	924407	7.58			
3855-82-1	1,4-Dichlorobenzene-d4	503450	9.82			

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Report of Analysis

Client:	Lightship Engineering (Env.&Land Use Const	Date Collected:	11/4/2004
Project:	National Grid Schenectady Site	Date Received:	11/10/2004
Client Sample ID:	LE-SB3-26-28	SDG No.:	S5662
Lab Sample ID:	S5662-08	Matrix:	SOIL
Analytical Method:	8260	% Moisture:	19
Sample Wt/Vol:	5.0 Units: g	Soil Extract Vol:	uL
Soil Aliquot Vol:	mL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VK111420.D	1	11/14/2004	VK111104

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
71-43-2	Benzene	2.2	J	6.2	0.25	ug/Kg
108-88-3	Toluene	0.32	U	6.2	0.32	ug/Kg
100-41-4	Ethyl Benzene	3.0	J	6.2	0.31	ug/Kg
136777-61-2	m/p-Xylenes	17		6.2	0.63	ug/Kg
95-47-6	o-Xylene	8.2		6.2	0.53	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	47.73	95 %	75 - 125		SPK: 50
1868-53-7	Dibromofluoromethane	49.67	99 %	75 - 125		SPK: 50
2037-26-5	Toluene-d8	50.74	101 %	75 - 125		SPK: 50
460-00-4	4-Bromofluorobenzene	48.63	97 %	75 - 125		SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	274991	4.33			
540-36-3	1,4-Difluorobenzene	459268	4.79			
3114-55-4	Chlorobenzene-d5	412988	7.68			
3855-82-1	1,4-Dichlorobenzene-d4	223163	9.69			

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Report of Analysis

Client:	Lightship Engineering (Env.&Land Use Consı	Date Collected:	11/4/2004
Project:	National Grid Schenectady Site	Date Received:	11/10/2004
Client Sample ID:	LE-SB3-30-32	SDG No.:	S5662
Lab Sample ID:	S5662-09	Matrix:	SOIL
Analytical Method:	8260	% Moisture:	17
Sample Wt/Vol:	5.0 Units: g	Soil Extract Vol:	uL
Soil Aliquot Vol:	mL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VK111615.D	1	11/16/2004	VK111104

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
71-43-2	Benzene	0.24	U	6.0	0.24	ug/Kg
108-88-3	Toluene	0.31	U	6.0	0.31	ug/Kg
100-41-4	Ethyl Benzene	0.30	U	6.0	0.30	ug/Kg
136777-61-2	m/p-Xylenes	0.62	U	6.0	0.62	ug/Kg
95-47-6	o-Xylene	0.52	U	6.0	0.52	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	47.91	96 %	75 - 125		SPK: 50
1868-53-7	Dibromofluoromethane	50.66	101 %	75 - 125		SPK: 50
2037-26-5	Toluene-d8	48.74	97 %	75 - 125		SPK: 50
460-00-4	4-Bromofluorobenzene	44.89	90 %	75 - 125		SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	315322	4.34			
540-36-3	1,4-Difluorobenzene	526959	4.79			
3114-55-4	Chlorobenzene-d5	465838	7.69			
3855-82-1	1,4-Dichlorobenzene-d4	236587	9.69			

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Report of Analysis

Client:	Lightship Engineering (Env.&Land Use Consı	**Date Collected:**	11/3/2004
Project:	National Grid Schenectady Site	**Date Received:**	11/10/2004
Client Sample ID:	TRIPBLANK	**SDG No.:**	S5662
Lab Sample ID:	S5662-12	**Matrix:**	WATER
Analytical Method:	8260	**% Moisture:**	100
Sample Wt/Vol:	5.0 Units: mL	**Soil Extract Vol:**	uL
Soil Aliquot Vol:	mL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VI111230.D	1	11/13/2004	VI110504

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.33	U	5.0	0.33	ug/L
74-87-3	Chloromethane	0.68	U	5.0	0.68	ug/L
75-01-4	Vinyl chloride	0.27	U	5.0	0.27	ug/L
74-83-9	Bromomethane	0.78	U	5.0	0.78	ug/L
75-00-3	Chloroethane	0.88	U	5.0	0.88	ug/L
75-69-4	Trichlorofluoromethane	0.58	U	5.0	0.58	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.69	U	5.0	0.69	ug/L
75-35-4	1,1-Dichloroethene	0.32	U	5.0	0.32	ug/L
67-64-1	Acetone	3.3	U	25	3.3	ug/L
75-15-0	Carbon disulfide	0.39	U	5.0	0.39	ug/L
1634-04-4	Methyl tert-butyl Ether	0.36	U	5.0	0.36	ug/L
79-20-9	Methyl Acetate	0.83	U	5.0	0.83	ug/L
75-09-2	Methylene Chloride	0.62	U	5.0	0.62	ug/L
156-60-5	trans-1,2-Dichloroethene	0.51	U	5.0	0.51	ug/L
75-34-3	1,1-Dichloroethane	0.22	U	5.0	0.22	ug/L
110-82-7	Cyclohexane	0.37	U	5.0	0.37	ug/L
78-93-3	2-Butanone	2.8	U	25	2.8	ug/L
56-23-5	Carbon Tetrachloride	0.47	U	5.0	0.47	ug/L
156-59-2	cis-1,2-Dichloroethene	0.77	U	5.0	0.77	ug/L
67-66-3	Chloroform	0.58	U	5.0	0.58	ug/L
71-55-6	1,1,1-Trichloroethane	0.41	U	5.0	0.41	ug/L
108-87-2	Methylcyclohexane	0.58	U	5.0	0.58	ug/L
71-43-2	Benzene	0.24	U	5.0	0.24	ug/L
107-06-2	1,2-Dichloroethane	0.32	U	5.0	0.32	ug/L
79-01-6	Trichloroethene	0.67	U	5.0	0.67	ug/L
78-87-5	1,2-Dichloropropane	0.63	U	5.0	0.63	ug/L
75-27-4	Bromodichloromethane	0.35	U	5.0	0.35	ug/L
108-10-1	4-Methyl-2-Pentanone	1.3	U	25	1.3	ug/L
108-88-3	Toluene	0.39	U	5.0	0.39	ug/L
10061-02-6	t-1,3-Dichloropropene	0.42	U	5.0	0.42	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.15	U	5.0	0.15	ug/L
79-00-5	1,1,2-Trichloroethane	0.52	U	5.0	0.52	ug/L

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Report of Analysis

Client:	Lightship Engineering (Env.&Land Use Consı	**Date Collected:**	11/3/2004
Project:	National Grid Schenectady Site	**Date Received:**	11/10/2004
Client Sample ID:	TRIPBLANK	**SDG No.:**	S5662
Lab Sample ID:	S5662-12	**Matrix:**	WATER
Analytical Method:	8260	**% Moisture:**	100
Sample Wt/Vol:	5.0 Units: mL	**Soil Extract Vol:**	uL
Soil Aliquot Vol:	mL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VI111230.D	1	11/13/2004	VI110504

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	0.66	U	25	0.66	ug/L
124-48-1	Dibromochloromethane	0.38	U	5.0	0.38	ug/L
106-93-4	1,2-Dibromoethane	0.63	U	5.0	0.63	ug/L
127-18-4	Tetrachloroethene	0.33	U	5.0	0.33	ug/L
108-90-7	Chlorobenzene	0.37	U	5.0	0.37	ug/L
100-41-4	Ethyl Benzene	0.41	U	5.0	0.41	ug/L
136777-61-2	m/p-Xylenes	0.96	U	5.0	0.96	ug/L
95-47-6	o-Xylene	0.37	U	5.0	0.37	ug/L
100-42-5	Styrene	0.34	U	5.0	0.34	ug/L
75-25-2	Bromoform	0.25	U	5.0	0.25	ug/L
98-82-8	Isopropylbenzene	0.33	U	5.0	0.33	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	5.0	0.50	ug/L
541-73-1	1,3-Dichlorobenzene	0.37	U	5.0	0.37	ug/L
106-46-7	1,4-Dichlorobenzene	0.39	U	5.0	0.39	ug/L
95-50-1	1,2-Dichlorobenzene	0.37	U	5.0	0.37	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.94	U	5.0	0.94	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.29	U	5.0	0.29	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	38.88	78 %	72 - 119		SPK: 50
1868-53-7	Dibromofluoromethane	49.5	99 %	85 - 115		SPK: 50
2037-26-5	Toluene-d8	48.06	96 %	81 - 120		SPK: 50
460-00-4	4-Bromofluorobenzene	48.7	97 %	76 - 119		SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	619573	4.12			
540-36-3	1,4-Difluorobenzene	897878	4.57			
3114-55-4	Chlorobenzene-d5	805047	7.59			
3855-82-1	1,4-Dichlorobenzene-d4	474005	9.82			

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Report of Analysis

Client:	Lightship Engineering (Env.&Land Use Consultan	**Date Collected:**	11/3/04
Project:	National Grid Schenectady Site	**Date Received:**	11/10/04
Client Sample ID:	LE-TP4-8-10	**SDG No.:**	S5662-01
Lab Sample ID:	S5662-01	**Matrix:**	SOIL
Analytical Method:	8270	**% Moisture:**	29
Sample Wt/Vol:	15.1 g	**Extract Vol:**	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BE017165.D	1	11/11/04	11/16/04	BE102604

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
91-20-3	Naphthalene	450	J	920	20	ug/Kg
208-96-8	Acenaphthylene	270	J	920	28	ug/Kg
83-32-9	Acenaphthene	93	J	920	20	ug/Kg
86-73-7	Fluorene	210	J	920	26	ug/Kg
85-01-8	Phenanthrene	2300		920	21	ug/Kg
120-12-7	Anthracene	920	J	920	22	ug/Kg
206-44-0	Fluoranthene	5700		920	13	ug/Kg
129-00-0	Pyrene	5000		920	16	ug/Kg
56-55-3	Benzo(a)anthracene	4300		920	14	ug/Kg
218-01-9	Chrysene	3800		920	29	ug/Kg
205-99-2	Benzo(b)fluoranthene	3400		920	49	ug/Kg
207-08-9	Benzo(k)fluoranthene	1200		920	32	ug/Kg
50-32-8	Benzo(a)pyrene	3300		920	16	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	2300	J	920	22	ug/Kg
53-70-3	Dibenz(a,h)anthracene	410	J	920	27	ug/Kg
191-24-2	Benzo(g,h,i)perylene	2300	J	920	40	ug/Kg
SURROGATES						
4165-60-0	Nitrobenzene-d5	57.2	29 %	23 - 120		SPK: 20
321-60-8	2-Fluorobiphenyl	85.95	43 %	30 - 116		SPK: 20
1718-51-0	Terphenyl-d14	68.96	34 %	18 - 137		SPK: 20
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	37612	6.04			
1146-65-2	Naphthalene-d8	133822	7.08			
15067-26-2	Acenaphthene-d10	70419	8.56			
1517-22-2	Phenanthrene-d10	113117	9.85			
1719-03-5	Chrysene-d12	106133	13.35			
1520-96-3	Perylene-d12	84273	17.11			

U = Not Detected
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E = Value Exceeds Calibration Range

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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	Lightship Engineering (Env.&Land Use Consultan	**Date Collected:**	11/3/04
Project:	National Grid Schenectady Site	**Date Received:**	11/10/04
Client Sample ID:	LE-SB4-8-10	**SDG No.:**	S5662-01
Lab Sample ID:	S5662-02	**Matrix:**	SOIL
Analytical Method:	8270	**% Moisture:**	19
Sample Wt/Vol:	15.1 g	**Extract Vol:**	500 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BE017163.D	1	11/11/04	11/16/04	BE102604

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
91-20-3	Naphthalene	8100 ~~9200~~	~~E~~	400	8.8	ug/Kg
208-96-8	Acenaphthylene	480		400	12	ug/Kg
83-32-9	Acenaphthene	2400		400	8.9	ug/Kg
86-73-7	Fluorene	2700		400	12	ug/Kg
85-01-8	Phenanthrene	7000 ~~9400~~	~~E~~	400	9.1	ug/Kg
120-12-7	Anthracene	1700		400	9.7	ug/Kg
206-44-0	Fluoranthene	3300 ~~4900~~	~~E~~	400	5.6	ug/Kg
129-00-0	Pyrene	3200		400	7.2	ug/Kg
56-55-3	Benzo(a)anthracene	1600		400	6.1	ug/Kg
218-01-9	Chrysene	1100		400	13	ug/Kg
205-99-2	Benzo(b)fluoranthene	1400		400	22	ug/Kg
207-08-9	Benzo(k)fluoranthene	510		400	14	ug/Kg
50-32-8	Benzo(a)pyrene	1400		400	7.0	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1200	J	400	9.8	ug/Kg
53-70-3	Dibenz(a,h)anthracene	120	J	400	12	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1100	J	400	18	ug/Kg
SURROGATES						
4165-60-0	Nitrobenzene-d5	105.39	53 %	23 - 120		SPK: 20
321-60-8	2-Fluorobiphenyl	179.68	90 %	30 - 116		SPK: 20
1718-51-0	Terphenyl-d14	160.75	80 %	18 - 137		SPK: 20
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	37118	6.04			
1146-65-2	Naphthalene-d8	139709	7.09			
15067-26-2	Acenaphthene-d10	73346	8.57			
1517-22-2	Phenanthrene-d10	112996	9.88			
1719-03-5	Chrysene-d12	99311	13.41			
1520-96-3	Perylene-d12	75773	17.16			

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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	Lightship Engineering (Env.&Land Use Consultan	**Date Collected:**	11/3/04
Project:	National Grid Schenectady Site	**Date Received:**	11/10/04
Client Sample ID:	LE-SB4-12-14DL	**SDG No.:**	S5662-01
Lab Sample ID:	S5662-03DL	**Matrix:**	SOIL
Analytical Method:	8270	**% Moisture:**	12
Sample Wt/Vol:	15.2 g	**Extract Vol:**	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BE017526.D	5	11/11/04	11/27/04	BE111704

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
91-20-3	Naphthalene	9100	D J	3700	81	ug/Kg
208-96-8	Acenaphthylene	670	JD	3700	110	ug/Kg
83-32-9	Acenaphthene	7800	D	3700	82	ug/Kg
86-73-7	Fluorene	6500	D	3700	110	ug/Kg
85-01-8	Phenanthrene	19000	D	3700	83	ug/Kg
120-12-7	Anthracene	5000	D	3700	89	ug/Kg
206-44-0	Fluoranthene	9700	D	3700	52	ug/Kg
129-00-0	Pyrene	11000	D	3700	66	ug/Kg
56-55-3	Benzo(a)anthracene	4800	D	3700	56	ug/Kg
218-01-9	Chrysene	4300	D	3700	120	ug/Kg
205-99-2	Benzo(b)fluoranthene	3300	JD	3700	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	1200	JD	3700	130	ug/Kg
50-32-8	Benzo(a)pyrene	3400	JD	3700	64	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	3700	JD	3700	90	ug/Kg
53-70-3	Dibenz(a,h)anthracene	110	UD	3700	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	3600	JD	3700	160	ug/Kg
SURROGATES						
4165-60-0	Nitrobenzene-d5	90.15	45 %	23 - 120		SPK: 20
321-60-8	2-Fluorobiphenyl	83.64999	42 %	30 - 116		SPK: 20
1718-51-0	Terphenyl-d14	85.75	43 %	18 - 137		SPK: 20
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	39138	5.94			
1146-65-2	Naphthalene-d8	139680	6.98			
15067-26-2	Acenaphthene-d10	69551	8.46			
1517-22-2	Phenanthrene-d10	99565	9.75			
1719-03-5	Chrysene-d12	68799	13.19			
1520-96-3	Perylene-d12	54838	16.91			

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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	Lightship Engineering (Env.&Land Use Consultan	**Date Collected:**	11/3/04
Project:	National Grid Schenectady Site	**Date Received:**	11/10/04
Client Sample ID:	LE-SB5-10-12	**SDG No.:**	S5662-01
Lab Sample ID:	S5662-04	**Matrix:**	SOIL
Analytical Method:	8270	**% Moisture:**	21
Sample Wt/Wol:	15.1 g	**Extract Vol:**	500 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BE017147.D	1	11/11/04	11/15/04	BE102604

CAS Number	Parameter		Conc.	Qualifier	RL	MDL	Units
TARGETS							
91-20-3	Naphthalene	4600	~~3700~~	~~E~~ J	410	9.0	ug/Kg
208-96-8	Acenaphthylene		160	J	410	12	ug/Kg
83-32-9	Acenaphthene		820		410	9.1	ug/Kg
86-73-7	Fluorene		1400		410	12	ug/Kg
85-01-8	Phenanthrene		3300		410	9.3	ug/Kg
120-12-7	Anthracene		1800		410	9.9	ug/Kg
206-44-0	Fluoranthene	5400	~~20000~~	~~E~~	410	5.8	ug/Kg
129-00-0	Pyrene	6900	~~8500~~	~~E~~	410	7.4	ug/Kg
56-55-3	Benzo(a)anthracene		3200		410	6.3	ug/Kg
218-01-9	Chrysene		2800		410	13	ug/Kg
205-99-2	Benzo(b)fluoranthene	2900	~~6800~~	~~E~~	410	22	ug/Kg
207-08-9	Benzo(k)fluoranthene		1800		410	14	ug/Kg
50-32-8	Benzo(a)pyrene	2600	~~4800~~	~~E~~	410	7.1	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene		1200	J	410	10	ug/Kg
53-70-3	Dibenz(a,h)anthracene		190	J	410	12	ug/Kg
191-24-2	Benzo(g,h,i)perylene		1600	J	410	18	ug/Kg
SURROGATES							
4165-60-0	Nitrobenzene-d5		111.27	56 %	23 - 120		SPK: 20
321-60-8	2-Fluorobiphenyl		143.75	72 %	30 - 116		SPK: 20
1718-51-0	Terphenyl-d14		150.38	75 %	18 - 137		SPK: 20
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4		32138	6.06			
1146-65-2	Naphthalene-d8		130709	7.10			
15067-26-2	Acenaphthene-d10		75979	8.58			
1517-22-2	Phenanthrene-d10		139399	9.87			
1719-03-5	Chrysene-d12		180756	13.43			
1520-96-3	Perylene-d12		78338	17.21			

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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	Lightship Engineering (Env.&Land Use Consultan	**Date Collected:**	11/3/04
Project:	National Grid Schenectady Site	**Date Received:**	11/10/04
Client Sample ID:	LE-SB5-16-18	**SDG No.:**	S5662-01
Lab Sample ID:	S5662-05	**Matrix:**	SOIL
Analytical Method:	8270	**% Moisture:**	24
Sample Wt/Vol:	15.1 g	**Extract Vol:**	500 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BE017146.D	1	11/11/04	11/15/04	BE102604

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
91-20-3	Naphthalene	2700	J	430	9.4	ug/Kg
208-96-8	Acenaphthylene	13	U	430	13	ug/Kg
83-32-9	Acenaphthene	240	J	430	9.6	ug/Kg
86-73-7	Fluorene	350	J	430	12	ug/Kg
85-01-8	Phenanthrene	1500		430	9.7	ug/Kg
120-12-7	Anthracene	330	J	430	10	ug/Kg
206-44-0	Fluoranthene	1600		430	6.0	ug/Kg
129-00-0	Pyrene	900		430	7.7	ug/Kg
56-55-3	Benzo(a)anthracene	640		430	6.5	ug/Kg
218-01-9	Chrysene	450		430	14	ug/Kg
205-99-2	Benzo(b)fluoranthene	600		430	23	ug/Kg
207-08-9	Benzo(k)fluoranthene	200	J	430	15	ug/Kg
50-32-8	Benzo(a)pyrene	560		430	7.5	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	400	J	430	10	ug/Kg
53-70-3	Dibenz(a,h)anthracene	46	J	430	13	ug/Kg
191-24-2	Benzo(g,h,i)perylene	400	J	430	19	ug/Kg
SURROGATES						
4165-60-0	Nitrobenzene-d5	114.98	57 %	23 - 120		SPK: 20
321-60-8	2-Fluorobiphenyl	145.82	73 %	30 - 116		SPK: 20
1718-51-0	Terphenyl-d14	199.8	100 %	18 - 137		SPK: 20
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	33413	6.06			
1146-65-2	Naphthalene-d8	136043	7.10			
15067-26-2	Acenaphthene-d10	78822	8.58			
1517-22-2	Phenanthrene-d10	124601	9.89			
1719-03-5	Chrysene-d12	138105	13.46			
1520-96-3	Perylene-d12	99377	17.24			

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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	Lightship Engineering (Env.&Land Use Consultan	**Date Collected:**	11/3/04
Project:	National Grid Schenectady Site	**Date Received:**	11/10/04
Client Sample ID:	LE-SB5-22-24	**SDG No.:**	S5662-01
Lab Sample ID:	S5662-06	**Matrix:**	SOIL
Analytical Method:	8270	**% Moisture:**	36
Sample Wt/Vol:	15.2 g	**Extract Vol:**	500 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BE017525.D	1	11/11/04	11/27/04	BE111704

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
91-20-3	Naphthalene	1700		510	11	ug/Kg
208-96-8	Acenaphthylene	15	U	510	15	ug/Kg
83-32-9	Acenaphthene	11	U	510	11	ug/Kg
86-73-7	Fluorene	14	U	510	14	ug/Kg
85-01-8	Phenanthrene	11	U	510	11	ug/Kg
120-12-7	Anthracene	12	U	510	12	ug/Kg
206-44-0	Fluoranthene	7.1	U	510	7.1	ug/Kg
129-00-0	Pyrene	9.1	U	510	9.1	ug/Kg
56-55-3	Benzo(a)anthracene	7.7	U	510	7.7	ug/Kg
218-01-9	Chrysene	16	U	510	16	ug/Kg
205-99-2	Benzo(b)fluoranthene	27	U	510	27	ug/Kg
207-08-9	Benzo(k)fluoranthene	17	U	510	17	ug/Kg
50-32-8	Benzo(a)pyrene	8.8	U	510	8.8	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	12	U	510	12	ug/Kg
53-70-3	Dibenz(a,h)anthracene	15	U	510	15	ug/Kg
191-24-2	Benzo(g,h,i)perylene	22	U	510	22	ug/Kg
SURROGATES						
4165-60-0	Nitrobenzene-d5	159.21	80 %	23 - 120		SPK: 20
321-60-8	2-Fluorobiphenyl	139.28	70 %	30 - 116		SPK: 20
1718-51-0	Terphenyl-d14	151.8	76 %	18 - 137		SPK: 20
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	47589	5.94			
1146-65-2	Naphthalene-d8	158800	6.98			
15067-26-2	Acenaphthene-d10	78248	8.46			
1517-22-2	Phenanthrene-d10	109615	9.76			
1719-03-5	Chrysene-d12	75057	13.22			
1520-96-3	Perylene-d12	60260	16.94			

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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	Lightship Engineering (Env.&Land Use Consultan	**Date Collected:**	11/3/04
Project:	National Grid Schenectady Site	**Date Received:**	11/10/04
Client Sample ID:	LE-SB3-10-12	**SDG No.:**	S5662-01
Lab Sample ID:	S5662-07	**Matrix:**	SOIL
Analytical Method:	8270	**% Moisture:**	25
Sample Wt/Vol:	15.2 g	**Extract Vol:**	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BE017164.D	1	11/11/04	11/16/04	BE102604

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
91-20-3	Naphthalene	220,000 ~~400000 260000~~	~~E~~	870	19	ug/Kg
208-96-8	Acenaphthylene	~~36000 29000~~	~~E~~	870	26	ug/Kg
83-32-9	Acenaphthene	8400 ~~7400~~	~~E~~	870	19	ug/Kg
86-73-7	Fluorene	34000 ~~30000~~	~~E~~	870	25	ug/Kg
85-01-8	Phenanthrene 64,000	64,000 ~~74000 81000~~	~~E~~	870	19	ug/Kg
120-12-7	Anthracene	27000 ~~22000~~	~~E~~	870	21	ug/Kg
206-44-0	Fluoranthene	15000 ~~17000~~	~~E~~	870	12	ug/Kg
129-00-0	Pyrene	37000 ~~31000~~	~~E~~	870	16	ug/Kg
56-55-3	Benzo(a)anthracene	16,500 ~~11000~~	~~E~~	870	13	ug/Kg
218-01-9	Chrysene	9600 ~~9800~~	~~E~~	870	28	ug/Kg
205-99-2	Benzo(b)fluoranthene	5300		870	46	ug/Kg
207-08-9	Benzo(k)fluoranthene	1800		870	30	ug/Kg
50-32-8	Benzo(a)pyrene	6500 ~~8100~~	~~E~~ N	870	15	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	3500	J	870	21	ug/Kg
53-70-3	Dibenz(a,h)anthracene	590	J J	870	25	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1800		870	38	ug/Kg
SURROGATES						
4165-60-0	Nitrobenzene-d5	132.46	66 %	23 - 120		SPK: 20
321-60-8	2-Fluorobiphenyl	84.32	42 %	30 - 116		SPK: 20
1718-51-0	Terphenyl-d14	71.68	36 %	18 - 137		SPK: 20
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	35382	6.04			
1146-65-2	Naphthalene-d8	110428	7.09			
15067-26-2	Acenaphthene-d10	105876	8.57			
1517-22-2	Phenanthrene-d10	202153	9.85			
1719-03-5	Chrysene-d12	128585	13.36			
1520-96-3	Perylene-d12	84289	17.11			

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Report of Analysis

Client:	Lightship Engineering (Env.&Land Use Consultan	**Date Collected:**	11/4/04
Project:	National Grid Schenectady Site	**Date Received:**	11/10/04
Client Sample ID:	LE-SB3-26-28	**SDG No.:**	S5662-01
Lab Sample ID:	S5662-08	**Matrix:**	SOIL
Analytical Method:	8270	**% Moisture:**	19
Sample Wt/Vol:	15.1 g	**Extract Vol:**	500 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BE017141.D	1	11/11/04	11/14/04	BE102604

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
91-20-3	Naphthalene	75	J	400	8.8	ug/Kg
208-96-8	Acenaphthylene	12	U	400	12	ug/Kg
83-32-9	Acenaphthene	9.0	U	400	9.0	ug/Kg
86-73-7	Fluorene	42	J	400	12	ug/Kg
85-01-8	Phenanthrene	130	J	400	9.1	ug/Kg
120-12-7	Anthracene	9.7	U	400	9.7	ug/Kg
206-44-0	Fluoranthene	52	J	400	5.6	ug/Kg
129-00-0	Pyrene	46	J	400	7.2	ug/Kg
56-55-3	Benzo(a)anthracene	6.1	U	400	6.1	ug/Kg
218-01-9	Chrysene	13	U	400	13	ug/Kg
205-99-2	Benzo(b)fluoranthene	22	U	400	22	ug/Kg
207-08-9	Benzo(k)fluoranthene	14	U	400	14	ug/Kg
50-32-8	Benzo(a)pyrene	7.0	U	400	7.0	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	9.8	U	400	9.8	ug/Kg
53-70-3	Dibenz(a,h)anthracene	12	U	400	12	ug/Kg
191-24-2	Benzo(g,h,i)perylene	18	U	400	18	ug/Kg
SURROGATES						
4165-60-0	Nitrobenzene-d5	124.25	62 %	23 - 120		SPK: 20
321-60-8	2-Fluorobiphenyl	151.26	76 %	30 - 116		SPK: 20
1718-51-0	Terphenyl-d14	201.49	101 %	18 - 137		SPK: 20
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	29599	6.06			
1146-65-2	Naphthalene-d8	113857	7.10			
15067-26-2	Acenaphthene-d10	70666	8.58			
1517-22-2	Phenanthrene-d10	73512	9.90			
1719-03-5	Chrysene-d12	98394	13.47			
1520-96-3	Perylene-d12	90177	17.23			

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Report of Analysis

Client:	Lightship Engineering (Env.&Land Use Consultan	**Date Collected:**	11/4/04
Project:	National Grid Schenectady Site	**Date Received:**	11/10/04
Client Sample ID:	LE-SB3-30-32	**SDG No.:**	S5662-01
Lab Sample ID:	S5662-09	**Matrix:**	SOIL
Analytical Method:	8270	**% Moisture:**	17
Sample Wt/Vol:	15.2 g	**Extract Vol:**	500 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BE017142.D	1	11/11/04	11/14/04	BE102604

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
91-20-3	Naphthalene	330	J	390	8.6	ug/Kg
208-96-8	Acenaphthylene	48	J	390	12	ug/Kg
83-32-9	Acenaphthene	8.7	U	390	8.7	ug/Kg
86-73-7	Fluorene	57	J	390	11	ug/Kg
85-01-8	Phenanthrene	120	J	390	8.8	ug/Kg
120-12-7	Anthracene	9.4	U	390	9.4	ug/Kg
206-44-0	Fluoranthene	5.5	U	390	5.5	ug/Kg
129-00-0	Pyrene	7.0	U	390	7.0	ug/Kg
56-55-3	Benzo(a)anthracene	6.0	U	390	6.0	ug/Kg
218-01-9	Chrysene	13	U	390	13	ug/Kg
205-99-2	Benzo(b)fluoranthene	21	U	390	21	ug/Kg
207-08-9	Benzo(k)fluoranthene	13	U	390	13	ug/Kg
50-32-8	Benzo(a)pyrene	6.8	U	390	6.8	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	9.5	U	390	9.5	ug/Kg
53-70-3	Dibenz(a,h)anthracene	12	U	390	12	ug/Kg
191-24-2	Benzo(g,h,i)perylene	17	U	390	17	ug/Kg
SURROGATES						
4165-60-0	Nitrobenzene-d5	127.52	64 %	23 - 120		SPK: 20
321-60-8	2-Fluorobiphenyl	154.78	77 %	30 - 116		SPK: 20
1718-51-0	Terphenyl-d14	200.69	100 %	18 - 137		SPK: 20
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	33500	6.06			
1146-65-2	Naphthalene-d8	127282	7.09			
15067-26-2	Acenaphthene-d10	78929	8.58			
1517-22-2	Phenanthrene-d10	78233	9.89			
1719-03-5	Chrysene-d12	114628	13.44			
1520-96-3	Perylene-d12	99480	17.21			

U = Not Detected
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MDL = Method Detection Limit
E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found In Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	Lightship Engineering (Env.&Land Use Consı	**Date Collected:**	11/3/2004
Project:	National Grid Schenec	**Date Received:**	11/10/2004
Client Sample ID:	LE-SB5-16-18	**SDG No.:**	S5662
Lab Sample ID:	S5662-05	**Matrix:**	SOIL
		% Solids:	75.50

CAS No.	Analyte	Conc.	Qualifier	Units	DL	Dilution	Date Prep	Date Anal.	Method
7429-90-5	Aluminum	4460		mg/Kg	0.833	1	11/22/2004	11/22/2004	EPA SW-846 6010
7440-36-0	Antimony	0.746	U	mg/Kg	0.746	1	11/22/2004	11/22/2004	EPA SW-846 6010
7440-38-2	Arsenic	3.250		mg/Kg	0.314	1	11/22/2004	11/22/2004	EPA SW-846 6010
7440-39-3	Barium	38.8		mg/Kg	0.029	1	11/22/2004	11/22/2004	EPA SW-846 6010
7440-41-7	Beryllium	0.319	J	mg/Kg	0.005	1	11/22/2004	11/22/2004	EPA SW-846 6010
7440-43-9	Cadmium	0.132	J	mg/Kg	0.061	1	11/22/2004	11/22/2004	EPA SW-846 6010
7440-70-2	Calcium	22500	J	mg/Kg	0.464	1	11/22/2004	11/22/2004	EPA SW-846 6010
7440-47-3	Chromium	6.080		mg/Kg	0.126	1	11/22/2004	11/22/2004	EPA SW-846 6010
7440-48-4	Cobalt	3.810	J	mg/Kg	0.105	1	11/22/2004	11/22/2004	EPA SW-846 6010
7440-50-8	Copper	10.7		mg/Kg	0.151	1	11/22/2004	11/22/2004	EPA SW-846 6010
7439-89-6	Iron	8450		mg/Kg	2.330	1	11/22/2004	11/22/2004	EPA SW-846 6010
7439-92-1	Lead	21.2	N	mg/Kg	0.136	1	11/22/2004	11/22/2004	EPA SW-846 6010
7439-95-4	Magnesium	2760		mg/Kg	0.021	1	11/22/2004	11/22/2004	EPA SW-846 6010
7439-96-5	Manganese	214		mg/Kg	1.060	1	11/22/2004	11/22/2004	EPA SW-846 6010
7439-97-6	Mercury	0.285	N	mg/Kg	0.008	1	11/13/2004	11/16/2004	EPA SW-846 7471
7440-02-0	Nickel	7.210		mg/Kg	0.200	1	11/22/2004	11/22/2004	EPA SW-846 6010
7440-09-7	Potassium	635	J	mg/Kg	4.360	1	11/22/2004	11/22/2004	EPA SW-846 6010
7782-49-2	Selenium	0.415	U N	mg/Kg	0.415	1	11/22/2004	11/22/2004	EPA SW-846 6010
7440-22-4	Silver	0.165	J	mg/Kg	0.139	1	11/22/2004	11/22/2004	EPA SW-846 6010
7440-23-5	Sodium	269	J	mg/Kg	49.2	1	11/22/2004	11/22/2004	EPA SW-846 6010
7440-28-0	Thallium	0.437	U	mg/Kg	0.437	1	11/22/2004	11/22/2004	EPA SW-846 6010
7440-62-2	Vanadium	10.4		mg/Kg	0.135	1	11/22/2004	11/22/2004	EPA SW-846 6010
7440-66-6	Zinc	29.5		mg/Kg	0.074	1	11/22/2004	11/22/2004	EPA SW-846 6010

Comments:

U = Not Detected
DL = Method Detection Limit or Instrument Detection Limit

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B = Analyte Found In Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	Lightship Engineering (Env.&Land Use Cons	**Date Collected:**	11/3/04
Project:		**Date Received:**	11/10/04
Client Sample ID:	LE-TP4-8-10	**SDG No.:**	S5662
Lab Sample ID:	S5662-01	**Matrix:**	SOIL
% Solids:	70.50		

Analyte	Result	Qualifier	RL	Units	DF	Date Analyzed	Method
Cyanide	10	J	0.709	mg/Kg	1	11/15/04	9012 Cyanide

Comment

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Report of Analysis

Client:	Lightship Engineering (Env.&Land Use Cons	**Date Collected:**	11/3/04
Project:		**Date Received:**	11/10/04
Client Sample ID:	LE-SB4-8-10	**SDG No.:**	S5662
Lab Sample ID:	S5662-02	**Matrix:**	SOIL
% Solids:	80.60		

Analyte	Result	Qualifier	RL	Units	DF	Date Analyzed	Method
Cyanide	0.620	U J	0.620	mg/Kg	1	11/15/04	9012 Cyanide
TOC	7400		310	mg/Kg	1	11/21/04	9060 TOC

Comment

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Report of Analysis

Client:	Lightship Engineering (Env.&Land Use Cons	**Date Collected:**	11/3/04
Project:		**Date Received:**	11/10/04
Client Sample ID:	LE-SB4-12-14	**SDG No.:**	S5662
Lab Sample ID:	S5662-03	**Matrix:**	SOIL
% Solids:	88.00		

Analyte	Result	Qualifier	RL	Units	DF	Date Analyzed	Method
Cyanide	0.568	U J	0.568	mg/Kg	1	11/15/04	9012 Cyanide

Comment

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Report of Analysis

Client:	Lightship Engineering (Env.&Land Use Cons	**Date Collected:**	11/3/04
Project:		**Date Received:**	11/10/04
Client Sample ID:	LE-SB5-10-12	**SDG No.:**	S5662
Lab Sample ID:	S5662-04	**Matrix:**	SOIL
% Solids:	78.70		

Analyte	Result	Qualifier	RL	Units	DF	Date Analyzed	Method
Cyanide	4.640	J	0.635	mg/Kg	1	11/15/04	9012 Cyanide

Comment

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Report of Analysis

Client:	Lightship Engineering (Env.&Land Use Cons	**Date Collected:**	11/3/04
Project:		**Date Received:**	11/10/04
Client Sample ID:	LE-SB5-16-18	**SDG No.:**	S5662
Lab Sample ID:	S5662-05	**Matrix:**	SOIL
% Solids:	75.50		

Analyte	Result	Qualifier	RL	Units	DF	Date Analyzed	Method
Cyanide	9.670	J	0.662	mg/Kg	1	11/15/04	9012 Cyanide
TOC	7800		330	mg/Kg	1	11/21/04	9060 TOC

Comment

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Report of Analysis

Client:	Lightship Engineering (Env.&Land Use Cons	**Date Collected:**	11/3/04
Project:		**Date Received:**	11/10/04
Client Sample ID:	LE-SB5-22-24	**SDG No.:**	S5662
Lab Sample ID:	S5662-06	**Matrix:**	SOIL
% Solids:	64.20		

Analyte	Result	Qualifier	RL	Units	DF	Date Analyzed	Method
Cyanide	0.779	UJ	0.779	mg/Kg	1	11/15/04	9012 Cyanide

Comment

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Report of Analysis

Client:	Lightship Engineering (Env.&Land Use Cons	**Date Collected:**	11/3/04
Project:		**Date Received:**	11/10/04
Client Sample ID:	LE-SB3-10-12	**SDG No.:**	S5662
Lab Sample ID:	S5662-07	**Matrix:**	SOIL
% Solids:	75.10		

Analyte	Result	Qualifier	RL	Units	DF	Date Analyzed	Method
Cyanide	13	J	0.666	mg/Kg	1	11/15/04	9012 Cyanide
TOC	5200		330	mg/Kg	1	11/21/04	9060 TOC

Comment

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Report of Analysis

Client:	Lightship Engineering (Env.&Land Use Cons	Date Collected:	11/4/04
Project:		Date Received:	11/10/04
Client Sample ID:	LE-SB3-26-28	SDG No.:	S5662
Lab Sample ID:	S5662-08	Matrix:	SOIL
% Solids:	81.10		

Analyte	Result	Qualifier	RL	Units	DF	Date Analyzed	Method
Cyanide	0.617	U J	0.617	mg/Kg	1	11/15/04	9012 Cyanide

Comment

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Report of Analysis

Client:	Lightship Engineering (Env.&Land Use Consultan	Date Collected:	11/3/04
Project:	National Grid Schenectady Site	Date Received:	11/10/04
Client Sample ID:	LE-SB5-22-24	SDG No.:	S5662-01
Lab Sample ID:	S5662-06	Matrix:	SOIL
Analytical Method:	8270	% Moisture:	36
Sample Wt/Vol:	15.2 g	Extract Vol:	500 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BE017525.D	1	11/11/04	11/27/04	BE111704

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
91-20-3	Naphthalene	1700		510	11	ug/Kg
208-96-8	Acenaphthylene	15	U	510	15	ug/Kg
83-32-9	Acenaphthene	11	U	510	11	ug/Kg
86-73-7	Fluorene	14	U	510	14	ug/Kg
85-01-8	Phenanthrene	11	U	510	11	ug/Kg
120-12-7	Anthracene	12	U	510	12	ug/Kg
206-44-0	Fluoranthene	7.1	U	510	7.1	ug/Kg
129-00-0	Pyrene	9.1	U	510	9.1	ug/Kg
56-55-3	Benzo(a)anthracene	7.7	U	510	7.7	ug/Kg
218-01-9	Chrysene	16	U	510	16	ug/Kg
205-99-2	Benzo(b)fluoranthene	27	U	510	27	ug/Kg
207-08-9	Benzo(k)fluoranthene	17	U	510	17	ug/Kg
50-32-8	Benzo(a)pyrene	8.8	U	510	8.8	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	12	U	510	12	ug/Kg
53-70-3	Dibenz(a,h)anthracene	15	U	510	15	ug/Kg
191-24-2	Benzo(g,h,i)perylene	22	U	510	22	ug/Kg
SURROGATES						
4165-60-0	Nitrobenzene-d5	159.21	80 %	23 - 120		SPK: 20
321-60-8	2-Fluorobiphenyl	139.28	70 %	30 - 116		SPK: 20
1718-51-0	Terphenyl-d14	151.8	76 %	18 - 137		SPK: 20
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	47589	5.94			
1146-65-2	Naphthalene-d8	158800	6.98			
15067-26-2	Acenaphthene-d10	78248	8.46			
1517-22-2	Phenanthrene-d10	109615	9.76			
1719-03-5	Chrysene-d12	75057	13.22			
1520-96-3	Perylene-d12	60260	16.94			

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Report of Analysis

Client:	Lightship Engineering (Env.&Land Use Consultan	Date Collected:	11/3/04
Project:	National Grid Schenectady Site	Date Received:	11/10/04
Client Sample ID:	LE-SB3-10-12	SDG No.:	S5662-01
Lab Sample ID:	S5662-07	Matrix:	SOIL
Analytical Method:	8270	% Moisture:	25
Sample Wt/Vol:	15.2 g	Extract Vol:	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BE017164.D	1	11/11/04	11/16/04	BE102604

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
91-20-3	Naphthalene	220,000 ~~400000~~ ~~260000~~	~~E~~	870	19	ug/Kg
208-96-8	Acenaphthylene	36000 ~~29000~~	~~E~~	870	26	ug/Kg
83-32-9	Acenaphthene	8400 ~~7400~~	~~E~~	870	19	ug/Kg
86-73-7	Fluorene	34000 ~~30000~~	~~E~~	870	25	ug/Kg
85-01-8	Phenanthrene 64,000 64,000 ~~75000~~ ~~81000~~		~~E~~	870	19	ug/Kg
120-12-7	Anthracene	27000 ~~22000~~	~~E~~	870	21	ug/Kg
206-44-0	Fluoranthene	150000 ~~17000~~	~~E~~	870	12	ug/Kg
129-00-0	Pyrene	37000 ~~31000~~	~~E~~	870	16	ug/Kg
56-55-3	Benzo(a)anthracene	16,000 ~~11000~~	~~E~~	870	13	ug/Kg
218-01-9	Chrysene	9600 ~~9800~~	~~E~~	870	28	ug/Kg
205-99-2	Benzo(b)fluoranthene	5300		870	46	ug/Kg
207-08-9	Benzo(k)fluoranthene	1800		870	30	ug/Kg
50-32-8	Benzo(a)pyrene	6500 ~~8100~~	~~E~~ N	870	15	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	3500	J	870	21	ug/Kg
53-70-3	Dibenz(a,h)anthracene	590	J J	870	25	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1800		870	38	ug/Kg
SURROGATES						
4165-60-0	Nitrobenzene-d5	132.46	66 %	23 - 120		SPK: 20
321-60-8	2-Fluorobiphenyl	84.32	42 %	30 - 116		SPK: 20
1718-51-0	Terphenyl-d14	71.68	36 %	18 - 137		SPK: 20
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	35382	6.04			
1146-65-2	Naphthalene-d8	110428	7.09			
15067-26-2	Acenaphthene-d10	105876	8.57			
1517-22-2	Phenanthrene-d10	202153	9.85			
1719-03-5	Chrysene-d12	128585	13.36			
1520-96-3	Perylene-d12	84289	17.11			

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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	Lightship Engineering (Env.&Land Use Consultan	Date Collected:	11/4/04
Project:	National Grid Schenectady Site	Date Received:	11/10/04
Client Sample ID:	LE-SB3-26-28	SDG No.:	S5662-01
Lab Sample ID:	S5662-08	Matrix:	SOIL
Analytical Method:	8270	% Moisture:	19
Sample Wt/Wol:	15.1 g	Extract Vol:	500 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BE017141.D	1	11/11/04	11/14/04	BE102604

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
91-20-3	Naphthalene	75	J	400	8.8	ug/Kg
208-96-8	Acenaphthylene	12	U	400	12	ug/Kg
83-32-9	Acenaphthene	9.0	U	400	9.0	ug/Kg
86-73-7	Fluorene	42	J	400	12	ug/Kg
85-01-8	Phenanthrene	130	J	400	9.1	ug/Kg
120-12-7	Anthracene	9.7	U	400	9.7	ug/Kg
206-44-0	Fluoranthene	52	J	400	5.6	ug/Kg
129-00-0	Pyrene	46	J	400	7.2	ug/Kg
56-55-3	Benzo(a)anthracene	6.1	U	400	6.1	ug/Kg
218-01-9	Chrysene	13	U	400	13	ug/Kg
205-99-2	Benzo(b)fluoranthene	22	U	400	22	ug/Kg
207-08-9	Benzo(k)fluoranthene	14	U	400	14	ug/Kg
50-32-8	Benzo(a)pyrene	7.0	U	400	7.0	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	9.8	U	400	9.8	ug/Kg
53-70-3	Dibenz(a,h)anthracene	12	U	400	12	ug/Kg
191-24-2	Benzo(g,h,i)perylene	18	U	400	18	ug/Kg
SURROGATES						
4165-60-0	Nitrobenzene-d5	124.25	62 %	23 - 120		SPK: 20
321-60-8	2-Fluorobiphenyl	151.26	76 %	30 - 116		SPK: 20
1718-51-0	Terphenyl-d14	201.49	101 %	18 - 137		SPK: 20
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	29599	6.06			
1146-65-2	Naphthalene-d8	113857	7.10			
15067-26-2	Acenaphthene-d10	70666	8.58			
1517-22-2	Phenanthrene-d10	73512	9.90			
1719-03-5	Chrysene-d12	98394	13.47			
1520-96-3	Perylene-d12	90177	17.23			

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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	Lightship Engineering (Env.&Land Use Consultan	Date Collected:	11/4/04
Project:	National Grid Schenectady Site	Date Received:	11/10/04
Client Sample ID:	LE-SB3-30-32	SDG No.:	S5662-01
Lab Sample ID:	S5662-09	Matrix:	SOIL
Analytical Method:	8270	% Moisture:	17
Sample Wt/Vol:	15.2 g	Extract Vol:	500 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BE017142.D	1	11/11/04	11/14/04	BE102604

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
91-20-3	Naphthalene	330	J	390	8.6	ug/Kg
208-96-8	Acenaphthylene	48	J	390	12	ug/Kg
83-32-9	Acenaphthene	8.7	U	390	8.7	ug/Kg
86-73-7	Fluorene	57	J	390	11	ug/Kg
85-01-8	Phenanthrene	120	J	390	8.8	ug/Kg
120-12-7	Anthracene	9.4	U	390	9.4	ug/Kg
206-44-0	Fluoranthene	5.5	U	390	5.5	ug/Kg
129-00-0	Pyrene	7.0	U	390	7.0	ug/Kg
56-55-3	Benzo(a)anthracene	6.0	U	390	6.0	ug/Kg
218-01-9	Chrysene	13	U	390	13	ug/Kg
205-99-2	Benzo(b)fluoranthene	21	U	390	21	ug/Kg
207-08-9	Benzo(k)fluoranthene	13	U	390	13	ug/Kg
50-32-8	Benzo(a)pyrene	6.8	U	390	6.8	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	9.5	U	390	9.5	ug/Kg
53-70-3	Dibenz(a,h)anthracene	12	U	390	12	ug/Kg
191-24-2	Benzo(g,h,i)perylene	17	U	390	17	ug/Kg
SURROGATES						
4165-60-0	Nitrobenzene-d5	127.52	64 %	23 - 120		SPK: 20
321-60-8	2-Fluorobiphenyl	154.78	77 %	30 - 116		SPK: 20
1718-51-0	Terphenyl-d14	200.69	100 %	18 - 137		SPK: 20
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	33500	6.06			
1146-65-2	Naphthalene-d8	127282	7.09			
15067-26-2	Acenaphthene-d10	78929	8.58			
1517-22-2	Phenanthrene-d10	78233	9.89			
1719-03-5	Chrysene-d12	114628	13.44			
1520-96-3	Perylene-d12	99480	17.21			

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found In Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	Lightship Engineering (Env.&Land Use Consı	**Date Collected:**	11/3/2004
Project:	National Grid Schenec	**Date Received:**	11/10/2004
Client Sample ID:	LE-SB5-16-18	**SDG No.:**	S5662
Lab Sample ID:	S5662-05	**Matrix:**	SOIL
		% Solids:	75.50

CAS No.	Analyte	Conc.	Qualifier		Units	DL	Dilution	Date Prep	Date Anal.	Method
7429-90-5	Aluminum	4460			mg/Kg	0.833	1	11/22/2004	11/22/2004	EPA SW-846 6010
7440-36-0	Antimony	0.746	U		mg/Kg	0.746	1	11/22/2004	11/22/2004	EPA SW-846 6010
7440-38-2	Arsenic	3.250			mg/Kg	0.314	1	11/22/2004	11/22/2004	EPA SW-846 6010
7440-39-3	Barium	38.8			mg/Kg	0.029	1	11/22/2004	11/22/2004	EPA SW-846 6010
7440-41-7	Beryllium	0.319	J		mg/Kg	0.005	1	11/22/2004	11/22/2004	EPA SW-846 6010
7440-43-9	Cadmium	0.132	J		mg/Kg	0.061	1	11/22/2004	11/22/2004	EPA SW-846 6010
7440-70-2	Calcium	22500		J	mg/Kg	0.464	1	11/22/2004	11/22/2004	EPA SW-846 6010
7440-47-3	Chromium	6.080			mg/Kg	0.126	1	11/22/2004	11/22/2004	EPA SW-846 6010
7440-48-4	Cobalt	3.810	J		mg/Kg	0.105	1	11/22/2004	11/22/2004	EPA SW-846 6010
7440-50-8	Copper	10.7			mg/Kg	0.151	1	11/22/2004	11/22/2004	EPA SW-846 6010
7439-89-6	Iron	8450			mg/Kg	2.330	1	11/22/2004	11/22/2004	EPA SW-846 6010
7439-92-1	Lead	21.2		N	mg/Kg	0.136	1	11/22/2004	11/22/2004	EPA SW-846 6010
7439-95-4	Magnesium	2760			mg/Kg	0.021	1	11/22/2004	11/22/2004	EPA SW-846 6010
7439-96-5	Manganese	214			mg/Kg	1.060	1	11/22/2004	11/22/2004	EPA SW-846 6010
7439-97-6	Mercury	0.285		N	mg/Kg	0.008	1	11/13/2004	11/16/2004	EPA SW-846 7471
7440-02-0	Nickel	7.210			mg/Kg	0.200	1	11/22/2004	11/22/2004	EPA SW-846 6010
7440-09-7	Potassium	635	J	J	mg/Kg	4.360	1	11/22/2004	11/22/2004	EPA SW-846 6010
7782-49-2	Selenium	0.415	U	N	mg/Kg	0.415	1	11/22/2004	11/22/2004	EPA SW-846 6010
7440-22-4	Silver	0.165	J		mg/Kg	0.139	1	11/22/2004	11/22/2004	EPA SW-846 6010
7440-23-5	Sodium	269	J		mg/Kg	49.2	1	11/22/2004	11/22/2004	EPA SW-846 6010
7440-28-0	Thallium	0.437	U		mg/Kg	0.437	1	11/22/2004	11/22/2004	EPA SW-846 6010
7440-62-2	Vanadium	10.4			mg/Kg	0.135	1	11/22/2004	11/22/2004	EPA SW-846 6010
7440-66-6	Zinc	29.5			mg/Kg	0.074	1	11/22/2004	11/22/2004	EPA SW-846 6010

Comments:

U = Not Detected
DL = Method Detection Limit or Instrument Detection Limit

J = Estimated Value
B = Analyte Found In Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	Lightship Engineering (Env.&Land Use Cons	**Date Collected:**	11/3/04
Project:		**Date Received:**	11/10/04
Client Sample ID:	LE-TP4-8-10	**SDG No.:**	S5662
Lab Sample ID:	S5662-01	**Matrix:**	SOIL
% Solids:	70.50		

Analyte	Result	Qualifier	RL	Units	DF	Date Analyzed	Method
Cyanide	10	J	0.709	mg/Kg	1	11/15/04	9012 Cyanide

Comment

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	Lightship Engineering (Env.&Land Use Cons	**Date Collected:**	11/3/04
Project:		**Date Received:**	11/10/04
Client Sample ID:	LE-SB4-8-10	**SDG No.:**	S5662
Lab Sample ID:	S5662-02	**Matrix:**	SOIL
% Solids:	80.60		

Analyte	Result	Qualifier	RL	Units	DF	Date Analyzed	Method
Cyanide	0.620	U J	0.620	mg/Kg	1	11/15/04	9012 Cyanide
TOC	7400		310	mg/Kg	1	11/21/04	9060 TOC

Comment

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Report of Analysis

Client:	Lightship Engineering (Env.&Land Use Cons	Date Collected:	11/3/04
Project:		Date Received:	11/10/04
Client Sample ID:	LE-SB5-10-12	SDG No.:	S5662
Lab Sample ID:	S5662-04	Matrix:	SOIL
% Solids:	78.70		

Analyte	Result	Qualifier	RL	Units	DF	Date Analyzed	Method
Cyanide	4.640	J	0.635	mg/Kg	1	11/15/04	9012 Cyanide

Comment

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	Lightship Engineering (Env.&Land Use Cons	**Date Collected:**	11/3/04
Project:		**Date Received:**	11/10/04
Client Sample ID:	LE-SB5-16-18	**SDG No.:**	S5662
Lab Sample ID:	S5662-05	**Matrix:**	SOIL
% Solids:	75.50		

Analyte	Result	Qualifier	RL	Units	DF	Date Analyzed	Method
Cyanide	9.670	J	0.662	mg/Kg	1	11/15/04	9012 Cyanide
TOC	7800		330	mg/Kg	1	11/21/04	9060 TOC

Comment

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Report of Analysis

Client:	Lightship Engineering (Env.&Land Use Cons	**Date Collected:**	11/3/04
Project:		**Date Received:**	11/10/04
Client Sample ID:	LE-SB5-22-24	**SDG No.:**	S5662
Lab Sample ID:	S5662-06	**Matrix:**	SOIL
% Solids:	64.20		

Analyte	Result	Qualifier	RL	Units	DF	Date Analyzed	Method
Cyanide	0.779	U J	0.779	mg/Kg	1	11/15/04	9012 Cyanide

Comment

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Report of Analysis

Client:	Lightship Engineering (Env.&Land Use Cons	**Date Collected:**	11/3/04
Project:		**Date Received:**	11/10/04
Client Sample ID:	LE-SB3-10-12	**SDG No.:**	S5662
Lab Sample ID:	S5662-07	**Matrix:**	SOIL
% Solids:	75.10		

Analyte	Result	Qualifier	RL	Units	DF	Date Analyzed	Method
Cyanide	13	J	0.666	mg/Kg	1	11/15/04	9012 Cyanide
TOC	5200		330	mg/Kg	1	11/21/04	9060 TOC

Comment

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Report of Analysis

Client:	Lightship Engineering (Env.&Land Use Cons	**Date Collected:**	11/4/04
Project:		**Date Received:**	11/10/04
Client Sample ID:	LE-SB3-26-28	**SDG No.:**	S5662
Lab Sample ID:	S5662-08	**Matrix:**	SOIL
% Solids:	81.10		

Analyte	Result	Qualifier	RL	Units	DF	Date Analyzed	Method
Cyanide	0.617	U J	0.617	mg/Kg	1	11/15/04	9012 Cyanide

Comment

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Report of Analysis

Client:	Lightship Engineering (Env.&Land Use Cons	**Date Collected:**	11/4/04
Project:		**Date Received:**	11/10/04
Client Sample ID:	LE-SB3-30-32	**SDG No.:**	S5662
Lab Sample ID:	S5662-09	**Matrix:**	SOIL
% Solids:	82.90		

Analyte	Result	Qualifier	RL	Units	DF	Date Analyzed	Method
Cyanide	0.603	U J	0.603	mg/Kg	1	11/15/04	9012 Cyanide

Comment

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	Lightship Engineering (Env.&Land Use Consı	Date Collected:	11/22/2004
Project:	National Grid Schenectady Site	Date Received:	11/23/2004
Client Sample ID:	LE-MW4	SDG No.:	S5869
Lab Sample ID:	S5869-01	Matrix:	WATER
Analytical Method:	8260	% Moisture:	100
Sample Wt/Vol:	5.0 Units: mL	Soil Extract Vol:	uL
Soil Aliquot Vol:	mL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VD112938.D	1	11/30/2004	VD111804

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.33	U	5.0	0.33	ug/L
74-87-3	Chloromethane	0.68	U	5.0	0.68	ug/L
75-01-4	Vinyl chloride	0.27	U	5.0	0.27	ug/L
74-83-9	Bromomethane	0.78	U	5.0	0.78	ug/L
75-00-3	Chloroethane	0.88	U	5.0	0.88	ug/L
75-69-4	Trichlorofluoromethane	0.58	U	5.0	0.58	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.69	U	5.0	0.69	ug/L
75-35-4	1,1-Dichloroethene	0.32	U	5.0	0.32	ug/L
67-64-1	Acetone	3.3	U	25	3.3	ug/L
75-15-0	Carbon disulfide	0.39	U J	5.0	0.39	ug/L
1634-04-4	Methyl tert-butyl Ether	0.36	U	5.0	0.36	ug/L
79-20-9	Methyl Acetate	0.83	U	5.0	0.83	ug/L
75-09-2	Methylene Chloride	0.62	U	5.0	0.62	ug/L
156-60-5	trans-1,2-Dichloroethene	0.51	U	5.0	0.51	ug/L
75-34-3	1,1-Dichloroethane	0.22	U	5.0	0.22	ug/L
110-82-7	Cyclohexane	0.37	U	5.0	0.37	ug/L
78-93-3	2-Butanone	2.8	U	25	2.8	ug/L
56-23-5	Carbon Tetrachloride	0.47	U	5.0	0.47	ug/L
156-59-2	cis-1,2-Dichloroethene	0.77	U	5.0	0.77	ug/L
67-66-3	Chloroform	0.58	U	5.0	0.58	ug/L
71-55-6	1,1,1-Trichloroethane	0.41	U	5.0	0.41	ug/L
108-87-2	Methylcyclohexane	0.58	U	5.0	0.58	ug/L
71-43-2	Benzene	4.7	J	5.0	0.24	ug/L
107-06-2	1,2-Dichloroethane	0.32	U	5.0	0.32	ug/L
79-01-6	Trichloroethene	0.67	U	5.0	0.67	ug/L
78-87-5	1,2-Dichloropropane	0.63	U	5.0	0.63	ug/L
75-27-4	Bromodichloromethane	0.35	U	5.0	0.35	ug/L
108-10-1	4-Methyl-2-Pentanone	1.3	U	25	1.3	ug/L
108-88-3	Toluene	0.57	J	5.0	0.39	ug/L
10061-02-6	t-1,3-Dichloropropene	0.42	U	5.0	0.42	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.15	U	5.0	0.15	ug/L
79-00-5	1,1,2-Trichloroethane	0.52	U	5.0	0.52	ug/L

U = Not Detected
RL = Reporting Limit
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E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	Lightship Engineering (Env.&Land Use Const	Date Collected:	11/22/2004
Project:	National Grid Schenectady Site	Date Received:	11/23/2004
Client Sample ID:	LE-MW4	SDG No.:	S5869
Lab Sample ID:	S5869-01	Matrix:	WATER
Analytical Method:	8260	% Moisture:	100
Sample Wt/Vol:	5.0 Units: mL	Soil Extract Vol:	uL
Soil Aliquot Vol:	mL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VD112938.D	1	11/30/2004	VD111804

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	0.66	U	25	0.66	ug/L
124-48-1	Dibromochloromethane	0.38	U	5.0	0.38	ug/L
106-93-4	1,2-Dibromoethane	0.63	U	5.0	0.63	ug/L
127-18-4	Tetrachloroethene	0.33	U	5.0	0.33	ug/L
108-90-7	Chlorobenzene	0.37	U	5.0	0.37	ug/L
100-41-4	Ethyl Benzene	0.41	U	5.0	0.41	ug/L
136777-61-2	m/p-Xylenes	0.96	U	5.0	0.96	ug/L
95-47-6	o-Xylene	0.37	U	5.0	0.37	ug/L
100-42-5	Styrene	0.34	U	5.0	0.34	ug/L
75-25-2	Bromoform	0.25	U	5.0	0.25	ug/L
98-82-8	Isopropylbenzene	0.33	U	5.0	0.33	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	5.0	0.50	ug/L
541-73-1	1,3-Dichlorobenzene	0.37	U	5.0	0.37	ug/L
106-46-7	1,4-Dichlorobenzene	0.39	U	5.0	0.39	ug/L
95-50-1	1,2-Dichlorobenzene	0.37	U	5.0	0.37	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.94	U	5.0	0.94	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.29	U	5.0	0.29	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	38.71	77 %	72 - 119		SPK: 50
1868-53-7	Dibromofluoromethane	47.63	95 %	85 - 115		SPK: 50
2037-26-5	Toluene-d8	52.53	105 %	81 - 120		SPK: 50
460-00-4	4-Bromofluorobenzene	58.32	117 %	76 - 119		SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	298379	3.96			
540-36-3	1,4-Difluorobenzene	511476	4.63			
3114-55-4	Chlorobenzene-d5	477326	7.85			
3855-82-1	1,4-Dichlorobenzene-d4	261061	10.03			

U = Not Detected
RL = Reporting Limit
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E = Value Exceeds Calibration Range

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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	Lightship Engineering (Env.&Land Use Consi	Date Collected:	11/22/2004
Project:	National Grid Schenectady Site	Date Received:	11/23/2004
Client Sample ID:	LE-MW2	SDG No.:	S5869
Lab Sample ID:	S5869-02	Matrix:	WATER
Analytical Method:	8260	% Moisture:	100
Sample Wt/Vol:	5.0 Units: mL	Soil Extract Vol:	uL
Soil Aliquot Vol:	mL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VD112717.D	1	11/27/2004	VD111804

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.33	U	5.0	0.33	ug/L
74-87-3	Chloromethane	0.68	U	5.0	0.68	ug/L
75-01-4	Vinyl chloride	0.27	U	5.0	0.27	ug/L
74-83-9	Bromomethane	0.78	U	5.0	0.78	ug/L
75-00-3	Chloroethane	0.88	U	5.0	0.88	ug/L
75-69-4	Trichlorofluoromethane	0.58	UJ	5.0	0.58	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.69	U	5.0	0.69	ug/L
75-35-4	1,1-Dichloroethene	0.32	U	5.0	0.32	ug/L
67-64-1	Acetone	3.3	U	25	3.3	ug/L
75-15-0	Carbon disulfide	0.39	UJ	5.0	0.39	ug/L
1634-04-4	Methyl tert-butyl Ether	0.36	U	5.0	0.36	ug/L
79-20-9	Methyl Acetate	0.83	U	5.0	0.83	ug/L
75-09-2	Methylene Chloride	0.62	U	5.0	0.62	ug/L
156-60-5	trans-1,2-Dichloroethene	0.51	U	5.0	0.51	ug/L
75-34-3	1,1-Dichloroethane	0.22	U	5.0	0.22	ug/L
110-82-7	Cyclohexane	0.37	U	5.0	0.37	ug/L
78-93-3	2-Butanone	2.8	U	25	2.8	ug/L
56-23-5	Carbon Tetrachloride	0.47	U	5.0	0.47	ug/L
156-59-2	cis-1,2-Dichloroethene	0.77	U	5.0	0.77	ug/L
67-66-3	Chloroform	0.58	U	5.0	0.58	ug/L
71-55-6	1,1,1-Trichloroethane	0.41	U	5.0	0.41	ug/L
108-87-2	Methylcyclohexane	0.58	U	5.0	0.58	ug/L
71-43-2	Benzene	0.24	U	5.0	0.24	ug/L
107-06-2	1,2-Dichloroethane	0.32	U	5.0	0.32	ug/L
79-01-6	Trichloroethene	0.67	U	5.0	0.67	ug/L
78-87-5	1,2-Dichloropropane	0.63	U	5.0	0.63	ug/L
75-27-4	Bromodichloromethane	0.35	U	5.0	0.35	ug/L
108-10-1	4-Methyl-2-Pentanone	1.3	U	25	1.3	ug/L
108-88-3	Toluene	0.39	U	5.0	0.39	ug/L
10061-02-6	t-1,3-Dichloropropene	0.42	U	5.0	0.42	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.15	U	5.0	0.15	ug/L
79-00-5	1,1,2-Trichloroethane	0.52	U	5.0	0.52	ug/L

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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	Lightship Engineering (Env.&Land Use Consı	Date Collected:	11/22/2004
Project:	National Grid Schenectady Site	Date Received:	11/23/2004
Client Sample ID:	LE-MW2	SDG No.:	S5869
Lab Sample ID:	S5869-02	Matrix:	WATER
Analytical Method:	8260	% Moisture:	100
Sample Wt/Vol:	5.0 Units: mL	Soil Extract Vol:	uL
Soil Aliquot Vol:	mL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VD112717.D	1	11/27/2004	VD111804

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	0.66	U	25	0.66	ug/L
124-48-1	Dibromochloromethane	0.38	U	5.0	0.38	ug/L
106-93-4	1,2-Dibromoethane	0.63	U	5.0	0.63	ug/L
127-18-4	Tetrachloroethene	0.33	U J	5.0	0.33	ug/L
108-90-7	Chlorobenzene	0.37	U	5.0	0.37	ug/L
100-41-4	Ethyl Benzene	0.41	U	5.0	0.41	ug/L
136777-61-2	m/p-Xylenes	0.96	U	5.0	0.96	ug/L
95-47-6	o-Xylene	0.37	U	5.0	0.37	ug/L
100-42-5	Styrene	0.34	U	5.0	0.34	ug/L
75-25-2	Bromoform	0.25	U	5.0	0.25	ug/L
98-82-8	Isopropylbenzene	0.33	U	5.0	0.33	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	5.0	0.50	ug/L
541-73-1	1,3-Dichlorobenzene	0.37	U	5.0	0.37	ug/L
106-46-7	1,4-Dichlorobenzene	0.39	U	5.0	0.39	ug/L
95-50-1	1,2-Dichlorobenzene	0.37	U	5.0	0.37	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.94	U	5.0	0.94	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.29	U	5.0	0.29	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	38.28	77 %	72 - 119		SPK: 50
1868-53-7	Dibromofluoromethane	49.17	98 %	85 - 115		SPK: 50
2037-26-5	Toluene-d8	52.23	104 %	81 - 120		SPK: 50
460-00-4	4-Bromofluorobenzene	55.55	111 %	76 - 119		SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	279905	3.96			
540-36-3	1,4-Difluorobenzene	469861	4.63			
3114-55-4	Chlorobenzene-d5	433510	7.86			
3855-82-1	1,4-Dichlorobenzene-d4	237560	10.03			

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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	Lightship Engineering (Env.&Land Use Consi	Date Collected:	11/22/2004
Project:	National Grid Schenectady Site	Date Received:	11/23/2004
Client Sample ID:	LE-MW3	SDG No.:	S5869
Lab Sample ID:	S5869-03	Matrix:	WATER
Analytical Method:	8260	% Moisture:	100
Sample Wt/Vol:	5.0 Units: mL	Soil Extract Vol:	uL
Soil Aliquot Vol:	mL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VD112718.D	1	11/27/2004	VD111804

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.33	U	5.0	0.33	ug/L
74-87-3	Chloromethane	0.68	U	5.0	0.68	ug/L
75-01-4	Vinyl chloride	0.27	U	5.0	0.27	ug/L
74-83-9	Bromomethane	0.78	U	5.0	0.78	ug/L
75-00-3	Chloroethane	0.88	U	5.0	0.88	ug/L
75-69-4	Trichlorofluoromethane	0.58	U J	5.0	0.58	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.69	U	5.0	0.69	ug/L
75-35-4	1,1-Dichloroethene	0.32	U	5.0	0.32	ug/L
67-64-1	Acetone	3.3	U	25	3.3	ug/L
75-15-0	Carbon disulfide	0.39	U J	5.0	0.39	ug/L
1634-04-4	Methyl tert-butyl Ether	0.36	U	5.0	0.36	ug/L
79-20-9	Methyl Acetate	0.83	U	5.0	0.83	ug/L
75-09-2	Methylene Chloride	0.62	U	5.0	0.62	ug/L
156-60-5	trans-1,2-Dichloroethene	0.51	U	5.0	0.51	ug/L
75-34-3	1,1-Dichloroethane	0.22	U	5.0	0.22	ug/L
110-82-7	Cyclohexane	0.37	U	5.0	0.37	ug/L
78-93-3	2-Butanone	2.8	U	25	2.8	ug/L
56-23-5	Carbon Tetrachloride	0.47	U	5.0	0.47	ug/L
156-59-2	cis-1,2-Dichloroethene	0.77	U	5.0	0.77	ug/L
67-66-3	Chloroform	0.58	U	5.0	0.58	ug/L
71-55-6	1,1,1-Trichloroethane	0.41	U	5.0	0.41	ug/L
108-87-2	Methylcyclohexane	0.58	U	5.0	0.58	ug/L
71-43-2	Benzene	0.24	U	5.0	0.24	ug/L
107-06-2	1,2-Dichloroethane	0.32	U	5.0	0.32	ug/L
79-01-6	Trichloroethene	0.67	U	5.0	0.67	ug/L
78-87-5	1,2-Dichloropropane	0.63	U	5.0	0.63	ug/L
75-27-4	Bromodichloromethane	0.35	U	5.0	0.35	ug/L
108-10-1	4-Methyl-2-Pentanone	1.3	U	25	1.3	ug/L
108-88-3	Toluene	0.39	U	5.0	0.39	ug/L
10061-02-6	t-1,3-Dichloropropene	0.42	U	5.0	0.42	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.15	U	5.0	0.15	ug/L
79-00-5	1,1,2-Trichloroethane	0.52	U	5.0	0.52	ug/L

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	Lightship Engineering (Env.&Land Use Const	Date Collected:	11/22/2004
Project:	National Grid Schenectady Site	Date Received:	11/23/2004
Client Sample ID:	LE-MW3	SDG No.:	S5869
Lab Sample ID:	S5869-03	Matrix:	WATER
Analytical Method:	8260	% Moisture:	100
Sample Wt/Vol:	5.0 Units: mL	Soil Extract Vol:	uL
Soil Aliquot Vol:	mL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VD112718.D	1	11/27/2004	VD111804

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	0.66	U	25	0.66	ug/L
124-48-1	Dibromochloromethane	0.38	U	5.0	0.38	ug/L
106-93-4	1,2-Dibromoethane	0.63	U	5.0	0.63	ug/L
127-18-4	Tetrachloroethene	0.33	U J	5.0	0.33	ug/L
108-90-7	Chlorobenzene	0.37	U	5.0	0.37	ug/L
100-41-4	Ethyl Benzene	0.41	U	5.0	0.41	ug/L
136777-61-2	m/p-Xylenes	0.96	U	5.0	0.96	ug/L
95-47-6	o-Xylene	0.37	U	5.0	0.37	ug/L
100-42-5	Styrene	0.34	U	5.0	0.34	ug/L
75-25-2	Bromoform	0.25	U	5.0	0.25	ug/L
98-82-8	Isopropylbenzene	0.33	U	5.0	0.33	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	5.0	0.50	ug/L
541-73-1	1,3-Dichlorobenzene	0.37	U	5.0	0.37	ug/L
106-46-7	1,4-Dichlorobenzene	0.39	U	5.0	0.39	ug/L
95-50-1	1,2-Dichlorobenzene	0.37	U	5.0	0.37	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.94	U	5.0	0.94	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.29	U	5.0	0.29	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	38.57	77 %	72 - 119		SPK: 50
1868-53-7	Dibromofluoromethane	49.36	99 %	85 - 115		SPK: 50
2037-26-5	Toluene-d8	51.41	103 %	81 - 120		SPK: 50
460-00-4	4-Bromofluorobenzene	55.75	112 %	76 - 119		SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	276644	3.96			
540-36-3	1,4-Difluorobenzene	464149	4.63			
3114-55-4	Chlorobenzene-d5	419464	7.86			
3855-82-1	1,4-Dichlorobenzene-d4	229650	10.03			
TENTITIVE IDENTIFIED COMPOUNDS						
18636550	1H-Indene, 1,1-dimethyl-	9.4	NJ	12.12		ug/L
2717444	Naphthalene, 1,2-dihydro-3-methyl-	9.6	NJ	12.22		ug/L

U = Not Detected
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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	Lightship Engineering (Env.&Land Use Consi	Date Collected:	11/22/2004
Project:	National Grid Schenectady Site	Date Received:	11/23/2004
Client Sample ID:	LE-QA/QC-500	SDG No.:	S5869
Lab Sample ID:	S5869-04	Matrix:	WATER
Analytical Method:	8260	% Moisture:	100
Sample Wt/Vol:	5.0 Units: mL	Soil Extract Vol.:	uL
Soil Aliquot Vol:	mL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VD112942.D	1	11/30/2004	VD111804

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.33	U	5.0	0.33	ug/L
74-87-3	Chloromethane	0.68	U	5.0	0.68	ug/L
75-01-4	Vinyl chloride	0.27	U	5.0	0.27	ug/L
74-83-9	Bromomethane	0.78	U	5.0	0.78	ug/L
75-00-3	Chloroethane	0.88	U	5.0	0.88	ug/L
75-69-4	Trichlorofluoromethane	0.58	UJ	5.0	0.58	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.69	U	5.0	0.69	ug/L
75-35-4	1,1-Dichloroethene	0.32	U	5.0	0.32	ug/L
67-64-1	Acetone	3.3	U	25	3.3	ug/L
75-15-0	Carbon disulfide	0.39	U	5.0	0.39	ug/L
1634-04-4	Methyl tert-butyl Ether	0.36	U	5.0	0.36	ug/L
79-20-9	Methyl Acetate	0.83	U	5.0	0.83	ug/L
75-09-2	Methylene Chloride	0.62	U	5.0	0.62	ug/L
156-60-5	trans-1,2-Dichloroethene	0.51	U	5.0	0.51	ug/L
75-34-3	1,1-Dichloroethane	0.22	U	5.0	0.22	ug/L
110-82-7	Cyclohexane	0.37	U	5.0	0.37	ug/L
78-93-3	2-Butanone	2.8	U	25	2.8	ug/L
56-23-5	Carbon Tetrachloride	0.47	U	5.0	0.47	ug/L
156-59-2	cis-1,2-Dichloroethene	0.77	U	5.0	0.77	ug/L
67-66-3	Chloroform	0.58	U	5.0	0.58	ug/L
71-55-6	1,1,1-Trichloroethane	0.41	U	5.0	0.41	ug/L
108-87-2	Methylcyclohexane	0.58	U	5.0	0.58	ug/L
71-43-2	Benzene	0.24	U	5.0	0.24	ug/L
107-06-2	1,2-Dichloroethane	0.32	U	5.0	0.32	ug/L
79-01-6	Trichloroethene	0.67	U	5.0	0.67	ug/L
78-87-5	1,2-Dichloropropane	0.63	U	5.0	0.63	ug/L
75-27-4	Bromodichloromethane	0.35	U	5.0	0.35	ug/L
108-10-1	4-Methyl-2-Pentanone	1.3	U	25	1.3	ug/L
108-88-3	Toluene	0.39	U	5.0	0.39	ug/L
10061-02-6	t-1,3-Dichloropropene	0.42	U	5.0	0.42	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.15	U	5.0	0.15	ug/L
79-00-5	1,1,2-Trichloroethane	0.52	U	5.0	0.52	ug/L

U = Not Detected
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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	Lightship Engineering (Env.&Land Use Consi	Date Collected:	11/22/2004
Project:	National Grid Schenectady Site	Date Received:	11/23/2004
Client Sample ID:	LE-QA/QC-500	SDG No.:	S5869
Lab Sample ID:	S5869-04	Matrix:	WATER
Analytical Method:	8260	% Moisture:	100
Sample Wt/Vol:	5.0 Units: mL	Soil Extract Vol:	uL
Soil Aliquot Vol:	mL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VD112942.D	1	11/30/2004	VD111804

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	0.66	U	25	0.66	ug/L
124-48-1	Dibromochloromethane	0.38	U	5.0	0.38	ug/L
106-93-4	1,2-Dibromoethane	0.63	U	5.0	0.63	ug/L
127-18-4	Tetrachloroethene	0.33	U J	5.0	0.33	ug/L
108-90-7	Chlorobenzene	0.37	U	5.0	0.37	ug/L
100-41-4	Ethyl Benzene	0.41	U	5.0	0.41	ug/L
136777-61-2	m/p-Xylenes	0.96	U	5.0	0.96	ug/L
95-47-6	o-Xylene	0.37	U	5.0	0.37	ug/L
100-42-5	Styrene	0.34	U	5.0	0.34	ug/L
75-25-2	Bromoform	0.25	U	5.0	0.25	ug/L
98-82-8	Isopropylbenzene	0.33	U	5.0	0.33	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	5.0	0.50	ug/L
541-73-1	1,3-Dichlorobenzene	0.37	U	5.0	0.37	ug/L
106-46-7	1,4-Dichlorobenzene	0.39	U	5.0	0.39	ug/L
95-50-1	1,2-Dichlorobenzene	0.37	U	5.0	0.37	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.94	U	5.0	0.94	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.29	U	5.0	0.29	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	38.8	78 %	72 - 119		SPK: 50
1868-53-7	Dibromofluoromethane	48.79	98 %	85 - 115		SPK: 50
2037-26-5	Toluene-d8	51.46	103 %	81 - 120		SPK: 50
460-00-4	4-Bromofluorobenzene	57.73	115 %	76 - 119		SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	288147	3.96			
540-36-3	1,4-Difluorobenzene	504118	4.62			
3114-55-4	Chlorobenzene-d5	466346	7.85			
3855-82-1	1,4-Dichlorobenzene-d4	254488	10.02			
TENTITIVE IDENTIFIED COMPOUNDS						
99876	Benzene, 1-methyl-4-(1-methylethyl)-	7.6	N J	11.24		ug/L
91203	Naphthalene	8.8	J	11.73		ug/L
91576	Naphthalene, 2-methyl-	30	N J	12.57		ug/L
90120	Naphthalene, 1-methyl-	79	N J	12.73		ug/L

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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	Lightship Engineering (Env.&Land Use Consi	Date Collected:	11/22/2004
Project:	National Grid Schenectady Site	Date Received:	11/23/2004
Client Sample ID:	LE-QA/QC-500	SDG No.:	S5869
Lab Sample ID:	S5869-04	Matrix:	WATER
Analytical Method:	8260	% Moisture:	100
Sample Wt/Vol:	5.0 Units: mL	Soil Extract Vol:	uL
Soil Aliquot Vol:	mL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VD112942.D	1	11/30/2004	VD111804

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
92524	Biphenyl	12	J	13.19		ug/L
939275	Naphthalene, 2-ethyl-	7.6	J	13.42		ug/L
581420	Naphthalene, 2,6-dimethyl-	22	J	13.51		ug/L
581408	Naphthalene, 2,3-dimethyl-	47	J	13.66		ug/L
575417	Naphthalene, 1,3-dimethyl-	16	J	13.93		ug/L

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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	Lightship Engineering (Env.&Land Use Consı	Date Collected:	11/22/2004
Project:	National Grid Schenectady Site	Date Received:	11/23/2004
Client Sample ID:	TRIPBLANK	SDG No.:	S5869
Lab Sample ID:	S5869-07	Matrix:	WATER
Analytical Method:	8260	% Moisture:	100
Sample Wt/Vol:	5.0 Units: mL	Soil Extract Vol:	uL
Soil Aliquot Vol:	mL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VD112716.D	1	11/27/2004	VD111804

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.33	U	5.0	0.33	ug/L
74-87-3	Chloromethane	0.68	U	5.0	0.68	ug/L
75-01-4	Vinyl chloride	0.27	U	5.0	0.27	ug/L
74-83-9	Bromomethane	0.78	U	5.0	0.78	ug/L
75-00-3	Chloroethane	0.88	U	5.0	0.88	ug/L
75-69-4	Trichlorofluoromethane	0.58	UJ	5.0	0.58	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.69	U	5.0	0.69	ug/L
75-35-4	1,1-Dichloroethene	0.32	U	5.0	0.32	ug/L
67-64-1	Acetone	3.3	U	25	3.3	ug/L
75-15-0	Carbon disulfide	0.39	U	5.0	0.39	ug/L
1634-04-4	Methyl tert-butyl Ether	0.36	U	5.0	0.36	ug/L
79-20-9	Methyl Acetate	0.83	U	5.0	0.83	ug/L
75-09-2	Methylene Chloride	0.62	U	5.0	0.62	ug/L
156-60-5	trans-1,2-Dichloroethene	0.51	U	5.0	0.51	ug/L
75-34-3	1,1-Dichloroethane	0.22	U	5.0	0.22	ug/L
110-82-7	Cyclohexane	0.37	U	5.0	0.37	ug/L
78-93-3	2-Butanone	2.8	U	25	2.8	ug/L
56-23-5	Carbon Tetrachloride	0.47	U	5.0	0.47	ug/L
156-59-2	cis-1,2-Dichloroethene	0.77	U	5.0	0.77	ug/L
67-66-3	Chloroform	0.58	U	5.0	0.58	ug/L
71-55-6	1,1,1-Trichloroethane	0.41	U	5.0	0.41	ug/L
108-87-2	Methylcyclohexane	0.58	U	5.0	0.58	ug/L
71-43-2	Benzene	0.24	U	5.0	0.24	ug/L
107-06-2	1,2-Dichloroethane	0.32	U	5.0	0.32	ug/L
79-01-6	Trichloroethene	0.67	U	5.0	0.67	ug/L
78-87-5	1,2-Dichloropropane	0.63	U	5.0	0.63	ug/L
75-27-4	Bromodichloromethane	0.35	U	5.0	0.35	ug/L
108-10-1	4-Methyl-2-Pentanone	1.3	U	25	1.3	ug/L
108-88-3	Toluene	0.39	U	5.0	0.39	ug/L
10061-02-6	t-1,3-Dichloropropene	0.42	U	5.0	0.42	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.15	U	5.0	0.15	ug/L
79-00-5	1,1,2-Trichloroethane	0.52	U	5.0	0.52	ug/L

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E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	Lightship Engineering (Env.&Land Use Consi	Date Collected:	11/22/2004
Project:	National Grid Schenectady Site	Date Received:	11/23/2004
Client Sample ID:	TRIPBLANK	SDG No.:	S5869
Lab Sample ID:	S5869-07	Matrix:	WATER
Analytical Method:	8260	% Moisture:	100
Sample Wt/Vol:	5.0 Units: mL	Soil Extract Vol:	uL
Soil Aliquot Vol:	mL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VD112716.D	1	11/27/2004	VD111804

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	0.66	U	25	0.66	ug/L
124-48-1	Dibromochloromethane	0.38	U	5.0	0.38	ug/L
106-93-4	1,2-Dibromoethane	0.63	U	5.0	0.63	ug/L
127-18-4	Tetrachloroethene	0.33	UJ	5.0	0.33	ug/L
108-90-7	Chlorobenzene	0.37	U	5.0	0.37	ug/L
100-41-4	Ethyl Benzene	0.41	U	5.0	0.41	ug/L
136777-61-2	m/p-Xylenes	0.96	U	5.0	0.96	ug/L
95-47-6	o-Xylene	0.37	U	5.0	0.37	ug/L
100-42-5	Styrene	0.34	U	5.0	0.34	ug/L
75-25-2	Bromoform	0.25	U	5.0	0.25	ug/L
98-82-8	Isopropylbenzene	0.33	U	5.0	0.33	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	5.0	0.50	ug/L
541-73-1	1,3-Dichlorobenzene	0.37	U	5.0	0.37	ug/L
106-46-7	1,4-Dichlorobenzene	0.39	U	5.0	0.39	ug/L
95-50-1	1,2-Dichlorobenzene	0.37	U	5.0	0.37	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.94	U	5.0	0.94	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.29	U	5.0	0.29	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	39.97	80 %	72 - 119		SPK: 50
1868-53-7	Dibromofluoromethane	48.45	97 %	85 - 115		SPK: 50
2037-26-5	Toluene-d8	53.35	107 %	81 - 120		SPK: 50
460-00-4	4-Bromofluorobenzene	58.22	116 %	76 - 119		SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	286140	3.96			
540-36-3	1,4-Difluorobenzene	483939	4.63			
3114-55-4	Chlorobenzene-d5	456711	7.86			
3855-82-1	1,4-Dichlorobenzene-d4	235885	10.03			
TENTITIVE IDENTIFIED COMPOUNDS						
575417	Naphthalene, 1,3-dimethyl-	6.1	NJ	13.68		ug/L

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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	Lightship Engineering (Env.&Land Use Consi	Date Collected:	11/22/2004
Project:	National Grid Schenectady Site	Date Received:	11/23/2004
Client Sample ID:	LEQA/QC-300	SDG No.:	S5869
Lab Sample ID:	S5869-08	Matrix:	WATER
Analytical Method:	8260	% Moisture:	100
Sample Wt/Vol:	5.0 Units: mL	Soil Extract Vol:	uL
Soil Aliquot Vol:	mL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VD112943.D	1	11/30/2004	VD111804

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.33	U	5.0	0.33	ug/L
74-87-3	Chloromethane	0.68	U	5.0	0.68	ug/L
75-01-4	Vinyl chloride	0.27	U	5.0	0.27	ug/L
74-83-9	Bromomethane	0.78	U	5.0	0.78	ug/L
75-00-3	Chloroethane	0.88	U	5.0	0.88	ug/L
75-69-4	Trichlorofluoromethane	0.58	U J	5.0	0.58	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.69	U	5.0	0.69	ug/L
75-35-4	1,1-Dichloroethene	0.32	U	5.0	0.32	ug/L
67-64-1	Acetone	3.3	U	25	3.3	ug/L
75-15-0	Carbon disulfide	0.39	U	5.0	0.39	ug/L
1634-04-4	Methyl tert-butyl Ether	0.36	U	5.0	0.36	ug/L
79-20-9	Methyl Acetate	0.83	U	5.0	0.83	ug/L
75-09-2	Methylene Chloride	0.62	U	5.0	0.62	ug/L
156-60-5	trans-1,2-Dichloroethene	0.51	U	5.0	0.51	ug/L
75-34-3	1,1-Dichloroethane	0.22	U	5.0	0.22	ug/L
110-82-7	Cyclohexane	0.37	U	5.0	0.37	ug/L
78-93-3	2-Butanone	2.8	U	25	2.8	ug/L
56-23-5	Carbon Tetrachloride	0.47	U	5.0	0.47	ug/L
156-59-2	cis-1,2-Dichloroethene	0.77	U	5.0	0.77	ug/L
67-66-3	Chloroform	0.58	U	5.0	0.58	ug/L
71-55-6	1,1,1-Trichloroethane	0.41	U	5.0	0.41	ug/L
108-87-2	Methylcyclohexane	0.58	U	5.0	0.58	ug/L
71-43-2	Benzene	0.24	U	5.0	0.24	ug/L
107-06-2	1,2-Dichloroethane	0.32	U	5.0	0.32	ug/L
79-01-6	Trichloroethene	0.67	U	5.0	0.67	ug/L
78-87-5	1,2-Dichloropropane	0.63	U	5.0	0.63	ug/L
75-27-4	Bromodichloromethane	0.35	U	5.0	0.35	ug/L
108-10-1	4-Methyl-2-Pentanone	1.3	U	25	1.3	ug/L
108-88-3	Toluene	0.39	U	5.0	0.39	ug/L
10061-02-6	t-1,3-Dichloropropene	0.42	U	5.0	0.42	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.15	U	5.0	0.15	ug/L
79-00-5	1,1,2-Trichloroethane	0.52	U	5.0	0.52	ug/L

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range
J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	Lightship Engineering (Env.&Land Use Consı	Date Collected:	11/22/2004
Project:	National Grid Schenectady Site	Date Received:	11/23/2004
Client Sample ID:	LEQA/QC-300	SDG No.:	S5869
Lab Sample ID:	S5869-08	Matrix:	WATER
Analytical Method:	8260	% Moisture:	100
Sample Wt/Vol:	5.0 Units: mL	Soil Extract Vol:	uL
Soil Aliquot Vol:	mL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VD112943.D	1	11/30/2004	VD111804

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	0.66	U	25	0.66	ug/L
124-48-1	Dibromochloromethane	0.38	U	5.0	0.38	ug/L
106-93-4	1,2-Dibromoethane	0.63	U	5.0	0.63	ug/L
127-18-4	Tetrachloroethene	0.33	U J	5.0	0.33	ug/L
108-90-7	Chlorobenzene	0.37	U	5.0	0.37	ug/L
100-41-4	Ethyl Benzene	0.41	U	5.0	0.41	ug/L
136777-61-2	m/p-Xylenes	0.96	U	5.0	0.96	ug/L
95-47-6	o-Xylene	0.37	U	5.0	0.37	ug/L
100-42-5	Styrene	0.34	U	5.0	0.34	ug/L
75-25-2	Bromoform	0.25	U	5.0	0.25	ug/L
98-82-8	Isopropylbenzene	0.33	U	5.0	0.33	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	5.0	0.50	ug/L
541-73-1	1,3-Dichlorobenzene	0.37	U	5.0	0.37	ug/L
106-46-7	1,4-Dichlorobenzene	0.39	U	5.0	0.39	ug/L
95-50-1	1,2-Dichlorobenzene	0.37	U	5.0	0.37	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.94	U	5.0	0.94	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.29	U	5.0	0.29	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	38.25	76 %	72 - 119		SPK: 50
1868-53-7	Dibromofluoromethane	49.09	98 %	85 - 115		SPK: 50
2037-26-5	Toluene-d8	53.08	106 %	81 - 120		SPK: 50
460-00-4	4-Bromofluorobenzene	58.45	117 %	76 - 119		SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	288090	3.96			
540-36-3	1,4-Difluorobenzene	500467	4.63			
3114-55-4	Chlorobenzene-d5	463383	7.85			
3855-82-1	1,4-Dichlorobenzene-d4	252178	10.03			

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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	Lightship Engineering (Env.&Land Use Consi	Date Collected:	11/22/2004
Project:	National Grid Schenectady Site	Date Received:	11/23/2004
Client Sample ID:	LEQA/QC-301	SDG No.:	S5869
Lab Sample ID:	S5869-09	Matrix:	WATER
Analytical Method:	8260	% Moisture:	100
Sample Wt/Vol:	5.0 Units: mL	Soil Extract Vol:	uL
Soil Aliquot Vol:	mL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VD112944.D	1	11/30/2004	VD111804

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.33	U	5.0	0.33	ug/L
74-87-3	Chloromethane	0.68	U	5.0	0.68	ug/L
75-01-4	Vinyl chloride	0.27	U	5.0	0.27	ug/L
74-83-9	Bromomethane	0.78	U	5.0	0.78	ug/L
75-00-3	Chloroethane	0.88	U	5.0	0.88	ug/L
75-69-4	Trichlorofluoromethane	0.58	U J	5.0	0.58	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.69	U	5.0	0.69	ug/L
75-35-4	1,1-Dichloroethene	0.32	U	5.0	0.32	ug/L
67-64-1	Acetone	3.3	U	25	3.3	ug/L
75-15-0	Carbon disulfide	0.39	U	5.0	0.39	ug/L
1634-04-4	Methyl tert-butyl Ether	0.36	U	5.0	0.36	ug/L
79-20-9	Methyl Acetate	0.83	U	5.0	0.83	ug/L
75-09-2	Methylene Chloride	0.62	U	5.0	0.62	ug/L
156-60-5	trans-1,2-Dichloroethene	0.51	U	5.0	0.51	ug/L
75-34-3	1,1-Dichloroethane	0.22	U	5.0	0.22	ug/L
110-82-7	Cyclohexane	0.37	U	5.0	0.37	ug/L
78-93-3	2-Butanone	2.8	U	25	2.8	ug/L
56-23-5	Carbon Tetrachloride	0.47	U	5.0	0.47	ug/L
156-59-2	cis-1,2-Dichloroethene	0.77	U	5.0	0.77	ug/L
67-66-3	Chloroform	0.58	U	5.0	0.58	ug/L
71-55-6	1,1,1-Trichloroethane	0.41	U	5.0	0.41	ug/L
108-87-2	Methylcyclohexane	0.58	U	5.0	0.58	ug/L
71-43-2	Benzene	0.24	U	5.0	0.24	ug/L
107-06-2	1,2-Dichloroethane	0.32	U	5.0	0.32	ug/L
79-01-6	Trichloroethene	0.67	U	5.0	0.67	ug/L
78-87-5	1,2-Dichloropropane	0.63	U	5.0	0.63	ug/L
75-27-4	Bromodichloromethane	0.35	U	5.0	0.35	ug/L
108-10-1	4-Methyl-2-Pentanone	1.3	U	25	1.3	ug/L
108-88-3	Toluene	0.39	U	5.0	0.39	ug/L
10061-02-6	t-1,3-Dichloropropene	0.42	U	5.0	0.42	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.15	U	5.0	0.15	ug/L
79-00-5	1,1,2-Trichloroethane	0.52	U	5.0	0.52	ug/L

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RL = Reporting Limit
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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	Lightship Engineering (Env.&Land Use Const	Date Collected:	11/22/2004
Project:	National Grid Schenectady Site	Date Received:	11/23/2004
Client Sample ID:	LEQA/QC-301	SDG No.:	S5869
Lab Sample ID:	S5869-09	Matrix:	WATER
Analytical Method:	8260	% Moisture:	100
Sample Wt/Vol:	5.0 Units: mL	Soil Extract Vol:	uL
Soil Aliquot Vol:	mL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VD112944.D	1	11/30/2004	VD111804

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	0.66	U	25	0.66	ug/L
124-48-1	Dibromochloromethane	0.38	U	5.0	0.38	ug/L
106-93-4	1,2-Dibromoethane	0.63	U	5.0	0.63	ug/L
127-18-4	Tetrachloroethene	0.33	U J	5.0	0.33	ug/L
108-90-7	Chlorobenzene	0.37	U	5.0	0.37	ug/L
100-41-4	Ethyl Benzene	0.41	U	5.0	0.41	ug/L
136777-61-2	m/p-Xylenes	0.96	U	5.0	0.96	ug/L
95-47-6	o-Xylene	0.37	U	5.0	0.37	ug/L
100-42-5	Styrene	0.34	U	5.0	0.34	ug/L
75-25-2	Bromoform	0.25	U	5.0	0.25	ug/L
98-82-8	Isopropylbenzene	0.33	U	5.0	0.33	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	5.0	0.50	ug/L
541-73-1	1,3-Dichlorobenzene	0.37	U	5.0	0.37	ug/L
106-46-7	1,4-Dichlorobenzene	0.39	U	5.0	0.39	ug/L
95-50-1	1,2-Dichlorobenzene	0.37	U	5.0	0.37	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.94	U	5.0	0.94	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.29	U	5.0	0.29	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	38.49	77 %	72 - 119		SPK: 50
1868-53-7	Dibromofluoromethane	48.59	97 %	85 - 115		SPK: 50
2037-26-5	Toluene-d8	50.58	101 %	81 - 120		SPK: 50
460-00-4	4-Bromofluorobenzene	56.56	113 %	76 - 119		SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	284742	3.96			
540-36-3	1,4-Difluorobenzene	505431	4.62			
3114-55-4	Chlorobenzene-d5	452171	7.85			
3855-82-1	1,4-Dichlorobenzene-d4	243467	10.03			

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound

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Report of Analysis

Client:	Lightship Engineering (Env.&Land Use Const	Date Collected:	11/22/2004
Project:	National Grid Schenec	Date Received:	11/23/2004
Client Sample ID:	LE-MW4	SDG No.:	S5869
Lab Sample ID:	S5869-01	Matrix:	WATER
		% Solids:	0.00

CAS No.	Analyte	Conc.	Qualifier	Units	DL	Dilution	Date Prep	Date Anal.	Method
7429-90-5	Aluminum	180	U	ug/L	180	1	11/27/2004	11/29/2004	EPA SW-846 6010
7440-36-0	Antimony	6.600	U	ug/L	6.600	1	11/27/2004	11/29/2004	EPA SW-846 6010
7440-38-2	Arsenic	8.360	J	ug/L	4.840	1	11/27/2004	11/29/2004	EPA SW-846 6010
7440-39-3	Barium	86.1	J	ug/L	11.0	1	11/27/2004	11/29/2004	EPA SW-846 6010
7440-41-7	Beryllium	1.060	U	ug/L	1.060	1	11/27/2004	11/29/2004	EPA SW-846 6010
7440-43-9	Cadmium	0.994	U	ug/L	0.994	1	11/27/2004	11/29/2004	EPA SW-846 6010
7440-70-2	Calcium	129000		ug/L	1740	1	11/27/2004	11/29/2004	EPA SW-846 6010
7440-47-3	Chromium	1.220	U	ug/L	1.220	1	11/27/2004	11/29/2004	EPA SW-846 6010
7440-48-4	Cobalt	2.380	U	ug/L	2.380	1	11/27/2004	11/29/2004	EPA SW-846 6010
7440-50-8	Copper	3.420	J U	ug/L	0.739	1	11/27/2004	11/29/2004	EPA SW-846 6010
7439-89-6	Iron	2270	N J	ug/L	29.0	1	11/27/2004	11/29/2004	EPA SW-846 6010
7439-92-1	Lead	1.790	U	ug/L	1.790	1	11/27/2004	11/29/2004	EPA SW-846 6010
7439-95-4	Magnesium	22800		ug/L	254	1	11/27/2004	11/29/2004	EPA SW-846 6010
7439-96-5	Manganese	327	N	ug/L	0.195	1	11/27/2004	11/29/2004	EPA SW-846 6010
7439-97-6	Mercury	0.0300	U	ug/L	0.030	1	11/30/2004	11/30/2004	EPA SW-846 7470
7440-02-0	Nickel	5.550	U	ug/L	5.550	1	11/27/2004	11/29/2004	EPA SW-846 6010
7440-09-7	Potassium	40900	J	ug/L	51.0	1	11/27/2004	11/29/2004	EPA SW-846 6010
7782-49-2	Selenium	5.240	U	ug/L	5.240	1	11/27/2004	11/29/2004	EPA SW-846 6010
7440-22-4	Silver	3.380	U	ug/L	3.380	1	11/27/2004	11/29/2004	EPA SW-846 6010
7440-23-5	Sodium	1540000		ug/L	189	1	11/27/2004	11/29/2004	EPA SW-846 6010
7440-28-0	Thallium	5.780	U	ug/L	5.780	1	11/27/2004	11/29/2004	EPA SW-846 6010
7440-62-2	Vanadium	7.950	J	ug/L	1.860	1	11/27/2004	11/29/2004	EPA SW-846 6010
7440-66-6	Zinc	35.8	U	ug/L	8.110	1	11/27/2004	11/29/2004	EPA SW-846 6010

Comments:

U = Not Detected
DL = Method Detection Limit or Instrument Detection Limit

J = Estimated Value
B = Analyte Found In Associated Method Blank
N = Presumptive Evidence of a Compound

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Report of Analysis

Client:	Lightship Engineering (Env.&Land Use Consi	Date Collected:	11/22/2004
Project:	National Grid Schenec	Date Received:	11/23/2004
Client Sample ID:	LE-MW2	SDG No.:	S5869
Lab Sample ID:	S5869-02	Matrix:	WATER
		% Solids:	0.00

CAS No.	Analyte	Conc.	Qualifier	Units	DL	Dilution	Date Prep	Date Anal.	Method
7429-90-5	Aluminum	180	U	ug/L	180	1	11/27/2004	11/29/2004	EPA SW-846 6010
7440-36-0	Antimony	6.600	U	ug/L	6.600	1	11/27/2004	11/29/2004	EPA SW-846 6010
7440-38-2	Arsenic	4.840	U	ug/L	4.840	1	11/27/2004	11/29/2004	EPA SW-846 6010
7440-39-3	Barium	28.8	J	ug/L	11.0	1	11/27/2004	11/29/2004	EPA SW-846 6010
7440-41-7	Beryllium	1.060	U	ug/L	1.060	1	11/27/2004	11/29/2004	EPA SW-846 6010
7440-43-9	Cadmium	0.994	U	ug/L	0.994	1	11/27/2004	11/29/2004	EPA SW-846 6010
7440-70-2	Calcium	168000		ug/L	1740	1	11/27/2004	11/29/2004	EPA SW-846 6010
7440-47-3	Chromium	1.220	U	ug/L	1.220	1	11/27/2004	11/29/2004	EPA SW-846 6010
7440-48-4	Cobalt	2.380	U	ug/L	2.380	1	11/27/2004	11/29/2004	EPA SW-846 6010
7440-50-8	Copper	7.740	J U	ug/L	0.739	1	11/27/2004	11/29/2004	EPA SW-846 6010
7439-89-6	Iron	29.0	U N J	ug/L	29.0	1	11/27/2004	11/29/2004	EPA SW-846 6010
7439-92-1	Lead	1.790	U	ug/L	1.790	1	11/27/2004	11/29/2004	EPA SW-846 6010
7439-95-4	Magnesium	23500		ug/L	254	1	11/27/2004	11/29/2004	EPA SW-846 6010
7439-96-5	Manganese	163	N	ug/L	0.195	1	11/27/2004	11/29/2004	EPA SW-846 6010
7439-97-6	Mercury	0.0300	U	ug/L	0.030	1	11/30/2004	11/30/2004	EPA SW-846 7470
7440-02-0	Nickel	5.550	U	ug/L	5.550	1	11/27/2004	11/29/2004	EPA SW-846 6010
7440-09-7	Potassium	16800	J	ug/L	51.0	1	11/27/2004	11/29/2004	EPA SW-846 6010
7782-49-2	Selenium	6.460	J	ug/L	5.240	1	11/27/2004	11/29/2004	EPA SW-846 6010
7440-22-4	Silver	3.380	U	ug/L	3.380	1	11/27/2004	11/29/2004	EPA SW-846 6010
7440-23-5	Sodium	92800		ug/L	189	1	11/27/2004	11/29/2004	EPA SW-846 6010
7440-28-0	Thallium	5.780	U	ug/L	5.780	1	11/27/2004	11/29/2004	EPA SW-846 6010
7440-62-2	Vanadium	1.860	U	ug/L	1.860	1	11/27/2004	11/29/2004	EPA SW-846 6010
7440-66-6	Zinc	29.9	U	ug/L	8.110	1	11/27/2004	11/29/2004	EPA SW-846 6010

Comments:

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J = Estimated Value
B = Analyte Found In Associated Method Blank
N = Presumptive Evidence of a Compound

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Report of Analysis

Client:	Lightship Engineering (Env.&Land Use Consi	Date Collected:	11/22/2004
Project:	National Grid Schenec	Date Received:	11/23/2004
Client Sample ID:	LE-MW3	SDG No.:	S5869
Lab Sample ID:	S5869-03	Matrix:	WATER
		% Solids:	0.00

CAS No.	Analyte	Conc.	Qualifier		Units	DL	Dilution	Date Prep	Date Anal.	Method
7429-90-5	Aluminum	180	U		ug/L	180	1	11/27/2004	11/29/2004	EPA SW-846 6010
7440-36-0	Antimony	6.600	U		ug/L	6.600	1	11/27/2004	11/29/2004	EPA SW-846 6010
7440-38-2	Arsenic	4.840	U		ug/L	4.840	1	11/27/2004	11/29/2004	EPA SW-846 6010
7440-39-3	Barium	113	J		ug/L	11.0	1	11/27/2004	11/29/2004	EPA SW-846 6010
7440-41-7	Beryllium	1.060	U		ug/L	1.060	1	11/27/2004	11/29/2004	EPA SW-846 6010
7440-43-9	Cadmium	0.994	U		ug/L	0.994	1	11/27/2004	11/29/2004	EPA SW-846 6010
7440-70-2	Calcium	178000			ug/L	1740	1	11/27/2004	11/29/2004	EPA SW-846 6010
7440-47-3	Chromium	1.220	U		ug/L	1.220	1	11/27/2004	11/29/2004	EPA SW-846 6010
7440-48-4	Cobalt	2.380	U		ug/L	2.380	1	11/27/2004	11/29/2004	EPA SW-846 6010
7440-50-8	Copper	0.739	U		ug/L	0.739	1	11/27/2004	11/29/2004	EPA SW-846 6010
7439-89-6	Iron	39.2	U	N J	ug/L	29.0	1	11/27/2004	11/29/2004	EPA SW-846 6010
7439-92-1	Lead	1.790	U		ug/L	1.790	1	11/27/2004	11/29/2004	EPA SW-846 6010
7439-95-4	Magnesium	28800			ug/L	254	1	11/27/2004	11/29/2004	EPA SW-846 6010
7439-96-5	Manganese	274		N	ug/L	0.195	1	11/27/2004	11/29/2004	EPA SW-846 6010
7439-97-6	Mercury	0.0300	U		ug/L	0.030	1	11/30/2004	11/30/2004	EPA SW-846 7470
7440-02-0	Nickel	5.550	U		ug/L	5.550	1	11/27/2004	11/29/2004	EPA SW-846 6010
7440-09-7	Potassium	15100		J	ug/L	51.0	1	11/27/2004	11/29/2004	EPA SW-846 6010
7782-49-2	Selenium	10.8			ug/L	5.240	1	11/27/2004	11/29/2004	EPA SW-846 6010
7440-22-4	Silver	3.380	U		ug/L	3.380	1	11/27/2004	11/29/2004	EPA SW-846 6010
7440-23-5	Sodium	73200			ug/L	189	1	11/27/2004	11/29/2004	EPA SW-846 6010
7440-28-0	Thallium	5.780	U		ug/L	5.780	1	11/27/2004	11/29/2004	EPA SW-846 6010
7440-62-2	Vanadium	1.860	U		ug/L	1.860	1	11/27/2004	11/29/2004	EPA SW-846 6010
7440-66-6	Zinc	13.8	J U		ug/L	8.110	1	11/27/2004	11/29/2004	EPA SW-846 6010

Comments:

U = Not Detected
DL = Method Detection Limit or Instrument Detection Limit

J = Estimated Value
B = Analyte Found In Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	Lightship Engineering (Env.&Land Use Consi	Date Collected:	11/22/2004
Project:	National Grid Schenec	Date Received:	11/23/2004
Client Sample ID:	LEQA/QC-300	SDG No.:	S5869
Lab Sample ID:	S5869-08	Matrix:	WATER
		% Solids:	0.00

CAS No.	Analyte	Conc.	Qualifier		Units	DL	Dilution	Date Prep	Date Anal.	Method
7429-90-5	Aluminum	180	U		ug/L	180	1	11/27/2004	11/29/2004	EPA SW-846 6010
7440-36-0	Antimony	6.600	U		ug/L	6.600	1	11/27/2004	11/29/2004	EPA SW-846 6010
7440-38-2	Arsenic	4.840	U		ug/L	4.840	1	11/27/2004	11/29/2004	EPA SW-846 6010
7440-39-3	Barium	11.0	U		ug/L	11.0	1	11/27/2004	11/29/2004	EPA SW-846 6010
7440-41-7	Beryllium	1.060	U		ug/L	1.060	1	11/27/2004	11/29/2004	EPA SW-846 6010
7440-43-9	Cadmium	0.994	U		ug/L	0.994	1	11/27/2004	11/29/2004	EPA SW-846 6010
7440-70-2	Calcium	5220			ug/L	1740	1	11/27/2004	11/29/2004	EPA SW-846 6010
7440-47-3	Chromium	1.220	U		ug/L	1.220	1	11/27/2004	11/29/2004	EPA SW-846 6010
7440-48-4	Cobalt	2.380	U		ug/L	2.380	1	11/27/2004	11/29/2004	EPA SW-846 6010
7440-50-8	Copper	0.739	U		ug/L	0.739	1	11/27/2004	11/29/2004	EPA SW-846 6010
7439-89-6	Iron	42.2	J	N	ug/L	29.0	1	11/27/2004	11/29/2004	EPA SW-846 6010
7439-92-1	Lead	1.790	U		ug/L	1.790	1	11/27/2004	11/29/2004	EPA SW-846 6010
7439-95-4	Magnesium	1120	J		ug/L	254	1	11/27/2004	11/29/2004	EPA SW-846 6010
7439-96-5	Manganese	2.200	J	N	ug/L	0.195	1	11/27/2004	11/29/2004	EPA SW-846 6010
7439-97-6	Mercury	0.0300	U		ug/L	0.030	1	11/30/2004	11/30/2004	EPA SW-846 7470
7440-02-0	Nickel	5.550	U		ug/L	5.550	1	11/27/2004	11/29/2004	EPA SW-846 6010
7440-09-7	Potassium	590	J		ug/L	51.0	1	11/27/2004	11/29/2004	EPA SW-846 6010
7782-49-2	Selenium	5.240	U		ug/L	5.240	1	11/27/2004	11/29/2004	EPA SW-846 6010
7440-22-4	Silver	3.380	U		ug/L	3.380	1	11/27/2004	11/29/2004	EPA SW-846 6010
7440-23-5	Sodium	4050	J		ug/L	189	1	11/27/2004	11/29/2004	EPA SW-846 6010
7440-28-0	Thallium	5.780	U		ug/L	5.780	1	11/27/2004	11/29/2004	EPA SW-846 6010
7440-62-2	Vanadium	1.860	U		ug/L	1.860	1	11/27/2004	11/29/2004	EPA SW-846 6010
7440-66-6	Zinc	13.2	J		ug/L	8.110	1	11/27/2004	11/29/2004	EPA SW-846 6010

Comments:

U = Not Detected
DL = Method Detection Limit or Instrument Detection Limit

J = Estimated Value
B = Analyte Found In Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	Lightship Engineering (Env.&Land Use Cons	**Date Collected:**	11/3/04
Project:		**Date Received:**	11/10/04
Client Sample ID:	LE-SB4-12-14	**SDG No.:**	S5662
Lab Sample ID:	S5662-03	**Matrix:**	SOIL
% Solids:	88.00		

Analyte	Result	Qualifier	RL	Units	DF	Date Analyzed	Method
Cyanide	0.568	U J	0.568	mg/Kg	1	11/15/04	9012 Cyanide

Comment

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	Lightship Engineering (Env.&Land Use Consı	Date Collected:	11/22/2004
Project:	National Grid Schenec	Date Received:	11/23/2004
Client Sample ID:	LEQA/QC-301	SDG No.:	S5869
Lab Sample ID:	S5869-09	Matrix:	WATER
		% Solids:	0.00

CAS No.	Analyte	Conc.	Qualifier		Units	DL	Dilution	Date Prep	Date Anal.	Method
7429-90-5	Aluminum	180	U		ug/L	180	1	11/27/2004	11/29/2004	EPA SW-846 6010
7440-36-0	Antimony	6.600	U		ug/L	6.600	1	11/27/2004	11/29/2004	EPA SW-846 6010
7440-38-2	Arsenic	4.840	U		ug/L	4.840	1	11/27/2004	11/29/2004	EPA SW-846 6010
7440-39-3	Barium	11.0	U		ug/L	11.0	1	11/27/2004	11/29/2004	EPA SW-846 6010
7440-41-7	Beryllium	1.060	U		ug/L	1.060	1	11/27/2004	11/29/2004	EPA SW-846 6010
7440-43-9	Cadmium	0.994	U		ug/L	0.994	1	11/27/2004	11/29/2004	EPA SW-846 6010
7440-70-2	Calcium	5320			ug/L	1740	1	11/27/2004	11/29/2004	EPA SW-846 6010
7440-47-3	Chromium	1.220	U		ug/L	1.220	1	11/27/2004	11/29/2004	EPA SW-846 6010
7440-48-4	Cobalt	2.380	U		ug/L	2.380	1	11/27/2004	11/29/2004	EPA SW-846 6010
7440-50-8	Copper	1.470	J		ug/L	0.739	1	11/27/2004	11/29/2004	EPA SW-846 6010
7439-89-6	Iron	29.0	U	N	ug/L	29.0	1	11/27/2004	11/29/2004	EPA SW-846 6010
7439-92-1	Lead	1.790	U		ug/L	1.790	1	11/27/2004	11/29/2004	EPA SW-846 6010
7439-95-4	Magnesium	1170	J		ug/L	254	1	11/27/2004	11/29/2004	EPA SW-846 6010
7439-96-5	Manganese	2.420	J	N	ug/L	0.195	1	11/27/2004	11/29/2004	EPA SW-846 6010
7439-97-6	Mercury	0.0300	U		ug/L	0.030	1	11/30/2004	11/30/2004	EPA SW-846 7470
7440-02-0	Nickel	5.550	U		ug/L	5.550	1	11/27/2004	11/29/2004	EPA SW-846 6010
7440-09-7	Potassium	630	J		ug/L	51.0	1	11/27/2004	11/29/2004	EPA SW-846 6010
7782-49-2	Selenium	5.240	U		ug/L	5.240	1	11/27/2004	11/29/2004	EPA SW-846 6010
7440-22-4	Silver	3.380	U		ug/L	3.380	1	11/27/2004	11/29/2004	EPA SW-846 6010
7440-23-5	Sodium	4580	J		ug/L	189	1	11/27/2004	11/29/2004	EPA SW-846 6010
7440-28-0	Thallium	5.780	U		ug/L	5.780	1	11/27/2004	11/29/2004	EPA SW-846 6010
7440-62-2	Vanadium	1.860	U		ug/L	1.860	1	11/27/2004	11/29/2004	EPA SW-846 6010
7440-66-6	Zinc	15.0	J		ug/L	8.110	1	11/27/2004	11/29/2004	EPA SW-846 6010

Comments:

U = Not Detected
DL = Method Detection Limit or Instrument Detection Limit

J = Estimated Value
B = Analyte Found In Associated Method Blank
N = Presumptive Evidence of a Compound

2006 Chain of Custody Records

Cha... of Custody Record

№ 085

The RETEC Group, Inc.
2550 Eisenhower Avenue • Eagleville, PA 19403-2331
(610) 650-8770 Phone • (610) 650-9001 Fax
www.retec.com

RETEC

Project Name: Schenectady	Project Number:
Send Report To: James Edwards	Sampler (Print Name): Jesse Lloyd
Address: Above Address	Sampler (Print Name): Scott Hunsicker
	Shipment Method: FedEx
	Airbill Number:
Phone:	Laboratory Receiving: STL Pittsburgh
Fax:	

Page 1 of 1

Purchase Order #:

Field Sample ID	Sample Date	Sample Time	Sample Matrix	Number of Containers	Analysis Requested: SVOC 8270	VOC 8260	TAL Analysis 6000/7000	Total CN 9012A	Comments, Special Instructions, etc.	Lab Sample ID (to be completed by lab)
TP 7S (7.5) (Horz 0-10)	10-31-06	1000		2	X	X	X	X		
TP6 (7') (Horz 15)	11-1-06	0900		3	X	X	X	X		
SB-13 (10-11)		1430			X	X	X	X		
SB-18 (10-11)		1620			X	X	X	X		
SB 18 (18.5-20)		1630			X	X	X	X		
SB21 (9-10)		1340			X	X	X	X		
SB24 (13.5-14.5)		1000			X	X	X	X		
SB24 (20-21)		1020			X	X	X	X		
SB24 (20-21) MS		1022		2	X	X	X	X		
SB24 (20-21) MSD		1022		2	X	X	X	X		
SB19 (23-24.5)		1200		3	X	X	X	X		
SB20 (30-32.5)		1520			X	X	X	X		
SB20 (38.5-40)		1530			X	X	X	X		
also received										
SB20 (16.5-18)	11/2/06	1315	to be analyzed as per James Edwards							

		Date:	Time:
Relinquished by: (Signature)	Received by: (Signature) FedEx	11/2/06	1730
Relinquished by: (Signature)	Received by: (Signature)	11-03-06	0940
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:

Sample Custodian Remarks (Completed By Laboratory):

QA/QC Level		Turnaround		Sample Receipt	
NYASP Cat B				Total # Containers Received?	
Level I	☐	Routine	☒	COC Seals Present?	
Level II	☐	24 Hour	☐	COC Seals Intact?	
Level III	☐	1 Week	☐	Received Containers Intact?	
Other	☒	Other ____		Temperature?	

White: Lab Copy Yellow: PM Copy Pink: Field Copy Gold: PM/QA/QC Copy

Cha... of Custody Record

Nº 096

The RETEC Group, Inc.
2550 Eisenhower Avenue • Eagleville, PA 19403-2331
(610) 650-8770 Phone • (610) 650-9001 Fax
www.retec.com

RETEC

Project Name: Schenectady	Project Number:
Send Report To: James Edwards	Sampler (Print Name): Jesse Lloyd
Address: 1001 W. Seneca St	Sampler (Print Name): Scott Hausler
Suite 204	Shipment Method: Fed Ex
Ithaca, NY 14850	Airbill Number:
Phone: 607-277-5716	Laboratory Receiving: STL Pittsburgh
Fax: 607-277-9057	

Page 1 of 1

Purchase Order #: _____

Field Sample ID	Sample Date	Sample Time	Sample Matrix	Number of Containers	Analysis Requested: VOC 8260	SVOC 8270	TAL Metals Cas/Zaro	Total CN 9012	Comments, Special Instructions, etc.	Lab Sample ID (to be completed by lab)
SB23 (10-13)	11-3-06	0940	Soil	3	X	X	X	X		
SB23 (6-7)		0930			X	X	X	X		
SB25 (18-19.5)		1100			X	X	X	X		
SB22 (18-20)		1400	only red 2 jars each	2	X	X	X	X		
SB220 (18-20)		1600		2	X	X	X	X		
SB15 (34-35)		1620	DUP w/1620		X	X	X	X		

Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
[signature]	FedEx	11/4/06	1300
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
Relinquished by: (Signature)	Received by: (Signature) [signature]	Date: 11/6/06	Time: 0930

Sample Custodian Remarks (Completed By Laboratory):

QA/QC Level		Turnaround		Sample Receipt	
NYASP Cat B				Total # Containers Received?	
Level I	☐	Routine	☒	COC Seals Present?	
Level II	☐	24 Hour	☐	COC Seals Intact?	
Level III	☐	1 Week	☐	Received Containers Intact?	
Other	☒	Other ____		Temperature?	

White: Lab Copy Yellow: PM Copy Pink: Field Copy Gold: PM/QA/QC Copy

Chain of Custody Record № 091

The RETEC Group, Inc.
2550 Eisenhower Avenue • Eagleville, PA 19403-2331
(610) 650-8770 Phone • (610) 650-9001 Fax
www.retec.com

RETEC

Project Name: Shenectady	Project Number:
Send Report To: James Edmund	Sampler (Print Name): Jesse Lloyd
Address: 1001 W. Seneca St Suite 201 Ithaca, NY 14850	Sampler (Print Name): Scott Hausmann
	Shipment Method: FedEx
	Airbill Number:
Phone: 607-277-5716	Laboratory Receiving: STL Pittsburgh
Fax: 607-277-9057	

Page ____ of ____

Purchase Order #: _____

Field Sample ID	Sample Date	Sample Time	Sample Matrix	Number of Containers	Analysis Requested: VOC 8260	SVOC 8270	TAL Metals 6010/7000	TCLP VOC 9012	Comments, Special Instructions, etc.	Lab Sample ID (to be completed by lab)
SB16 (35-37)	11/6/06	1230	Soil	3	X	X	X	X		
SB16 (49-50)		1300		3	X	X	X	X		
SB14 (38-40)		1650		2	X	X	X	X		
SB14 (15-17.5)		1700		3	X	X	X	X		
SB11 (20-22)	11-7-06	1030								
SB11 (38-40)		1130								
SB11 (20-22) MS/MSD		1030		4						
SB10 (10.5-11.5)		1430		5						
SB10 (28-30)		1445		3						

Relinquished by: (Signature)	Received by: (Signature)	Date: 11-7-06	Time: 1500	Sample Custodian Remarks (Completed By Laboratory):
Relinquished by: (Signature)	Received by: (Signature)	Date: 11-08-06	Time: 0930	
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:	

QA/QC Level: NYASP Cat B
Level I ☐ Level II ☐ Level III ☐ Other ☒

Turnaround: Routine ☒ 24 Hour ☐ 1 Week ☐ Other _____

Sample Receipt	
Total # Containers Received?	
COC Seals Present?	
COC Seals Intact?	
Received Containers Intact?	
Temperature?	

White: Lab Copy Yellow: PM Copy Pink: Field Copy Gold: PM/QA/QC Copy

Chai. of Custody Record

№ 092

The RETEC Group, Inc.
2550 Eisenhower Avenue • Eagleville, PA 19403-2331
(610) 650-8770 Phone • (610) 650-9001 Fax
www.retec.com

RETEC

Project Name: Schenectady	Project Number:
Send Report To: James Edwards	Sampler (Print Name): Scott Hansen
Address: 1001 W. Seneca St	Sampler (Print Name): Jesse Lloyd
Suite 204	Shipment Method: Fed Ex
Ithaca, NY	Airbill Number:
Phone: 607-277-5716	Laboratory Receiving: STL Pittsburgh
Fax: 607-277-9057	

Page 1 of 1

Purchase Order #:

Field Sample ID	Sample Date	Sample Time	Sample Matrix	Number of Containers	VOC 8260	SVOC 8270	TAL metals 6000/7000	Total CN 9012	TCLP VOC 1311/8260	TCLP SVOC 1311/8270	TCLP TAL Metals 1311/6010	Corrosivity SW-846	Ignitability 1010	Reactive CN SW-846	Reactive Sulfide SW-846	Comments, Special Instructions, etc.	Lab Sample ID (to be completed by lab)
SB12 (25-26)	11/8/06	1030	Soil	3	X	X	X	X						2	1	analysis is for tot CN	
SB12 (38-40)	11/8/06	1100			X	X	X	X								total solfield as Set up for project	
SB13 (37-39)	11/9/06	0930			X	X	X	X								DNP 11/10/06	
SB130 (37-39)	11/9/06	1030			X	X	X	X									
SB17 (10.5-11.5)	11/2/06	1630	NAPL	1					X	X	X	X	X	X	X		
SB15 (25-27)	11/3/06	1330	Soil	1					X	X	X	X	X	X	X		

Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
	Fed Ex	11/9/06	
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
Relinquished by: (Signature)	Received by: (Signature) Patrick K Faust	Date: 11/10/06	Time: 0940

Sample Custodian Remarks (Completed By Laboratory):

QA/QC Level		Turnaround	
NY ASP Cat B			
Level I	☐	Routine	☒
Level II	☐	24 Hour	☐
Level III	☐	1 Week	☐
Other	☒	Other ____	

Sample Receipt	
Total # Containers Received?	
COC Seals Present?	
COC Seals Intact?	
Received Containers Intact?	
Temperature?	

White: Lab Copy Yellow: PM Copy Pink: Field Copy Gold: PM/QA/QC Copy

Chain of Custody Record

No 0811

The RETEC Group, Inc.
1001 W. Seneca Street, Suite 204 • Ithaca, NY 14850-3342
(607) 277-5716 Phone • (607) 277-9057 Fax
www.retec.com

RETEC

Project Name: Schenectady	Project Number: NYM07-19711
Send Report To: James Edwards	Sampler (Print Name): Scott Hauswirth
Address: 1001 W. Seneca St Suite 204 Ithaca, NY 14850	Sampler (Print Name): Jesse Lloyd
	Shipment Method: FedEx
	Airbill Number:
Phone: 607-277-5716	Laboratory Receiving: STL Pittsburgh
Fax: 607-277-9057	

Page 1 of 1

Purchase Order #:

Field Sample ID	Sample Date	Sample Time	Sample Matrix	Number of Containers	Analysis Requested: VOC 8260	SVOC 8270	TAL Metals 6010	Total Cr (VI) 7196	Comments, Special Instructions, etc.	Lab Sample ID (to be completed by lab)
MW06	11/28/06	1030	Aq	7	X	X	X	X		
MW05		1215			X	X	X	X		
MW10		1305			X	X	X	X		
MW02(04)		1400			X	X	X	X		
MW03(04)		1508			X	X	X	X		
MW07	↓	1620			X	X	X	X		
MW01 (04)	11/29/06	0920			X	X	X	X		
MW09		1035			X	X	X	X		
MW08		1230			X	X	X	X		
MW080	↓	1215		↓	X	X	X	X		
MW03(04) MS/MSD	11/28/06	1508		14	X	X	X	X		
TB(112806)	11/28/06	0900		2	X					
EB(112906)	11/29/06	1145	↓	7	X	X	X	X		

Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
	FedEx	11/29/06	1600
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
		11-30-06	0945
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:

Sample Custodian Remarks (Completed By Laboratory):

QA/QC Level	Turnaround
NYASP Cat. B	
Level I ☐	Routine ☒
Level II ☐	24 Hour ☐
Level III ☐	1 Week ☐
Other ☐	Other ____

Sample Receipt	
Total # Containers Received?	
COC Seals Present?	
COC Seals Intact?	
Received Containers Intact?	
Temperature?	

White: Lab Copy Yellow: PM Copy Pink: Field Copy Gold: PM/QA/QC Copy

Chain of Custody Record

No 093

The RETEC Group, Inc.
2390 Eisenhower Avenue • Ezeleville, PA 19406-2837
(610) 650-8772 Phone • (310) 650-8781 Fax
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RETEC

Page 1 of 1

0611379

Project Name: Schenectady	Project Number: NSM02-19711
Send Report To: James Edwards	Sampler (Print Name): Jesse Lloyd
Address: 1001 W. Seneca St	Sampler (Print Name): Scott Heusmith
Suite 209	Shipment Method: FedEx
Ithaca, NY 14850	Airbill Number:
Phone: 607-277-5716	Laboratory Receiving: ATL
Fax: 607-277-9057	

Purchase Order #:

	Field Sample ID	Sample Date	~~Sample~~ Start Time	Sample Matrix	~~Number of~~ Can # Containers	Analysis Requested: TO-15 + MeCl2 Exhibits; Ethanol, Indane, Thiophene; Methylcyclohexane, 2-methylpentane; Isooctane, 2,3-dimethylpentane; 224-trimethylpentane	Comments, Special Instructions, etc.	Start	End	Lab Sample ID (to be completed by lab)
01A	SV01	11/14/06	1145	1416	32109	X		-32.0	-5.0	
02A	SV02		1220	1515	9914	X		-30.0	-4.5	
03A	SV02 Dup		1143	1418	34427	X		-29.0	-5.0	
04A	SV03		1156	1500	33987	X		-29.5	-5.0	
05A	SV04		1150	1423	9944	X		-30.0	-5.0	
06A	AMB01	↓	1148	1415	9925	X		-26.0	-4.5	

CUSTODY SEAL INTACT?
Y N (NONE) TEMP N/A

Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
	FedEx	11/15/06	1200
Relinquished by: (Signature)	Received by: (Signature) ATL	Date:	Time:
	Monica Rogers	11/16/06	900
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:

Sample Custodian Remarks (Completed By Laboratory):

QA/QC Level	Turnaround	Sample Receipt
Level I ☐	Routine X	Total # Containers Received?
Level II ☐	24 Hour ☐	COC Seals Present?
Level II ☐	1 Week ☐	COC Seals Intact?
Other ☐	Other ____	Received Containers Intact?
		Temperature?

White: Lab Copy Yellow: PM Copy Pink: Field Copy Gold: PM/CA/QC Copy

2006 Form I
Laboratory Results Sheets

The RETEC Group, Inc.

Client Sample ID: ~~TP5~~(7) (HORZ 15)

GC/MS Volatiles

Lot-Sample #...:	C6K030390-002	**Work Order #...:**	JHX611AK	**Matrix.....:**	SO
Date Sampled...:	11/01/06	**Date Received..:**	11/03/06	**MS Run #.....:**	6310039
Prep Date.....:	11/06/06	**Analysis Date..:**	11/06/06		
Prep Batch #...:	6310052	**Analysis Time..:**	10:18		
Dilution Factor:	1	**Initial Wgt/Vol:**	5 g	**Final Wgt/Vol..:**	5 mL
% Moisture.....:	17	**Analyst ID.....:**	010099	**Instrument ID..:**	HP3
		Method.....:	SW846 8260B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND UJ	24	ug/kg	6.0
Benzene	**7.2**	**6.0**	**ug/kg**	**0.66**
Bromodichloromethane	ND	6.0	ug/kg	0.30
Bromoform	ND	6.0	ug/kg	0.74
Bromomethane	ND	6.0	ug/kg	1.1
2-Butanone	ND	6.0	ug/kg	1.7
Carbon disulfide	ND	6.0	ug/kg	0.43
Carbon tetrachloride	ND	6.0	ug/kg	0.30
Chlorobenzene	ND	6.0	ug/kg	1.0
Chloroethane	ND	6.0	ug/kg	1.1
Chloroform	ND	6.0	ug/kg	0.30
Chloromethane	ND	6.0	ug/kg	0.35
Cyclohexane	ND	6.0	ug/kg	0.45
Dibromochloromethane	ND	6.0	ug/kg	0.31
1,2-Dibromo-3-chloro-propane	ND	6.0	ug/kg	0.56
1,2-Dibromoethane	ND	6.0	ug/kg	0.32
1,3-Dichlorobenzene	ND	6.0	ug/kg	1.1
1,4-Dichlorobenzene	ND	6.0	ug/kg	0.82
1,2-Dichlorobenzene	ND	6.0	ug/kg	1.1
Dichlorodifluoromethane	ND	6.0	ug/kg	0.61
1,1-Dichloroethane	ND	6.0	ug/kg	0.35
1,2-Dichloroethane	ND	6.0	ug/kg	0.36
1,1-Dichloroethene	ND	6.0	ug/kg	0.71
cis-1,2-Dichloroethene	ND	6.0	ug/kg	0.90
trans-1,2-Dichloroethene	ND	6.0	ug/kg	0.79
1,2-Dichloropropane	ND	6.0	ug/kg	0.75
cis-1,3-Dichloropropene	ND	6.0	ug/kg	0.35
trans-1,3-Dichloropropene	ND	6.0	ug/kg	0.33
Ethylbenzene	**3.3 J**	**6.0**	**ug/kg**	**1.1**
2-Hexanone	ND	6.0	ug/kg	0.98
Isopropylbenzene	**1.5 J**	**6.0**	**ug/kg**	**1.4**
Methyl acetate	ND	6.0	ug/kg	3.0
Methylene chloride	~~3.4 J,B~~ 6.0 U	**6.0**	**ug/kg**	**1.6**
Methylcyclohexane	ND	6.0	ug/kg	0.94
4-Methyl-2-pentanone	ND	6.0	ug/kg	1.0
Methyl tert-butyl ether	ND	6.0	ug/kg	0.49

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The RETEC Group, Inc.

Client Sample ID: ~~TP5~~ TP6 (7) (HORZ 15)

GC/MS Volatiles

Lot-Sample #...: C6K030390-002 Work Order #...: JHX611AK Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Styrene	ND	6.0	ug/kg	0.96
1,1,2,2-Tetrachloroethane	ND	6.0	ug/kg	0.54
1,2,4-Trichloro-benzene	ND	6.0	ug/kg	1.7
Tetrachloroethene	ND	6.0	ug/kg	0.92
1,1,1-Trichloroethane	ND	6.0	ug/kg	0.33
1,1,2-Trichloroethane	ND	6.0	ug/kg	0.82
Trichloroethene	ND	6.0	ug/kg	1.0
Trichlorofluoromethane	ND	6.0	ug/kg	1.4
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	6.0	ug/kg	0.42
Vinyl chloride	ND	6.0	ug/kg	0.79
Xylenes (total)	**5.6 J**	**18**	**ug/kg**	**3.3**
Toluene	ND	6.0	ug/kg	0.71

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	74	(52 - 124)
Toluene-d8	100	(72 - 127)
4-Bromofluorobenzene	104	(63 - 120)
Dibromofluoromethane	89	(68 - 121)

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.

The RETEC Group, Inc.

Client Sample ID: ~~TP5~~9(7) (HORZ 15)

GC/MS Semivolatiles

Tp6 5x8

Lot-Sample #...:	C6K030390-002	**Work Order #...:**	JHX611AL	**Matrix.....:**	SO
Date Sampled...:	11/01/06 09:00	**Date Received..:**	11/03/06 09:40	**MS Run #.....:**	6312005
Prep Date.....:	11/08/06	**Analysis Date..:**	11/20/06		
Prep Batch #...:	6312013	**Analysis Time..:**	18:48		
Dilution Factor:	40	**Initial Wgt/Vol:**	15 g	**Final Wgt/Vol..:**	0.5 mL
% Moisture.....:	17	**Analyst ID.....:**	003200	**Instrument ID..:**	731
		Method.....:	SW846 8270C		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	**6100 J**	**16000**	**ug/kg**	**350**
Acenaphthylene	**12000 J**	**16000**	**ug/kg**	**340**
Acetophenone	ND	16000	ug/kg	4000
Anthracene	**28000**	**16000**	**ug/kg**	**370**
Atrazine	ND	16000	ug/kg	4000
Benzo(a)anthracene	**39000**	**16000**	**ug/kg**	**350**
Benzo(a)pyrene	**27000**	**16000**	**ug/kg**	**270**
Benzo(b)fluoranthene	**27000**	**16000**	**ug/kg**	**320**
Benzo(ghi)perylene	**9300 J**	**16000**	**ug/kg**	**300**
Benzo(k)fluoranthene	**12000 J**	**16000**	**ug/kg**	**310**
Benzaldehyde	ND	16000	ug/kg	3600
1,1'-Biphenyl	ND	16000	ug/kg	4000
bis(2-Chloroethoxy) methane	ND	16000	ug/kg	360
bis(2-Chloroethyl)-ether	ND	16000	ug/kg	310
bis(2-Ethylhexyl) phthalate	ND	16000	ug/kg	1000
4-Bromophenyl phenyl ether	ND	16000	ug/kg	800
Butyl benzyl phthalate	ND	16000	ug/kg	360
Caprolactam	ND	16000	ug/kg	4000
Carbazole	**6400 J**	**16000**	**ug/kg**	**370**
4-Chloroaniline	ND	16000	ug/kg	800
4-Chloro-3-methylphenol	ND	16000	ug/kg	350
2-Chloronaphthalene	ND	16000	ug/kg	340
2-Chlorophenol	ND	16000	ug/kg	250
4-Chlorophenyl phenyl ether	ND	16000	ug/kg	330
Chrysene	**34000**	**16000**	**ug/kg**	**310**
Dibenz(a,h)anthracene	**3900 J**	**16000**	**ug/kg**	**260**
Dibenzofuran	**11000 J**	**16000**	**ug/kg**	**360**
3,3'-Dichlorobenzidine	ND	77000	ug/kg	400
2,4-Dichlorophenol	ND	16000	ug/kg	300
Diethyl phthalate	ND	16000	ug/kg	320
2,4-Dimethylphenol	ND	16000	ug/kg	260
Dimethyl phthalate	ND	16000	ug/kg	340

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The RETEC Group, Inc.

Client Sample ID: ~~TP5~~ TP6 9 (7) (HORZ 15)

GC/MS Semivolatiles 3rd E

Lot-Sample #...: C6K030390-002 Work Order #...: JHX611AL Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-butyl phthalate	ND	16000	ug/kg	2000
4,6-Dinitro-2-methylphenol	ND	77000	ug/kg	40000
2,4-Dinitrophenol	ND	77000	ug/kg	40000
2,4-Dinitrotoluene	ND	16000	ug/kg	170
2,6-Dinitrotoluene	ND	16000	ug/kg	230
Di-n-octyl phthalate	ND	16000	ug/kg	370
Fluoranthene	**71000**	**16000**	**ug/kg**	**340**
Fluorene	**25000**	**16000**	**ug/kg**	**380**
Hexachlorobenzene	ND	16000	ug/kg	320
Hexachlorobutadiene	ND	16000	ug/kg	310
Hexachlorocyclopentadiene	ND	77000	ug/kg	1300
Hexachloroethane	ND	16000	ug/kg	310
Indeno(1,2,3-cd)pyrene	**9600 J**	**16000**	**ug/kg**	**320**
Isophorone	ND	16000	ug/kg	310
2-Methylnaphthalene	**620 J**	**16000**	**ug/kg**	**390**
2-Methylphenol	ND	16000	ug/kg	360
4-Methylphenol	ND	16000	ug/kg	360
Naphthalene	**2400 J**	**16000**	**ug/kg**	**380**
2-Nitroaniline	ND	77000	ug/kg	200
3-Nitroaniline	ND	77000	ug/kg	8100
4-Nitroaniline	ND	77000	ug/kg	220
Nitrobenzene	ND	16000	ug/kg	520
2-Nitrophenol	ND	16000	ug/kg	290
4-Nitrophenol	ND	77000	ug/kg	220
N-Nitrosodi-n-propylamine	ND	16000	ug/kg	330
N-Nitrosodiphenylamine	ND	16000	ug/kg	3300
2,2'-oxybis(1-Chloropropane)	ND	16000	ug/kg	230
Pentachlorophenol	ND	77000	ug/kg	22000
Phenanthrene	**53000**	**16000**	**ug/kg**	**380**
Phenol	ND	16000	ug/kg	330
Pyrene	**52000**	**16000**	**ug/kg**	**390**
2,4,5-Trichlorophenol	ND	16000	ug/kg	910
2,4,6-Trichlorophenol	ND	16000	ug/kg	270

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The RETEC Group, Inc.

Client Sample ID: ~~TP5~~ TP6 (7) (HORZ 15)

GC/MS Semivolatiles

Lot-Sample #...: C6K030390-002 Work Order #...: JHX611AL Matrix.....: SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	NC,DIL	(21 - 144)
2-Fluorobiphenyl	NC,DIL	(26 - 128)
2-Fluorophenol	NC,DIL	(34 - 115)
Nitrobenzene-d5	NC,DIL	(30 - 118)
Phenol-d5	NC,DIL	(35 - 117)
Terphenyl-d14	NC,DIL	(40 - 115)

NOTE(S):

NC The recovery and/or RPD were not calculated.

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.

The RETEC Group, Inc.

Client Sample ID: ~~TP5~~(7)(HORZ 15)

TOTAL Metals

Lot-Sample #...: C6K030390-002 Matrix.....: SO
Date Sampled...: 11/01/06 Date Received..: 11/03/06
% Moisture.....: 17

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 6318071						
Silver	ND	0.60	mg/kg	SW846 6010B	11/16-11/17/06	JHX611AM
		Dilution Factor: 1		Analysis Time..: 15:55	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.036	
Aluminum	**3780 J**	**24.1**	**mg/kg**	**SW846 6010B**	**11/16-11/17/06**	**JHX611AN**
		Dilution Factor: 1		Analysis Time..: 15:55	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.96	
Arsenic	**6.9**	**1.2**	**mg/kg**	**SW846 6010B**	**11/16-11/17/06**	**JHX611AP**
		Dilution Factor: 1		Analysis Time..: 15:55	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.40	
Barium	**21.3 B J**	**24.1**	**mg/kg**	**SW846 6010B**	**11/16-11/17/06**	**JHX611AQ**
		Dilution Factor: 1		Analysis Time..: 15:55	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.12	
Beryllium	**0.38 B J**	**0.48**	**mg/kg**	**SW846 6010B**	**11/16-11/17/06**	**JHX611AR**
		Dilution Factor: 1		Analysis Time..: 15:55	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.050	
Calcium	**16200**	**602**	**mg/kg**	**SW846 6010B**	**11/16-11/17/06**	**JHX611AT**
		Dilution Factor: 1		Analysis Time..: 15:55	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 4.8	
Cadmium	ND	0.60	mg/kg	SW846 6010B	11/16-11/17/06	JHX611AU
		Dilution Factor: 1		Analysis Time..: 15:55	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.084	
Cobalt	**3.7 B J**	**6.0**	**mg/kg**	**SW846 6010B**	**11/16-11/17/06**	**JHX611AV**
		Dilution Factor: 1		Analysis Time..: 15:55	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.063	
Chromium	**4.7**	**0.60**	**mg/kg**	**SW846 6010B**	**11/16-11/17/06**	**JHX611AW**
		Dilution Factor: 1		Analysis Time..: 15:55	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.11	

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The RETEC Group, Inc.

Client Sample ID: ~~TP5~~ TP6 (7) (HORZ 15)

TOTAL Metals

Lot-Sample #...: C6K030390-002 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Copper	11.0 J	3.0	mg/kg	SW846 6010B	11/16-11/17/06	JHX611AX
		Dilution Factor: 1		Analysis Time..: 15:55	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.14	
Iron	8450	12.0	mg/kg	SW846 6010B	11/16-11/17/06	JHX611A0
		Dilution Factor: 1		Analysis Time..: 15:55	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 2.2	
Potassium	654 J	602	mg/kg	SW846 6010B	11/16-11/17/06	JHX611A1
		Dilution Factor: 1		Analysis Time..: 15:55	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 9.0	
Magnesium	1860	602	mg/kg	SW846 6010B	11/16-11/17/06	JHX611A2
		Dilution Factor: 1		Analysis Time..: 15:55	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 1.2	
Manganese	188 J-	1.8	mg/kg	SW846 6010B	11/16-11/17/06	JHX611A3
		Dilution Factor: 1		Analysis Time..: 15:55	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.014	
Sodium	281 J J	602	mg/kg	SW846 6010B	11/16-11/17/06	JHX611A4
		Dilution Factor: 1		Analysis Time..: 15:55	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 18.8	
Nickel	7.9	4.8	mg/kg	SW846 6010B	11/16-11/17/06	JHX611A5
		Dilution Factor: 1		Analysis Time..: 15:55	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.15	
Lead	16.9	0.36	mg/kg	SW846 6010B	11/16-11/17/06	JHX611A6
		Dilution Factor: 1		Analysis Time..: 15:55	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.19	
Selenium	0.64	0.60	mg/kg	SW846 6010B	11/16-11/17/06	JHX611AA
		Dilution Factor: 1		Analysis Time..: 15:55	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.31	
Thallium	ND	1.2	mg/kg	SW846 6010B	11/16-11/17/06	JHX611AC
		Dilution Factor: 1		Analysis Time..: 15:55	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.55	

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The RETEC Group, Inc.

Client Sample ID: ~~TP5~~ TP6 (7) (HORZ 15)

TOTAL Metals 5/12/06

Lot-Sample #...: C6K030390-002 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	ND UJ	1.2	mg/kg	SW846 6010B	11/16-11/17/06	JHX611AD
		Dilution Factor: 1		Analysis Time..: 15:55	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.38	
Vanadium	10.1	6.0	mg/kg	SW846 6010B	11/16-11/17/06	JHX611AE
		Dilution Factor: 1		Analysis Time..: 15:55	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.12	
Zinc	24.5 J	2.4	mg/kg	SW846 6010B	11/16-11/17/06	JHX611AF
		Dilution Factor: 1		Analysis Time..: 15:55	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.20	
Prep Batch #...: 6324025						
Mercury	0.019 ~~B~~ J	0.040	mg/kg	SW846 7471A	11/20/06	JHX611AG
		Dilution Factor: 1		Analysis Time..: 09:20	Analyst ID.....: 031043	
		Instrument ID..: HGHYDRA		MS Run #.....: 6324017	MDL.....: 0.0096	

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.

The RETEC Group, Inc.

Client Sample ID: TP7S(7.5)(HORZ 0-10)

GC/MS Volatiles

Lot-Sample #...: C6K030390-001	**Work Order #...:** JHX601AC	**Matrix.....:** SO
Date Sampled...: 10/31/06	**Date Received..:** 11/03/06	**MS Run #.....:** 6310039
Prep Date.....: 11/06/06	**Analysis Date..:** 11/06/06	
Prep Batch #...: 6310052	**Analysis Time..:** 09:54	
Dilution Factor: 1	**Initial Wgt/Vol:** 5 g	**Final Wgt/Vol..:** 5 mL
% Moisture.....: 37	**Analyst ID.....:** 010099	**Instrument ID..:** HP3
	Method.....: SW846 8260B	

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND U	32	ug/kg	7.9
Benzene	ND	7.9	ug/kg	0.86
Bromodichloromethane	ND	7.9	ug/kg	0.39
Bromoform	ND	7.9	ug/kg	0.96
Bromomethane	ND	7.9	ug/kg	1.5
2-Butanone	ND	7.9	ug/kg	2.2
Carbon disulfide	ND	7.9	ug/kg	0.57
Carbon tetrachloride	ND	7.9	ug/kg	0.39
Chlorobenzene	ND	7.9	ug/kg	1.3
Chloroethane	ND	7.9	ug/kg	1.5
Chloroform	ND	7.9	ug/kg	0.39
Chloromethane	ND	7.9	ug/kg	0.45
Cyclohexane	ND	7.9	ug/kg	0.60
Dibromochloromethane	ND	7.9	ug/kg	0.41
1,2-Dibromo-3-chloro-propane	ND	7.9	ug/kg	0.73
1,2-Dibromoethane	ND	7.9	ug/kg	0.42
1,3-Dichlorobenzene	ND	7.9	ug/kg	1.4
1,4-Dichlorobenzene	ND	7.9	ug/kg	1.1
1,2-Dichlorobenzene	ND	7.9	ug/kg	1.5
Dichlorodifluoromethane	ND	7.9	ug/kg	0.80
1,1-Dichloroethane	ND	7.9	ug/kg	0.45
1,2-Dichloroethane	ND	7.9	ug/kg	0.48
1,1-Dichloroethene	ND	7.9	ug/kg	0.93
cis-1,2-Dichloroethene	ND	7.9	ug/kg	1.2
trans-1,2-Dichloroethene	ND	7.9	ug/kg	1.0
1,2-Dichloropropane	ND	7.9	ug/kg	0.99
cis-1,3-Dichloropropene	ND	7.9	ug/kg	0.45
trans-1,3-Dichloropropene	ND	7.9	ug/kg	0.44
Ethylbenzene	ND	7.9	ug/kg	1.5
2-Hexanone	ND	7.9	ug/kg	1.3
Isopropylbenzene	**4.1 J**	**7.9**	**ug/kg**	**1.8**
Methyl acetate	ND	7.9	ug/kg	3.9
Methylene chloride	~~4.3 J,B~~ 7.9U	**7.9**	**ug/kg**	**2.1**
Methylcyclohexane	ND	7.9	ug/kg	1.2
4-Methyl-2-pentanone	ND	7.9	ug/kg	1.3
Methyl tert-butyl ether	ND	7.9	ug/kg	0.65

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The RETEC Group, Inc.

Client Sample ID: TP7S(7.5)(HORZ 0-10)

GC/MS Volatiles

Lot-Sample #...: C6K030390-001 **Work Order #...:** JHX601AC **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Styrene	ND	7.9	ug/kg	1.3
1,1,2,2-Tetrachloroethane	ND	7.9	ug/kg	0.71
1,2,4-Trichloro-benzene	ND	7.9	ug/kg	2.2
Tetrachloroethene	ND	7.9	ug/kg	1.2
1,1,1-Trichloroethane	ND	7.9	ug/kg	0.43
1,1,2-Trichloroethane	ND	7.9	ug/kg	1.1
Trichloroethene	ND	7.9	ug/kg	1.4
Trichlorofluoromethane	ND	7.9	ug/kg	1.9
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	7.9	ug/kg	0.55
Vinyl chloride	ND	7.9	ug/kg	1.0
Xylenes (total)	ND	24	ug/kg	4.3
Toluene	ND	7.9	ug/kg	0.93

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	76	(52 - 124)
Toluene-d8	106	(72 - 127)
4-Bromofluorobenzene	93	(63 - 120)
Dibromofluoromethane	89	(68 - 121)

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.

The RETEC Group, Inc.

Client Sample ID: TP7S(7.5)(HORZ 0-10)

GC/MS Semivolatiles

Lot-Sample #...: C6K030390-001	Work Order #...: JHX601AD	Matrix.....: SO
Date Sampled...: 10/31/06 10:00	Date Received..: 11/03/06 09:40	MS Run #.....: 6312005
Prep Date.....: 11/08/06	Analysis Date..: 11/20/06	
Prep Batch #...: 6312013	Analysis Time..: 18:20	
Dilution Factor: 40	Initial Wgt/Vol: 15 g	Final Wgt/Vol..: 0.5 mL
% Moisture.....: 37	Analyst ID.....: 003200	Instrument ID..: 731
	Method.....: SW846 8270C	

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	**3100 J**	**21000**	**ug/kg**	**460**
Acenaphthylene	**6900 J**	**21000**	**ug/kg**	**440**
Acetophenone	ND	21000	ug/kg	5300
Anthracene	**7300 J**	**21000**	**ug/kg**	**480**
Atrazine	ND	21000	ug/kg	5300
Benzo(a)anthracene	**34000**	**21000**	**ug/kg**	**460**
Benzo(a)pyrene	**45000**	**21000**	**ug/kg**	**350**
Benzo(b)fluoranthene	**49000**	**21000**	**ug/kg**	**420**
Benzo(ghi)perylene	**23000**	**21000**	**ug/kg**	**400**
Benzo(k)fluoranthene	**16000 J**	**21000**	**ug/kg**	**410**
Benzaldehyde	ND	21000	ug/kg	4700
1,1'-Biphenyl	ND	21000	ug/kg	5300
bis(2-Chloroethoxy) methane	ND	21000	ug/kg	470
bis(2-Chloroethyl)-ether	ND	21000	ug/kg	410
bis(2-Ethylhexyl) phthalate	ND	21000	ug/kg	1300
4-Bromophenyl phenyl ether	ND	21000	ug/kg	1100
Butyl benzyl phthalate	ND	21000	ug/kg	470
Caprolactam	ND	21000	ug/kg	5300
Carbazole	**1600 J**	**21000**	**ug/kg**	**480**
4-Chloroaniline	ND	21000	ug/kg	1100
4-Chloro-3-methylphenol	ND	21000	ug/kg	460
2-Chloronaphthalene	ND	21000	ug/kg	450
2-Chlorophenol	ND	21000	ug/kg	330
4-Chlorophenyl phenyl ether	ND	21000	ug/kg	430
Chrysene	**27000**	**21000**	**ug/kg**	**410**
Dibenz(a,h)anthracene	**6400 J**	**21000**	**ug/kg**	**340**
Dibenzofuran	**5000 J**	**21000**	**ug/kg**	**470**
3,3'-Dichlorobenzidine	ND	100000	ug/kg	520
2,4-Dichlorophenol	ND	21000	ug/kg	400
Diethyl phthalate	ND	21000	ug/kg	420
2,4-Dimethylphenol	ND	21000	ug/kg	340
Dimethyl phthalate	ND	21000	ug/kg	440

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The RETEC Group, Inc.

Client Sample ID: TP7S(7.5)(HORZ 0-10)

GC/MS Semivolatiles

Lot-Sample #...: C6K030390-001 Work Order #...: JHX601AD Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-butyl phthalate	ND	21000	ug/kg	2600
4,6-Dinitro-2-methylphenol	ND	100000	ug/kg	53000
2,4-Dinitrophenol	ND	100000	ug/kg	53000
2,4-Dinitrotoluene	ND	21000	ug/kg	220
2,6-Dinitrotoluene	ND	21000	ug/kg	300
Di-n-octyl phthalate	ND	21000	ug/kg	490
Fluoranthene	**62000**	**21000**	**ug/kg**	**450**
Fluorene	**6100 J**	**21000**	**ug/kg**	**500**
Hexachlorobenzene	ND	21000	ug/kg	420
Hexachlorobutadiene	ND	21000	ug/kg	410
Hexachlorocyclopentadiene	ND	100000	ug/kg	1700
Hexachloroethane	ND	21000	ug/kg	400
Indeno(1,2,3-cd)pyrene	**24000**	**21000**	**ug/kg**	**420**
Isophorone	ND	21000	ug/kg	400
2-Methylnaphthalene	**530 J**	**21000**	**ug/kg**	**510**
2-Methylphenol	ND	21000	ug/kg	470
4-Methylphenol	ND	21000	ug/kg	470
Naphthalene	**1900 J**	**21000**	**ug/kg**	**500**
2-Nitroaniline	ND	100000	ug/kg	260
3-Nitroaniline	ND	100000	ug/kg	11000
4-Nitroaniline	ND	100000	ug/kg	290
Nitrobenzene	ND	21000	ug/kg	680
2-Nitrophenol	ND	21000	ug/kg	380
4-Nitrophenol	ND	100000	ug/kg	280
N-Nitrosodi-n-propylamine	ND	21000	ug/kg	430
N-Nitrosodiphenylamine	ND	21000	ug/kg	4400
2,2'-oxybis(1-Chloropropane)	ND	21000	ug/kg	300
Pentachlorophenol	ND	100000	ug/kg	29000
Phenanthrene	**6800 J**	**21000**	**ug/kg**	**500**
Phenol	ND	21000	ug/kg	430
Pyrene	**47000**	**21000**	**ug/kg**	**510**
2,4,5-Trichlorophenol	ND	21000	ug/kg	1200
2,4,6-Trichlorophenol	ND	21000	ug/kg	360

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The RETEC Group, Inc.

Client Sample ID: TP7S(7.5)(HORZ 0-10)

GC/MS Semivolatiles

Lot-Sample #...: C6K030390-001 Work Order #...: JHX601AD Matrix.....: SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	NC,DIL	(21 - 144)
2-Fluorobiphenyl	NC,DIL	(26 - 128)
2-Fluorophenol	NC,DIL	(34 - 115)
Nitrobenzene-d5	NC,DIL	(30 - 118)
Phenol-d5	NC,DIL	(35 - 117)
Terphenyl-d14	NC,DIL	(40 - 115)

NOTE(S):

NC The recovery and/or RPD were not calculated.

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.

The RETEC Group, Inc.

Client Sample ID: TP7S(7.5)(HORZ 0-10)

TOTAL Metals

Lot-Sample #...: C6K030390-001 Matrix.....: SO
Date Sampled...: 10/31/06 Date Received..: 11/03/06
% Moisture.....: 37

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 6318071						
Silver	ND	0.79	mg/kg	SW846 6010B	11/16-11/17/06	JHX601AE
		Dilution Factor: 1		Analysis Time..: 15:50	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.047	
Aluminum	5380 ~~B~~ J	31.6	mg/kg	SW846 6010B	11/16-11/17/06	JHX601AF
		Dilution Factor: 1		Analysis Time..: 15:50	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 1.3	
Arsenic	6.3	1.6	mg/kg	SW846 6010B	11/16-11/17/06	JHX601AG
		Dilution Factor: 1		Analysis Time..: 15:50	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.52	
Barium	51.4	31.6	mg/kg	SW846 6010B	11/16-11/17/06	JHX601AH
		Dilution Factor: 1		Analysis Time..: 15:50	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.16	
Beryllium	0.47 ~~B~~ J	0.63	mg/kg	SW846 6010B	11/16-11/17/06	JHX601AJ
		Dilution Factor: 1		Analysis Time..: 15:50	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.066	
Calcium	93600	789	mg/kg	SW846 6010B	11/16-11/17/06	JHX601AK
		Dilution Factor: 1		Analysis Time..: 15:50	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 6.2	
Cadmium	ND	0.79	mg/kg	SW846 6010B	11/16-11/17/06	JHX601AL
		Dilution Factor: 1		Analysis Time..: 15:50	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.11	
Cobalt	4.7 ~~B~~ J	7.9	mg/kg	SW846 6010B	11/16-11/17/06	JHX601AM
		Dilution Factor: 1		Analysis Time..: 15:50	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.083	
Chromium	6.9	0.79	mg/kg	SW846 6010B	11/16-11/17/06	JHX601AN
		Dilution Factor: 1		Analysis Time..: 15:50	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.15	

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The RETEC Group, Inc.

Client Sample ID: TP7S(7.5)(HORZ 0-10)

TOTAL Metals

Lot-Sample #...: C6K030390-001 **Matrix.....: SO**

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Copper	**16.9 J**	**3.9**	**mg/kg**	**SW846 6010B**	**11/16-11/17/06**	**JHX601AP**
		Dilution Factor: 1		Analysis Time..: 15:50	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.18	
Iron	**9540**	**15.8**	**mg/kg**	**SW846 6010B**	**11/16-11/17/06**	**JHX601AQ**
		Dilution Factor: 1		Analysis Time..: 15:50	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 2.8	
Potassium	~~673 B,J~~ 789 U	**789**	**mg/kg**	**SW846 6010B**	**11/16-11/17/06**	**JHX601AR**
		Dilution Factor: 1		Analysis Time..: 15:50	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 11.8	
Magnesium	**4110**	**789**	**mg/kg**	**SW846 6010B**	**11/16-11/17/06**	**JHX601AT**
		Dilution Factor: 1		Analysis Time..: 15:50	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 1.6	
Manganese	**226 J-**	**2.4**	**mg/kg**	**SW846 6010B**	**11/16-11/17/06**	**JHX601AU**
		Dilution Factor: 1		Analysis Time..: 15:50	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.018	
Sodium	**865**	**789**	**mg/kg**	**SW846 6010B**	**11/16-11/17/06**	**JHX601AV**
		Dilution Factor: 1		Analysis Time..: 15:50	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 24.7	
Nickel	**8.1**	**6.3**	**mg/kg**	**SW846 6010B**	**11/16-11/17/06**	**JHX601AW**
		Dilution Factor: 1		Analysis Time..: 15:50	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.19	
Lead	**59.6**	**0.47**	**mg/kg**	**SW846 6010B**	**11/16-11/17/06**	**JHX601AX**
		Dilution Factor: 1		Analysis Time..: 15:50	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.25	
Selenium	**0.92**	**0.79**	**mg/kg**	**SW846 6010B**	**11/16-11/17/06**	**JHX601A0**
		Dilution Factor: 1		Analysis Time..: 15:50	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.41	
Thallium	ND	1.6	mg/kg	SW846 6010B	11/16-11/17/06	JHX601A1
		Dilution Factor: 1		Analysis Time..: 15:50	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.72	

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The RETEC Group, Inc.

Client Sample ID: TP7S(7.5)(HORZ 0-10)

TOTAL Metals

Lot-Sample #...: C6K030390-001 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	ND UJ	1.6	mg/kg	SW846 6010B	11/16-11/17/06	JHX601A2
		Dilution Factor: 1		Analysis Time..: 15:50	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.50	
Vanadium	12.5	7.9	mg/kg	SW846 6010B	11/16-11/17/06	JHX601A3
		Dilution Factor: 1		Analysis Time..: 15:50	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.16	
Zinc	28.6 J	3.2	mg/kg	SW846 6010B	11/16-11/17/06	JHX601A4
		Dilution Factor: 1		Analysis Time..: 15:50	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.27	
Prep Batch #...: 6324025						
Mercury	0.30	0.052	mg/kg	SW846 7471A	11/20/06	JHX601A5
		Dilution Factor: 1		Analysis Time..: 09:18	Analyst ID.....: 031043	
		Instrument ID..: HGHYDRA		MS Run #.....: 6324017	MDL.....: 0.013	

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.

The RETEC Group, Inc.

Client Sample ID: SB10(10.5-11.5)

GC/MS Volatiles

Lot-Sample #...: C6K080197-007	Work Order #...: JH7GQ1AK	Matrix.....: SO	
Date Sampled...: 11/07/06	Date Received..: 11/08/06	MS Run #.....: 6316021	
Prep Date.....: 11/12/06	Analysis Date..: 11/13/06		
Prep Batch #...: 6316062	Analysis Time..: 01:58		
Dilution Factor: 1	Initial Wgt/Vol: 5 g	Final Wgt/Vol..: 5 mL	
% Moisture.....: 15	Analyst ID.....: 010099	Instrument ID..: HP3	
	Method.....: SW846 8260B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	24	ug/kg	5.9
Benzene	ND	5.9	ug/kg	0.65
Bromodichloromethane	ND	5.9	ug/kg	0.30
Bromoform	ND	5.9	ug/kg	0.72
Bromomethane	ND	5.9	ug/kg	1.1
2-Butanone	ND	5.9	ug/kg	1.7
Carbon disulfide	ND	5.9	ug/kg	0.43
Carbon tetrachloride	ND	5.9	ug/kg	0.30
Chlorobenzene	ND	5.9	ug/kg	1.0
Chloroethane	ND	5.9	ug/kg	1.1
Chloroform	ND	5.9	ug/kg	0.30
Chloromethane	ND	5.9	ug/kg	0.34
Cyclohexane	ND	5.9	ug/kg	0.45
Dibromochloromethane	ND	5.9	ug/kg	0.31
1,2-Dibromo-3-chloro-propane	ND	5.9	ug/kg	0.55
1,2-Dibromoethane	ND	5.9	ug/kg	0.32
1,3-Dichlorobenzene	ND	5.9	ug/kg	1.1
1,4-Dichlorobenzene	ND	5.9	ug/kg	0.81
1,2-Dichlorobenzene	ND	5.9	ug/kg	1.1
Dichlorodifluoromethane	ND	5.9	ug/kg	0.60
1,1-Dichloroethane	ND	5.9	ug/kg	0.34
1,2-Dichloroethane	ND	5.9	ug/kg	0.36
1,1-Dichloroethene	ND	5.9	ug/kg	0.70
cis-1,2-Dichloroethene	ND	5.9	ug/kg	0.88
trans-1,2-Dichloroethene	ND	5.9	ug/kg	0.77
1,2-Dichloropropane	ND	5.9	ug/kg	0.74
cis-1,3-Dichloropropene	ND	5.9	ug/kg	0.34
trans-1,3-Dichloropropene	ND	5.9	ug/kg	0.33
Ethylbenzene	ND	5.9	ug/kg	1.1
2-Hexanone	ND	5.9	ug/kg	0.96
Isopropylbenzene	ND	5.9	ug/kg	1.3
Methyl acetate	ND	5.9	ug/kg	3.0
Methylene chloride 5.9	~~3.5 J,B~~ UL	**5.9**	**ug/kg**	**1.6**
Methylcyclohexane	ND	5.9	ug/kg	0.92
4-Methyl-2-pentanone	ND	5.9	ug/kg	1.0
Methyl tert-butyl ether	ND	5.9	ug/kg	0.48

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GMP
1-21-07

The RETEC Group, Inc.

Client Sample ID: SB10(10.5-11.5)

GC/MS Volatiles

Lot-Sample #...: C6K080197-007 **Work Order #...:** JH7GQ1AK **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Styrene	ND	5.9	ug/kg	0.95
1,1,2,2-Tetrachloroethane	ND	5.9	ug/kg	0.53
1,2,4-Trichloro-benzene	ND	5.9	ug/kg	1.6
Tetrachloroethene	ND	5.9	ug/kg	0.91
1,1,1-Trichloroethane	ND	5.9	ug/kg	0.32
1,1,2-Trichloroethane	ND	5.9	ug/kg	0.80
Trichloroethene	ND	5.9	ug/kg	1.0
Trichlorofluoromethane	ND	5.9	ug/kg	1.4
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	5.9	ug/kg	0.41
Vinyl chloride	ND	5.9	ug/kg	0.78
Xylenes (total)	ND	18	ug/kg	3.2
Toluene	ND	5.9	ug/kg	0.70

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	80	(52 - 124)
Toluene-d8	102	(72 - 127)
4-Bromofluorobenzene	96	(63 - 120)
Dibromofluoromethane	92	(68 - 121)

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.

The RETEC Group, Inc.

Client Sample ID: SB10(10.5-11.5)

GC/MS Semivolatiles

Lot-Sample #...:	C6K080197-007	Work Order #...:	JH7GQ1AL	Matrix.....:	SO
Date Sampled...:	11/07/06	Date Received..:	11/08/06	MS Run #.....:	6313010
Prep Date.....:	11/09/06	Analysis Date..:	11/16/06		
Prep Batch #...:	6313022	Analysis Time..:	15:23		
Dilution Factor:	1	Initial Wgt/Vol:	15 g	Final Wgt/Vol..:	0.5 mL
% Moisture.....:	15	Analyst ID.....:	007062	Instrument ID..:	732
		Method.....:	SW846 8270C		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	**24 J**	**390**	**ug/kg**	**8.6**
Acenaphthylene	ND	390	ug/kg	8.2
Acetophenone	ND	390	ug/kg	98
Anthracene	**26 J**	**390**	**ug/kg**	**9.0**
Atrazine	ND	390	ug/kg	98
Benzo(a)anthracene	**52 J**	**390**	**ug/kg**	**8.6**
Benzo(a)pyrene	**43 J**	**390**	**ug/kg**	**6.6**
Benzo(b)fluoranthene	**44 J**	**390**	**ug/kg**	**7.9**
Benzo(ghi)perylene	**41 J**	**390**	**ug/kg**	**7.5**
Benzo(k)fluoranthene	**18 J**	**390**	**ug/kg**	**7.7**
Benzaldehyde	ND	390	ug/kg	88
1,1'-Biphenyl	ND	390	ug/kg	98
bis(2-Chloroethoxy) methane	ND	390	ug/kg	8.8
bis(2-Chloroethyl)- ether	ND	390	ug/kg	7.7
bis(2-Ethylhexyl) phthalate	ND	390	ug/kg	24
4-Bromophenyl phenyl ether	ND	390	ug/kg	20
Butyl benzyl phthalate	ND	390	ug/kg	8.7
Caprolactam	ND	390	ug/kg	98
Carbazole	ND	390	ug/kg	9.1
4-Chloroaniline	ND	390	ug/kg	20
4-Chloro-3-methylphenol	ND	390	ug/kg	8.6
2-Chloronaphthalene	ND	390	ug/kg	8.4
2-Chlorophenol	ND	390	ug/kg	6.2
4-Chlorophenyl phenyl ether	ND	390	ug/kg	8.0
Chrysene	**55 J**	**390**	**ug/kg**	**7.7**
Dibenz(a,h)anthracene	ND	390	ug/kg	6.4
Dibenzofuran	**13 J**	**390**	**ug/kg**	**8.9**
3,3'-Dichlorobenzidine	ND	1900	ug/kg	9.7
2,4-Dichlorophenol	ND	390	ug/kg	7.4
Diethyl phthalate	ND	390	ug/kg	7.9
2,4-Dimethylphenol	ND	390	ug/kg	6.3
Dimethyl phthalate	ND	390	ug/kg	8.2

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The RETEC Group, Inc.

Client Sample ID: SB10(10.5-11.5)

GC/MS Semivolatiles

Lot-Sample #...: C6K080197-007 Work Order #...: JH7GQ1AL Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-butyl phthalate	ND	390	ug/kg	48
4,6-Dinitro-2-methylphenol	ND	1900	ug/kg	980
2,4-Dinitrophenol	ND	1900	ug/kg	980
2,4-Dinitrotoluene	ND	390	ug/kg	4.1
2,6-Dinitrotoluene	ND	390	ug/kg	5.6
Di-n-octyl phthalate	ND	390	ug/kg	9.1
Fluoranthene	**86 J**	**390**	**ug/kg**	**8.3**
Fluorene	**19 J**	**390**	**ug/kg**	**9.4**
Hexachlorobenzene	ND	390	ug/kg	7.9
Hexachlorobutadiene	ND	390	ug/kg	7.7
Hexachlorocyclopentadiene	ND	1900	ug/kg	32
Hexachloroethane	ND	390	ug/kg	7.6
Indeno(1,2,3-cd)pyrene	**44 J**	**390**	**ug/kg**	**7.8**
Isophorone	ND	390	ug/kg	7.5
2-Methylnaphthalene	ND	390	ug/kg	9.6
2-Methylphenol	ND	390	ug/kg	8.8
4-Methylphenol	ND	390	ug/kg	8.8
Naphthalene	ND	390	ug/kg	9.4
2-Nitroaniline	ND	1900	ug/kg	4.9
3-Nitroaniline	ND	1900	ug/kg	200
4-Nitroaniline	ND	1900	ug/kg	5.5
Nitrobenzene	ND	390	ug/kg	13
2-Nitrophenol	ND	390	ug/kg	7.1
4-Nitrophenol	ND	1900	ug/kg	5.3
N-Nitrosodi-n-propylamine	ND	390	ug/kg	8.0
N-Nitrosodiphenylamine	ND	390	ug/kg	82
2,2'-oxybis(1-Chloropropane)	ND UJ	390	ug/kg	5.7
Pentachlorophenol	ND	1900	ug/kg	540
Phenanthrene	**54 J**	**390**	**ug/kg**	**9.4**
Phenol	ND	390	ug/kg	8.1
Pyrene	**120 J**	**390**	**ug/kg**	**9.6**
2,4,5-Trichlorophenol	ND	390	ug/kg	22
2,4,6-Trichlorophenol	ND	390	ug/kg	6.7

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YLP
1-21-07

The RETEC Group, Inc.

Client Sample ID: SB10(10.5-11.5)

GC/MS Semivolatiles

Lot-Sample #...: C6K080197-007 Work Order #...: JH7GQ1AL Matrix.....: SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	71	(21 - 144)
2-Fluorobiphenyl	83	(26 - 128)
2-Fluorophenol	77	(34 - 115)
Nitrobenzene-d5	68	(30 - 118)
Phenol-d5	61	(35 - 117)
Terphenyl-d14	81	(40 - 115)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

The RETEC Group, Inc.

Client Sample ID: SB10(10.5-11.5)

TOTAL Metals

Lot-Sample #...: C6K080197-007 Matrix.....: SO
Date Sampled...: 11/07/06 Date Received..: 11/08/06
% Moisture.....: 15

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 6318071						
Silver	ND	0.59	mg/kg	SW846 6010B	11/16-11/17/06	JH7GQ1AM
	Dilution Factor: 1	Analysis Time..: 15:44		Analyst ID.....: 402249		
	Instrument ID..: TRACEICP	MS Run #.....: 6318047		MDL.....: 0.035		
Aluminum	4380 J	23.6	mg/kg	SW846 6010B	11/16-11/17/06	JH7GQ1AN
	Dilution Factor: 1	Analysis Time..: 15:44		Analyst ID.....: 402249		
	Instrument ID..: TRACEICP	MS Run #.....: 6318047		MDL.....: 0.94		
Arsenic	9.6	1.2	mg/kg	SW846 6010B	11/16-11/17/06	JH7GQ1AP
	Dilution Factor: 1	Analysis Time..: 15:44		Analyst ID.....: 402249		
	Instrument ID..: TRACEICP	MS Run #.....: 6318047		MDL.....: 0.39		
Barium	29.8	23.6	mg/kg	SW846 6010B	11/16-11/17/06	JH7GQ1AQ
	Dilution Factor: 1	Analysis Time..: 15:44		Analyst ID.....: 402249		
	Instrument ID..: TRACEICP	MS Run #.....: 6318047		MDL.....: 0.12		
Beryllium	0.46 B J	0.47	mg/kg	SW846 6010B	11/16-11/17/06	JH7GQ1AR
	Dilution Factor: 1	Analysis Time..: 15:44		Analyst ID.....: 402249		
	Instrument ID..: TRACEICP	MS Run #.....: 6318047		MDL.....: 0.049		
Calcium	12800	591	mg/kg	SW846 6010B	11/16-11/17/06	JH7GQ1AT
	Dilution Factor: 1	Analysis Time..: 15:44		Analyst ID.....: 402249		
	Instrument ID..: TRACEICP	MS Run #.....: 6318047		MDL.....: 4.7		
Cadmium	ND	0.59	mg/kg	SW846 6010B	11/16-11/17/06	JH7GQ1AU
	Dilution Factor: 1	Analysis Time..: 15:44		Analyst ID.....: 402249		
	Instrument ID..: TRACEICP	MS Run #.....: 6318047		MDL.....: 0.082		
Cobalt	4.8 B J	5.9	mg/kg	SW846 6010B	11/16-11/17/06	JH7GQ1AV
	Dilution Factor: 1	Analysis Time..: 15:44		Analyst ID.....: 402249		
	Instrument ID..: TRACEICP	MS Run #.....: 6318047		MDL.....: 0.062		
Chromium	6.4	0.59	mg/kg	SW846 6010B	11/16-11/17/06	JH7GQ1AW
	Dilution Factor: 1	Analysis Time..: 15:44		Analyst ID.....: 402249		
	Instrument ID..: TRACEICP	MS Run #.....: 6318047		MDL.....: 0.11		

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Yup
1-21-07

The RETEC Group, Inc.

Client Sample ID: SB10(10.5-11.5)

TOTAL Metals

Lot-Sample #...: C6K080197-007 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Copper	11.9 J	3.0	mg/kg	SW846 6010B	11/16-11/17/06	JH7GQ1AX
		Dilution Factor: 1		Analysis Time..: 15:44	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.14	
Iron	11000	11.8	mg/kg	SW846 6010B	11/16-11/17/06	JH7GQ1A0
		Dilution Factor: 1		Analysis Time..: 15:44	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 2.1	
Potassium	691 J	591	mg/kg	SW846 6010B	11/16-11/17/06	JH7GQ1A1
		Dilution Factor: 1		Analysis Time..: 15:44	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 8.9	
Magnesium	2470	591	mg/kg	SW846 6010B	11/16-11/17/06	JH7GQ1A2
		Dilution Factor: 1		Analysis Time..: 15:44	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 1.2	
Manganese	206	1.8	mg/kg	SW846 6010B	11/16-11/17/06	JH7GQ1A3
		Dilution Factor: 1		Analysis Time..: 15:44	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.013	
Sodium	75.0 B J	591	mg/kg	SW846 6010B	11/16-11/17/06	JH7GQ1A4
		Dilution Factor: 1		Analysis Time..: 15:44	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 18.5	
Nickel	9.6	4.7	mg/kg	SW846 6010B	11/16-11/17/06	JH7GQ1A5
		Dilution Factor: 1		Analysis Time..: 15:44	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.15	
Lead	9.1	0.35	mg/kg	SW846 6010B	11/16-11/17/06	JH7GQ1A6
		Dilution Factor: 1		Analysis Time..: 15:44	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.19	
Selenium	0.58 B J	0.59	mg/kg	SW846 6010B	11/16-11/17/06	JH7GQ1AA
		Dilution Factor: 1		Analysis Time..: 15:44	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.31	
Thallium	ND	1.2	mg/kg	SW846 6010B	11/16-11/17/06	JH7GQ1AC
		Dilution Factor: 1		Analysis Time..: 15:44	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.54	

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GJP
1-21-07

The RETEC Group, Inc.

Client Sample ID: SB10(10.5-11.5)

TOTAL Metals

Lot-Sample #...: C6K080197-007 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	ND	1.2	mg/kg	SW846 6010B	11/16-11/17/06	JH7GQ1AD
		Dilution Factor: 1		Analysis Time..: 15:44	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.38	
Vanadium	10.8	5.9	mg/kg	SW846 6010B	11/16-11/17/06	JH7GQ1AE
		Dilution Factor: 1		Analysis Time..: 15:44	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.12	
Zinc	32.6 J	2.4	mg/kg	SW846 6010B	11/16-11/17/06	JH7GQ1AF
		Dilution Factor: 1		Analysis Time..: 15:44	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.20	
Prep Batch #...: 6325037						
Mercury	0.031 B J	0.039	mg/kg	SW846 7471A	11/21/06	JH7GQ1AG
		Dilution Factor: 1		Analysis Time..: 10:33	Analyst ID.....: 031043	
		Instrument ID..: HGHYDRA		MS Run #.....: 6325025	MDL.....: 0.0095	

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.

1-21-07

The RETEC Group, Inc.

Client Sample ID: SB10(28-30)

GC/MS Volatiles

Lot-Sample #...: C6K080197-008	**Work Order #...:** JH7G01AK	**Matrix.....:** SO	
Date Sampled...: 11/07/06	**Date Received..:** 11/08/06	**MS Run #.....:** 6316021	
Prep Date.....: 11/12/06	**Analysis Date..:** 11/13/06		
Prep Batch #...: 6316062	**Analysis Time..:** 02:22		
Dilution Factor: 1	**Initial Wgt/Vol:** 5 g	**Final Wgt/Vol..:** 5 mL	
% Moisture.....: 22	**Analyst ID.....:** 010099	**Instrument ID..:** HP3	
	Method.....: SW846 8260B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	26	ug/kg	6.4
Benzene	ND	6.4	ug/kg	0.70
Bromodichloromethane	ND	6.4	ug/kg	0.32
Bromoform	ND	6.4	ug/kg	0.78
Bromomethane	ND	6.4	ug/kg	1.2
2-Butanone	ND	6.4	ug/kg	1.8
Carbon disulfide	ND	6.4	ug/kg	0.46
Carbon tetrachloride	ND	6.4	ug/kg	0.32
Chlorobenzene	ND	6.4	ug/kg	1.1
Chloroethane	ND	6.4	ug/kg	1.2
Chloroform	ND	6.4	ug/kg	0.32
Chloromethane	ND	6.4	ug/kg	0.37
Cyclohexane	ND	6.4	ug/kg	0.48
Dibromochloromethane	ND	6.4	ug/kg	0.33
1,2-Dibromo-3-chloro-propane	ND	6.4	ug/kg	0.60
1,2-Dibromoethane	ND	6.4	ug/kg	0.34
1,3-Dichlorobenzene	ND	6.4	ug/kg	1.2
1,4-Dichlorobenzene	ND	6.4	ug/kg	0.88
1,2-Dichlorobenzene	ND	6.4	ug/kg	1.2
Dichlorodifluoromethane	ND	6.4	ug/kg	0.65
1,1-Dichloroethane	ND	6.4	ug/kg	0.37
1,2-Dichloroethane	ND	6.4	ug/kg	0.39
1,1-Dichloroethene	ND	6.4	ug/kg	0.76
cis-1,2-Dichloroethene	ND	6.4	ug/kg	0.96
trans-1,2-Dichloroethene	ND	6.4	ug/kg	0.84
1,2-Dichloropropane	ND	6.4	ug/kg	0.81
cis-1,3-Dichloropropene	ND	6.4	ug/kg	0.37
trans-1,3-Dichloropropene	ND	6.4	ug/kg	0.35
Ethylbenzene	ND	6.4	ug/kg	1.2
2-Hexanone	ND	6.4	ug/kg	1.0
Isopropylbenzene	ND	6.4	ug/kg	1.4
Methyl acetate	ND	6.4	ug/kg	3.2
Methylene chloride	6.4 ~~3.9 J,B~~ U	**6.4**	**ug/kg**	1.7
Methylcyclohexane	ND	6.4	ug/kg	1.0
4-Methyl-2-pentanone	ND	6.4	ug/kg	1.1
Methyl tert-butyl ether	ND	6.4	ug/kg	0.53

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GLP
1-21-07

The RETEC Group, Inc.

Client Sample ID: SB10(28-30)

GC/MS Volatiles

Lot-Sample #...: C6K080197-008 Work Order #...: JH7G01AK Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Styrene	ND	6.4	ug/kg	1.0
1,1,2,2-Tetrachloroethane	ND	6.4	ug/kg	0.58
1,2,4-Trichloro-benzene	ND	6.4	ug/kg	1.8
Tetrachloroethene	ND	6.4	ug/kg	0.99
1,1,1-Trichloroethane	ND	6.4	ug/kg	0.35
1,1,2-Trichloroethane	ND	6.4	ug/kg	0.87
Trichloroethene	ND	6.4	ug/kg	1.1
Trichlorofluoromethane	ND	6.4	ug/kg	1.5
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	6.4	ug/kg	0.44
Vinyl chloride	ND	6.4	ug/kg	0.84
Xylenes (total)	ND	19	ug/kg	3.5
Toluene	ND	6.4	ug/kg	0.76

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	81	(52 - 124)
Toluene-d8	104	(72 - 127)
4-Bromofluorobenzene	96	(63 - 120)
Dibromofluoromethane	92	(68 - 121)

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.

The RETEC Group, Inc.

Client Sample ID: SB10(28-30)

GC/MS Semivolatiles

Lot-Sample #...:	C6K080197-008	Work Order #...:	JH7G01AL	Matrix.....:	SO
Date Sampled...:	11/07/06	Date Received..:	11/08/06	MS Run #.....:	6313010
Prep Date.....:	11/09/06	Analysis Date..:	11/16/06		
Prep Batch #...:	6313022	Analysis Time..:	15:51		
Dilution Factor:	1	Initial Wgt/Vol:	15 g	Final Wgt/Vol..:	0.5 mL
% Moisture.....:	22	Analyst ID.....:	007062	Instrument ID..:	732
		Method.....:	SW846 8270C		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	420	ug/kg	9.3
Acenaphthylene	ND	420	ug/kg	9.0
Acetophenone	ND	420	ug/kg	110
Anthracene	ND	420	ug/kg	9.8
Atrazine	ND	420	ug/kg	110
Benzo(a)anthracene	ND	420	ug/kg	9.4
Benzo(a)pyrene	ND	420	ug/kg	7.2
Benzo(b)fluoranthene	ND	420	ug/kg	8.5
Benzo(ghi)perylene	ND	420	ug/kg	8.1
Benzo(k)fluoranthene	ND	420	ug/kg	8.4
Benzaldehyde	ND	420	ug/kg	95
1,1'-Biphenyl	ND	420	ug/kg	110
bis(2-Chloroethoxy) methane	ND	420	ug/kg	9.6
bis(2-Chloroethyl)-ether	ND	420	ug/kg	8.3
bis(2-Ethylhexyl) phthalate	ND	420	ug/kg	27
4-Bromophenyl phenyl ether	ND	420	ug/kg	21
Butyl benzyl phthalate	ND	420	ug/kg	9.5
Caprolactam	ND	420	ug/kg	110
Carbazole	ND	420	ug/kg	9.8
4-Chloroaniline	ND	420	ug/kg	21
4-Chloro-3-methylphenol	ND	420	ug/kg	9.3
2-Chloronaphthalene	ND	420	ug/kg	9.1
2-Chlorophenol	ND	420	ug/kg	6.8
4-Chlorophenyl phenyl ether	ND	420	ug/kg	8.7
Chrysene	ND	420	ug/kg	8.4
Dibenz(a,h)anthracene	ND	420	ug/kg	7.0
Dibenzofuran	ND	420	ug/kg	9.6
3,3'-Dichlorobenzidine	ND	2100	ug/kg	11
2,4-Dichlorophenol	ND	420	ug/kg	8.1
Diethyl phthalate	ND	420	ug/kg	8.6
2,4-Dimethylphenol	ND	420	ug/kg	6.9
Dimethyl phthalate	ND	420	ug/kg	9.0

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The RETEC Group, Inc.

Client Sample ID: SB10(28-30)

GC/MS Semivolatiles

Lot-Sample #...: C6K080197-008 Work Order #...: JH7G01AL Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-butyl phthalate	ND	420	ug/kg	52
4,6-Dinitro-2-methylphenol	ND	2100	ug/kg	1100
2,4-Dinitrophenol	ND	2100	ug/kg	1100
2,4-Dinitrotoluene	ND	420	ug/kg	4.5
2,6-Dinitrotoluene	ND	420	ug/kg	6.1
Di-n-octyl phthalate	ND	420	ug/kg	9.9
Fluoranthene	ND	420	ug/kg	9.1
Fluorene	ND	420	ug/kg	10
Hexachlorobenzene	ND	420	ug/kg	8.6
Hexachlorobutadiene	ND	420	ug/kg	8.4
Hexachlorocyclopentadiene	ND	2100	ug/kg	34
Hexachloroethane	ND	420	ug/kg	8.2
Indeno(1,2,3-cd)pyrene	ND	420	ug/kg	8.5
Isophorone	ND	420	ug/kg	8.2
2-Methylnaphthalene	ND	420	ug/kg	10
2-Methylphenol	ND	420	ug/kg	9.5
4-Methylphenol	ND	420	ug/kg	9.6
Naphthalene	ND	420	ug/kg	10
2-Nitroaniline	ND	2100	ug/kg	5.3
3-Nitroaniline	ND	2100	ug/kg	220
4-Nitroaniline	ND	2100	ug/kg	6.0
Nitrobenzene	ND	420	ug/kg	14
2-Nitrophenol	ND	420	ug/kg	7.7
4-Nitrophenol	ND	2100	ug/kg	5.7
N-Nitrosodi-n-propylamine	ND	420	ug/kg	8.7
N-Nitrosodiphenylamine	ND	420	ug/kg	89
2,2'-oxybis(1-Chloropropane)	ND UJ	420	ug/kg	6.2
Pentachlorophenol	ND	2100	ug/kg	590
Phenanthrene	ND	420	ug/kg	10
Phenol	ND	420	ug/kg	8.8
Pyrene	ND	420	ug/kg	10
2,4,5-Trichlorophenol	ND	420	ug/kg	24
2,4,6-Trichlorophenol	ND	420	ug/kg	7.3

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Yup
1-24-07

The RETEC Group, Inc.

Client Sample ID: SB10(28-30)

GC/MS Semivolatiles

Lot-Sample #...: C6K080197-008 Work Order #...: JH7G01AL Matrix.....: SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	84	(21 - 144)
2-Fluorobiphenyl	85	(26 - 128)
2-Fluorophenol	77	(34 - 115)
Nitrobenzene-d5	66	(30 - 118)
Phenol-d5	61	(35 - 117)
Terphenyl-d14	91	(40 - 115)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

The RETEC Group, Inc.

Client Sample ID: SB10(28-30)

TOTAL Metals

Lot-Sample #...: C6K080197-008 Matrix.....: SO
Date Sampled...: 11/07/06 Date Received..: 11/08/06
% Moisture.....: 22

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 6318071						
Silver	ND	0.64	mg/kg	SW846 6010B	11/16-11/17/06	JH7G01AM
		Dilution Factor: 1		Analysis Time..: 14:55	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.038	
Aluminum	4460 J	25.7	mg/kg	SW846 6010B	11/16-11/17/06	JH7G01AN
		Dilution Factor: 1		Analysis Time..: 14:55	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 1.0	
Arsenic	3.1	1.3	mg/kg	SW846 6010B	11/16-11/17/06	JH7G01AP
		Dilution Factor: 1		Analysis Time..: 14:55	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.42	
Barium	37.3	25.7	mg/kg	SW846 6010B	11/16-11/17/06	JH7G01AQ
		Dilution Factor: 1		Analysis Time..: 14:55	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.13	
Beryllium	0.45 B J	0.51	mg/kg	SW846 6010B	11/16-11/17/06	JH7G01AR
		Dilution Factor: 1		Analysis Time..: 14:55	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.054	
Calcium	25500	642	mg/kg	SW846 6010B	11/16-11/17/06	JH7G01AT
		Dilution Factor: 1		Analysis Time..: 14:55	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 5.1	
Cadmium	ND	0.64	mg/kg	SW846 6010B	11/16-11/17/06	JH7G01AU
		Dilution Factor: 1		Analysis Time..: 14:55	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.089	
Cobalt	4.6 B J	6.4	mg/kg	SW846 6010B	11/16-11/17/06	JH7G01AV
		Dilution Factor: 1		Analysis Time..: 14:55	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.068	
Chromium	6.0	0.64	mg/kg	SW846 6010B	11/16-11/17/06	JH7G01AW
		Dilution Factor: 1		Analysis Time..: 14:55	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.12	

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Gap
1-21-07

The RETEC Group, Inc.

Client Sample ID: SB10(28-30)

TOTAL Metals

Lot-Sample #...: C6K080197-008 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Copper	10.4 J	3.2	mg/kg	SW846 6010B	11/16-11/17/06	JH7G01AX
		Dilution Factor: 1		Analysis Time..: 14:55	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.15	
Iron	10700	12.8	mg/kg	SW846 6010B	11/16-11/17/06	JH7G01A0
		Dilution Factor: 1		Analysis Time..: 14:55	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 2.3	
Potassium	856 J	642	mg/kg	SW846 6010B	11/16-11/17/06	JH7G01A1
		Dilution Factor: 1		Analysis Time..: 14:55	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 9.6	
Magnesium	6060	642	mg/kg	SW846 6010B	11/16-11/17/06	JH7G01A2
		Dilution Factor: 1		Analysis Time..: 14:55	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 1.3	
Manganese	260	1.9	mg/kg	SW846 6010B	11/16-11/17/06	JH7G01A3
		Dilution Factor: 1		Analysis Time..: 14:55	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.015	
Sodium	135 B J	642	mg/kg	SW846 6010B	11/16-11/17/06	JH7G01A4
		Dilution Factor: 1		Analysis Time..: 14:55	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 20.1	
Nickel	9.2	5.1	mg/kg	SW846 6010B	11/16-11/17/06	JH7G01A5
		Dilution Factor: 1		Analysis Time..: 14:55	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.16	
Lead	4.0	0.39	mg/kg	SW846 6010B	11/16-11/17/06	JH7G01A6
		Dilution Factor: 1		Analysis Time..: 14:55	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.20	
Selenium	0.46 B J	0.64	mg/kg	SW846 6010B	11/16-11/17/06	JH7G01AA
		Dilution Factor: 1		Analysis Time..: 14:55	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.34	
Thallium	ND	1.3	mg/kg	SW846 6010B	11/16-11/17/06	JH7G01AC
		Dilution Factor: 1		Analysis Time..: 14:55	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.59	

(Continued on next page)

GRP 1-21-07

The RETEC Group, Inc.

Client Sample ID: SB10(28-30)

TOTAL Metals

Lot-Sample #...: C6K080197-008 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	ND	1.3	mg/kg	SW846 6010B	11/16-11/17/06	JH7G01AD
		Dilution Factor: 1		Analysis Time..: 14:55	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.41	
Vanadium	10.6	6.4	mg/kg	SW846 6010B	11/16-11/17/06	JH7G01AE
		Dilution Factor: 1		Analysis Time..: 14:55	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.13	
Zinc	27.9 J	2.6	mg/kg	SW846 6010B	11/16-11/17/06	JH7G01AF
		Dilution Factor: 1		Analysis Time..: 14:55	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.22	
Prep Batch #...: 6325037						
Mercury	0.026 B J	0.042	mg/kg	SW846 7471A	11/21/06	JH7G01AG
		Dilution Factor: 1		Analysis Time..: 10:35	Analyst ID.....: 031043	
		Instrument ID..: HGHYDRA		MS Run #.....: 6325025	MDL.....: 0.010	

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.

JHP
1-21-07

The RETEC Group, Inc.

Client Sample ID: SB11(20-22)

GC/MS Volatiles

Lot-Sample #...: C6K080197-005	Work Order #...: JH7GJ1A2	Matrix.....:	SO
Date Sampled...: 11/07/06	Date Received..: 11/08/06	MS Run #.....:	6316021
Prep Date.....: 11/12/06	Analysis Date..: 11/12/06		
Prep Batch #...: 6316062	Analysis Time..: 23:10		
Dilution Factor: 1	Initial Wgt/Vol: 5 g	Final Wgt/Vol..:	5 mL
% Moisture.....: 29	Analyst ID.....: 010099	Instrument ID..:	HP3
	Method.....: SW846 8260B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	28	ug/kg	7.0
Benzene	ND	7.0	ug/kg	0.76
Bromodichloromethane	ND	7.0	ug/kg	0.35
Bromoform	ND	7.0	ug/kg	0.86
Bromomethane	ND	7.0	ug/kg	1.3
2-Butanone	ND	7.0	ug/kg	2.0
Carbon disulfide	ND	7.0	ug/kg	0.50
Carbon tetrachloride	ND	7.0	ug/kg	0.35
Chlorobenzene	ND	7.0	ug/kg	1.2
Chloroethane	ND	7.0	ug/kg	1.3
Chloroform	ND	7.0	ug/kg	0.35
Chloromethane	ND	7.0	ug/kg	0.40
Cyclohexane	ND	7.0	ug/kg	0.53
Dibromochloromethane	ND	7.0	ug/kg	0.36
1,2-Dibromo-3-chloro-propane	ND	7.0	ug/kg	0.65
1,2-Dibromoethane	ND	7.0	ug/kg	0.38
1,3-Dichlorobenzene	ND	7.0	ug/kg	1.3
1,4-Dichlorobenzene	ND	7.0	ug/kg	0.96
1,2-Dichlorobenzene	ND	7.0	ug/kg	1.3
Dichlorodifluoromethane	ND	7.0	ug/kg	0.71
1,1-Dichloroethane	ND	7.0	ug/kg	0.40
1,2-Dichloroethane	ND	7.0	ug/kg	0.42
1,1-Dichloroethene	ND	7.0	ug/kg	0.82
cis-1,2-Dichloroethene	ND	7.0	ug/kg	1.0
trans-1,2-Dichloroethene	ND	7.0	ug/kg	0.91
1,2-Dichloropropane	ND	7.0	ug/kg	0.88
cis-1,3-Dichloropropene	ND	7.0	ug/kg	0.40
trans-1,3-Dichloropropene	ND	7.0	ug/kg	0.39
Ethylbenzene	ND	7.0	ug/kg	1.3
2-Hexanone	ND	7.0	ug/kg	1.1
Isopropylbenzene	ND	7.0	ug/kg	1.6
Methyl acetate	ND	7.0	ug/kg	3.5
Methylene chloride 7.0	~~4.2 J,B~~ U	**7.0**	**ug/kg**	**1.9**
Methylcyclohexane	ND	7.0	ug/kg	1.1
4-Methyl-2-pentanone	ND	7.0	ug/kg	1.2
Methyl tert-butyl ether	ND	7.0	ug/kg	0.57

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Grp 1-24-07

The RETEC Group, Inc.

Client Sample ID: SB11(20-22)

GC/MS Volatiles

Lot-Sample #...: C6K080197-005 Work Order #...: JH7GJ1A2 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Styrene	ND	7.0	ug/kg	1.1
1,1,2,2-Tetrachloroethane	ND	7.0	ug/kg	0.63
1,2,4-Trichloro-benzene	ND	7.0	ug/kg	1.9
Tetrachloroethene	ND	7.0	ug/kg	1.1
1,1,1-Trichloroethane	ND	7.0	ug/kg	0.38
1,1,2-Trichloroethane	ND	7.0	ug/kg	0.95
Trichloroethene	ND	7.0	ug/kg	1.2
Trichlorofluoromethane	ND	7.0	ug/kg	1.7
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	7.0	ug/kg	0.48
Vinyl chloride	ND	7.0	ug/kg	0.92
Xylenes (total)	ND	21	ug/kg	3.8
Toluene	ND	7.0	ug/kg	0.83

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	84	(52 - 124)
Toluene-d8	108	(72 - 127)
4-Bromofluorobenzene	100	(63 - 120)
Dibromofluoromethane	98	(68 - 121)

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.

The RETEC Group, Inc.

Client Sample ID: SB11(20-22)

GC/MS Semivolatiles

Lot-Sample #...:	C6K080197-005	Work Order #...:	JH7GJ1A5	Matrix.....:	SO
Date Sampled...:	11/07/06	Date Received..:	11/08/06	MS Run #.....:	6313010
Prep Date.....:	11/09/06	Analysis Date..:	11/15/06		
Prep Batch #...:	6313022	Analysis Time..:	17:09		
Dilution Factor:	1	Initial Wgt/Vol:	15 g	Final Wgt/Vol..:	0.5 mL
% Moisture.....:	29	Analyst ID.....:	007062	Instrument ID..:	732
		Method.....:	SW846 8270C		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	460	ug/kg	10
Acenaphthylene	ND	460	ug/kg	9.8
Acetophenone	ND	460	ug/kg	120
Anthracene	ND	460	ug/kg	11
Atrazine	ND	460	ug/kg	120
Benzo(a)anthracene	ND	460	ug/kg	10
Benzo(a)pyrene	ND	460	ug/kg	7.8
Benzo(b)fluoranthene	ND	460	ug/kg	9.3
Benzo(ghi)perylene	ND	460	ug/kg	8.8
Benzo(k)fluoranthene	ND	460	ug/kg	9.1
Benzaldehyde	ND	460	ug/kg	100
1,1'-Biphenyl	ND	460	ug/kg	120
bis(2-Chloroethoxy) methane	ND	460	ug/kg	10
bis(2-Chloroethyl)-ether	ND	460	ug/kg	9.1
bis(2-Ethylhexyl) phthalate	ND	460	ug/kg	29
4-Bromophenyl phenyl ether	ND	460	ug/kg	23
Butyl benzyl phthalate	ND	460	ug/kg	10
Caprolactam	ND	460	ug/kg	120
Carbazole	ND	460	ug/kg	11
4-Chloroaniline	ND	460	ug/kg	23
4-Chloro-3-methylphenol	ND	460	ug/kg	10
2-Chloronaphthalene	ND	460	ug/kg	9.9
2-Chlorophenol	ND	460	ug/kg	7.4
4-Chlorophenyl phenyl ether	ND	460	ug/kg	9.5
Chrysene	ND	460	ug/kg	9.1
Dibenz(a,h)anthracene	ND UJ	460	ug/kg	7.6
Dibenzofuran	ND	460	ug/kg	11
3,3'-Dichlorobenzidine	ND	2200	ug/kg	12
2,4-Dichlorophenol	ND	460	ug/kg	8.8
Diethyl phthalate	ND	460	ug/kg	9.4
2,4-Dimethylphenol	ND	460	ug/kg	7.5
Dimethyl phthalate	ND	460	ug/kg	9.8

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YUJ
1-21-07

The RETEC Group, Inc.

Client Sample ID: SB11(20-22)

GC/MS Semivolatiles

Lot-Sample #...: C6K080197-005 Work Order #...: JH7GJ1A5 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-butyl phthalate	ND	460	ug/kg	57
4,6-Dinitro-2-methylphenol	ND	2200	ug/kg	1200
2,4-Dinitrophenol	ND	2200	ug/kg	1200
2,4-Dinitrotoluene	ND	460	ug/kg	4.9
2,6-Dinitrotoluene	ND	460	ug/kg	6.6
Di-n-octyl phthalate	ND	460	ug/kg	11
Fluoranthene	ND	460	ug/kg	9.9
Fluorene	ND	460	ug/kg	11
Hexachlorobenzene	ND	460	ug/kg	9.4
Hexachlorobutadiene	ND	460	ug/kg	9.1
Hexachlorocyclopentadiene	ND	2200	ug/kg	37
Hexachloroethane	ND	460	ug/kg	8.9
Indeno(1,2,3-cd)pyrene	ND UJ	460	ug/kg	9.3
Isophorone	ND	460	ug/kg	8.9
2-Methylnaphthalene	ND	460	ug/kg	11
2-Methylphenol	ND	460	ug/kg	10
4-Methylphenol	ND	460	ug/kg	10
Naphthalene	ND	460	ug/kg	11
2-Nitroaniline	ND	2200	ug/kg	5.8
3-Nitroaniline	ND	2200	ug/kg	230
4-Nitroaniline	ND	2200	ug/kg	6.5
Nitrobenzene	ND	460	ug/kg	15
2-Nitrophenol	ND	460	ug/kg	8.4
4-Nitrophenol	ND	2200	ug/kg	6.3
N-Nitrosodi-n-propylamine	ND	460	ug/kg	9.5
N-Nitrosodiphenylamine	ND	460	ug/kg	97
2,2'-oxybis(1-Chloropropane)	ND	460	ug/kg	6.8
Pentachlorophenol	ND	2200	ug/kg	640
Phenanthrene	ND	460	ug/kg	11
Phenol	ND	460	ug/kg	9.6
Pyrene	ND	460	ug/kg	11
2,4,5-Trichlorophenol	ND	460	ug/kg	27
2,4,6-Trichlorophenol	ND	460	ug/kg	8.0

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GJP
1-21-07

The RETEC Group, Inc.

Client Sample ID: SB11(20-22)

GC/MS Semivolatiles

Lot-Sample #...: C6K080197-005 Work Order #...: JH7GJ1A5 Matrix.....: SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	89	(21 - 144)
2-Fluorobiphenyl	77	(26 - 128)
2-Fluorophenol	84	(34 - 115)
Nitrobenzene-d5	69	(30 - 118)
Phenol-d5	80	(35 - 117)
Terphenyl-d14	82	(40 - 115)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

The RETEC Group, Inc.

Client Sample ID: SB11(20-22)

TOTAL Metals

Lot-Sample #...: C6K080197-005 Matrix.....: SO
Date Sampled...: 11/07/06 Date Received..: 11/08/06
% Moisture.....: 29

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 6318071						
Silver	ND	0.70	mg/kg	SW846 6010B	11/16-11/17/06	JH7GJ1A8
		Dilution Factor: 1		Analysis Time..: 15:17	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.042	
Aluminum	4030 J	28.0	mg/kg	SW846 6010B	11/16-11/17/06	JH7GJ1CC
		Dilution Factor: 1		Analysis Time..: 15:17	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 1.1	
Arsenic	2.8	1.4	mg/kg	SW846 6010B	11/16-11/17/06	JH7GJ1CF
		Dilution Factor: 1		Analysis Time..: 15:17	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.46	
Barium	25.0 B J	28.0	mg/kg	SW846 6010B	11/16-11/17/06	JH7GJ1CJ
		Dilution Factor: 1		Analysis Time..: 15:17	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.14	
Beryllium	0.42 B J	0.56	mg/kg	SW846 6010B	11/16-11/17/06	JH7GJ1CM
		Dilution Factor: 1		Analysis Time..: 15:17	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.058	
Calcium	1570	700	mg/kg	SW846 6010B	11/16-11/17/06	JH7GJ1CQ
		Dilution Factor: 1		Analysis Time..: 15:17	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 5.5	
Cadmium	ND	0.70	mg/kg	SW846 6010B	11/16-11/17/06	JH7GJ1CU
		Dilution Factor: 1		Analysis Time..: 15:17	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.097	
Cobalt	4.7 B J	7.0	mg/kg	SW846 6010B	11/16-11/17/06	JH7GJ1CX
		Dilution Factor: 1		Analysis Time..: 15:17	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.074	
Chromium	6.1	0.70	mg/kg	SW846 6010B	11/16-11/17/06	JH7GJ1C2
		Dilution Factor: 1		Analysis Time..: 15:17	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.13	

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JHP
1-21-07

The RETEC Group, Inc.

Client Sample ID: SB11(20-22)

TOTAL Metals

Lot-Sample #...: C6K080197-005 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Copper	10.9 J	3.5	mg/kg	SW846 6010B	11/16-11/17/06	JH7GJ1C5
		Dilution Factor: 1		Analysis Time..: 15:17	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.16	
Iron	10900	14.0	mg/kg	SW846 6010B	11/16-11/17/06	JH7GJ1C8
		Dilution Factor: 1		Analysis Time..: 15:17	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 2.5	
Potassium	~~640 B,J~~ 700 U	700	mg/kg	SW846 6010B	11/16-11/17/06	JH7GJ1DC
		Dilution Factor: 1		Analysis Time..: 15:17	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 10.5	
Magnesium	1620	700	mg/kg	SW846 6010B	11/16-11/17/06	JH7GJ1DF
		Dilution Factor: 1		Analysis Time..: 15:17	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 1.4	
Manganese	299	2.1	mg/kg	SW846 6010B	11/16-11/17/06	JH7GJ1DJ
		Dilution Factor: 1		Analysis Time..: 15:17	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.016	
Sodium	113 B J	700	mg/kg	SW846 6010B	11/16-11/17/06	JH7GJ1DM
		Dilution Factor: 1		Analysis Time..: 15:17	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 21.9	
Nickel	10.9	5.6	mg/kg	SW846 6010B	11/16-11/17/06	JH7GJ1DQ
		Dilution Factor: 1		Analysis Time..: 15:17	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.17	
Lead	4.0	0.42	mg/kg	SW846 6010B	11/16-11/17/06	JH7GJ1DU
		Dilution Factor: 1		Analysis Time..: 15:17	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.22	
Selenium	0.58 B J	0.70	mg/kg	SW846 6010B	11/16-11/17/06	JH7GJ1AA
		Dilution Factor: 1		Analysis Time..: 15:17	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.37	
Thallium	ND	1.4	mg/kg	SW846 6010B	11/16-11/17/06	JH7GJ1AE
		Dilution Factor: 1		Analysis Time..: 15:17	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.64	

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1-21-07

The RETEC Group, Inc.

Client Sample ID: SB11(20-22)

TOTAL Metals

Lot-Sample #...: C6K080197-005 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	ND	1.4	mg/kg	SW846 6010B	11/16-11/17/06	JH7GJ1AH
		Dilution Factor: 1		Analysis Time..: 15:17	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.45	
Vanadium	10.9	7.0	mg/kg	SW846 6010B	11/16-11/17/06	JH7GJ1AL
		Dilution Factor: 1		Analysis Time..: 15:17	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.15	
Zinc	28.8 E J	2.8	mg/kg	SW846 6010B	11/16-11/17/06	JH7GJ1AP
		Dilution Factor: 1		Analysis Time..: 15:17	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.24	
Prep Batch #...: 6325037						
Mercury	0.017 B J	0.046	mg/kg	SW846 7471A	11/21/06	JH7GJ1AT
		Dilution Factor: 1		Analysis Time..: 10:22	Analyst ID.....: 031043	
		Instrument ID..: HGHYDRA		MS Run #.....: 6325025	MDL.....: 0.011	

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.

E Matrix interference.

YAP
1-21-07

The RETEC Group, Inc.

Client Sample ID: SB11(38-40)

GC/MS Volatiles

Lot-Sample #...: C6K080197-006	**Work Order #...:** JH7GM1AK	**Matrix.....:** SO
Date Sampled...: 11/07/06	**Date Received..:** 11/08/06	**MS Run #.....:** 6316021
Prep Date.....: 11/12/06	**Analysis Date..:** 11/12/06	
Prep Batch #...: 6316062	**Analysis Time..:** 23:34	
Dilution Factor: 1	**Initial Wgt/Vol:** 5 g	**Final Wgt/Vol..:** 5 mL
% Moisture.....: 11	**Analyst ID.....:** 010099	**Instrument ID..:** HP3
	Method.....: SW846 8260B	

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	23	ug/kg	5.6
Benzene	ND	5.6	ug/kg	0.62
Bromodichloromethane	ND	5.6	ug/kg	0.28
Bromoform	ND	5.6	ug/kg	0.69
Bromomethane	ND	5.6	ug/kg	1.0
2-Butanone	ND	5.6	ug/kg	1.6
Carbon disulfide	ND	5.6	ug/kg	0.41
Carbon tetrachloride	ND	5.6	ug/kg	0.28
Chlorobenzene	ND	5.6	ug/kg	0.96
Chloroethane	ND	5.6	ug/kg	1.1
Chloroform	ND	5.6	ug/kg	0.28
Chloromethane	ND	5.6	ug/kg	0.32
Cyclohexane	ND	5.6	ug/kg	0.42
Dibromochloromethane	ND	5.6	ug/kg	0.29
1,2-Dibromo-3-chloro-propane	ND	5.6	ug/kg	0.52
1,2-Dibromoethane	ND	5.6	ug/kg	0.30
1,3-Dichlorobenzene	ND	5.6	ug/kg	1.0
1,4-Dichlorobenzene	ND	5.6	ug/kg	0.77
1,2-Dichlorobenzene	ND	5.6	ug/kg	1.0
Dichlorodifluoromethane	ND	5.6	ug/kg	0.57
1,1-Dichloroethane	ND	5.6	ug/kg	0.32
1,2-Dichloroethane	ND	5.6	ug/kg	0.34
1,1-Dichloroethene	ND	5.6	ug/kg	0.66
cis-1,2-Dichloroethene	ND	5.6	ug/kg	0.84
trans-1,2-Dichloroethene	ND	5.6	ug/kg	0.73
1,2-Dichloropropane	ND	5.6	ug/kg	0.71
cis-1,3-Dichloropropene	ND	5.6	ug/kg	0.32
trans-1,3-Dichloropropene	ND	5.6	ug/kg	0.31
Ethylbenzene	ND	5.6	ug/kg	1.0
2-Hexanone	ND	5.6	ug/kg	0.92
Isopropylbenzene	ND	5.6	ug/kg	1.3
Methyl acetate	ND	5.6	ug/kg	2.8
Methylene chloride 5.6	~~2.8 J,B~~ U	**5.6**	**ug/kg**	**1.5**
Methylcyclohexane	ND	5.6	ug/kg	0.88
4-Methyl-2-pentanone	ND	5.6	ug/kg	0.95
Methyl tert-butyl ether	ND	5.6	ug/kg	0.46

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yup
1-24-07

The RETEC Group, Inc.

Client Sample ID: SB11(38-40)

GC/MS Volatiles

Lot-Sample #...: C6K080197-006 Work Order #...: JH7GM1AK Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Styrene	ND	5.6	ug/kg	0.90
1,1,2,2-Tetrachloroethane	ND	5.6	ug/kg	0.51
1,2,4-Trichloro-benzene	ND	5.6	ug/kg	1.6
Tetrachloroethene	ND	5.6	ug/kg	0.86
1,1,1-Trichloroethane	ND	5.6	ug/kg	0.31
1,1,2-Trichloroethane	ND	5.6	ug/kg	0.76
Trichloroethene	ND	5.6	ug/kg	0.97
Trichlorofluoromethane	ND	5.6	ug/kg	1.4
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	5.6	ug/kg	0.39
Vinyl chloride	ND	5.6	ug/kg	0.74
Xylenes (total)	ND	17	ug/kg	3.1
Toluene	ND	5.6	ug/kg	0.67

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	81	(52 - 124)
Toluene-d8	105	(72 - 127)
4-Bromofluorobenzene	93	(63 - 120)
Dibromofluoromethane	93	(68 - 121)

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.

The RETEC Group, Inc.

Client Sample ID: SB11(38-40)

GC/MS Semivolatiles

Lot-Sample #...: C6K080197-006	Work Order #...: JH7GM1AL	Matrix.....: SO	
Date Sampled...: 11/07/06	Date Received..: 11/08/06	MS Run #.....: 6313010	
Prep Date.....: 11/09/06	Analysis Date..: 11/16/06		
Prep Batch #...: 6313022	Analysis Time..: 14:56		
Dilution Factor: 1	Initial Wgt/Vol: 15 g	Final Wgt/Vol..: 0.5 mL	
% Moisture.....: 11	Analyst ID.....: 007062	Instrument ID..: 732	
	Method.....: SW846 8270C		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	**8.8 J**	**370**	**ug/kg**	**8.2**
Acenaphthylene	**29 J**	**370**	**ug/kg**	**7.8**
Acetophenone	ND	370	ug/kg	94
Anthracene	**68 J**	**370**	**ug/kg**	**8.6**
Atrazine	ND	370	ug/kg	94
Benzo(a)anthracene	**200 J**	**370**	**ug/kg**	**8.2**
Benzo(a)pyrene	**120 J**	**370**	**ug/kg**	**6.3**
Benzo(b)fluoranthene	**120 J**	**370**	**ug/kg**	**7.5**
Benzo(ghi)perylene	**74 J**	**370**	**ug/kg**	**7.1**
Benzo(k)fluoranthene	**52 J**	**370**	**ug/kg**	**7.4**
Benzaldehyde	ND	370	ug/kg	83
1,1'-Biphenyl	ND	370	ug/kg	94
bis(2-Chloroethoxy) methane	ND	370	ug/kg	8.4
bis(2-Chloroethyl)- ether	ND	370	ug/kg	7.3
bis(2-Ethylhexyl) phthalate	ND	370	ug/kg	23
4-Bromophenyl phenyl ether	ND	370	ug/kg	19
Butyl benzyl phthalate	ND	370	ug/kg	8.3
Caprolactam	ND	370	ug/kg	94
Carbazole	ND	370	ug/kg	8.6
4-Chloroaniline	ND	370	ug/kg	19
4-Chloro-3-methylphenol	ND	370	ug/kg	8.2
2-Chloronaphthalene	ND	370	ug/kg	8.0
2-Chlorophenol	ND	370	ug/kg	5.9
4-Chlorophenyl phenyl ether	ND	370	ug/kg	7.7
Chrysene	**160 J**	**370**	**ug/kg**	**7.3**
Dibenz(a,h)anthracene	**29 J**	**370**	**ug/kg**	**6.1**
Dibenzofuran	**14 J**	**370**	**ug/kg**	**8.4**
3,3'-Dichlorobenzidine	ND	1800	ug/kg	9.3
2,4-Dichlorophenol	ND	370	ug/kg	7.1
Diethyl phthalate	ND	370	ug/kg	7.6
2,4-Dimethylphenol	ND	370	ug/kg	6.0
Dimethyl phthalate	ND	370	ug/kg	7.9

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The RETEC Group, Inc.

Client Sample ID: SB11(38-40)

GC/MS Semivolatiles

Lot-Sample #...: C6K080197-006 Work Order #...: JH7GM1AL Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-butyl phthalate	ND	370	ug/kg	46
4,6-Dinitro-2-methylphenol	ND	1800	ug/kg	940
2,4-Dinitrophenol	ND	1800	ug/kg	940
2,4-Dinitrotoluene	ND	370	ug/kg	3.9
2,6-Dinitrotoluene	ND	370	ug/kg	5.3
Di-n-octyl phthalate	ND	370	ug/kg	8.7
Fluoranthene	**280 J**	**370**	**ug/kg**	**8.0**
Fluorene	**23 J**	**370**	**ug/kg**	**9.0**
Hexachlorobenzene	ND	370	ug/kg	7.5
Hexachlorobutadiene	ND	370	ug/kg	7.3
Hexachlorocyclopentadiene	ND	1800	ug/kg	30
Hexachloroethane	ND	370	ug/kg	7.2
Indeno(1,2,3-cd)pyrene	**79 J**	**370**	**ug/kg**	**7.5**
Isophorone	ND	370	ug/kg	7.2
2-Methylnaphthalene	**15 J**	**370**	**ug/kg**	**9.2**
2-Methylphenol	ND	370	ug/kg	8.4
4-Methylphenol	ND	370	ug/kg	8.4
Naphthalene	**32 J**	**370**	**ug/kg**	**8.9**
2-Nitroaniline	ND	1800	ug/kg	4.7
3-Nitroaniline	ND	1800	ug/kg	190
4-Nitroaniline	ND	1800	ug/kg	5.2
Nitrobenzene	ND	370	ug/kg	12
2-Nitrophenol	ND	370	ug/kg	6.7
4-Nitrophenol	ND	1800	ug/kg	5.0
N-Nitrosodi-n-propylamine	ND	370	ug/kg	7.6
N-Nitrosodiphenylamine	ND	370	ug/kg	78
2,2'-oxybis(1-Chloropropane)	ND (UJ)	370	ug/kg	5.4
Pentachlorophenol	ND	1800	ug/kg	510
Phenanthrene	**180 J**	**370**	**ug/kg**	**9.0**
Phenol	ND	370	ug/kg	7.7
Pyrene	**280 J**	**370**	**ug/kg**	**9.2**
2,4,5-Trichlorophenol	ND	370	ug/kg	21
2,4,6-Trichlorophenol	ND	370	ug/kg	6.4

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The RETEC Group, Inc.

Client Sample ID: SB11(38-40)

GC/MS Semivolatiles

Lot-Sample #...: C6K080197-006 Work Order #...: JH7GM1AL Matrix.....: SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	97	(21 - 144)
2-Fluorobiphenyl	96	(26 - 128)
2-Fluorophenol	89	(34 - 115)
Nitrobenzene-d5	74	(30 - 118)
Phenol-d5	70	(35 - 117)
Terphenyl-d14	97	(40 - 115)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

The RETEC Group, Inc.

Client Sample ID: SB11(38-40)

TOTAL Metals

Lot-Sample #...: C6K080197-006 **Matrix.....:** SO
Date Sampled...: 11/07/06 **Date Received..:** 11/08/06
% Moisture.....: 11

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 6318071						
Silver	ND	0.56	mg/kg	SW846 6010B	11/16-11/17/06	JH7GM1AM
		Dilution Factor: 1		Analysis Time..: 15:39	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.034	
Aluminum	**2440 J**	**22.5**	**mg/kg**	**SW846 6010B**	**11/16-11/17/06**	**JH7GM1AN**
		Dilution Factor: 1		Analysis Time..: 15:39	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.90	
Arsenic	**4.7**	**1.1**	**mg/kg**	**SW846 6010B**	**11/16-11/17/06**	**JH7GM1AP**
		Dilution Factor: 1		Analysis Time..: 15:39	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.37	
Barium	**21.4 B J**	**22.5**	**mg/kg**	**SW846 6010B**	**11/16-11/17/06**	**JH7GM1AQ**
		Dilution Factor: 1		Analysis Time..: 15:39	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.11	
Beryllium	**0.25 B J**	**0.45**	**mg/kg**	**SW846 6010B**	**11/16-11/17/06**	**JH7GM1AR**
		Dilution Factor: 1		Analysis Time..: 15:39	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.047	
Calcium	**15000**	**563**	**mg/kg**	**SW846 6010B**	**11/16-11/17/06**	**JH7GM1AT**
		Dilution Factor: 1		Analysis Time..: 15:39	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 4.5	
Cadmium	ND	0.56	mg/kg	SW846 6010B	11/16-11/17/06	JH7GM1AU
		Dilution Factor: 1		Analysis Time..: 15:39	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.078	
Cobalt	**2.4 B J**	**5.6**	**mg/kg**	**SW846 6010B**	**11/16-11/17/06**	**JH7GM1AV**
		Dilution Factor: 1		Analysis Time..: 15:39	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.059	
Chromium	**5.3**	**0.56**	**mg/kg**	**SW846 6010B**	**11/16-11/17/06**	**JH7GM1AW**
		Dilution Factor: 1		Analysis Time..: 15:39	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.10	

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JHP
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The RETEC Group, Inc.

Client Sample ID: SB11(38-40)

TOTAL Metals

Lot-Sample #...: C6K080197-006 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Copper	6.9 ~~J~~	2.8	mg/kg	SW846 6010B	11/16-11/17/06	JH7GM1AX
		Dilution Factor: 1		Analysis Time..: 15:39	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.13	
Iron	6660	11.3	mg/kg	SW846 6010B	11/16-11/17/06	JH7GM1A0
		Dilution Factor: 1		Analysis Time..: 15:39	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 2.0	
Potassium	~~437 B,J~~ 563 U	563	mg/kg	SW846 6010B	11/16-11/17/06	JH7GM1A1
		Dilution Factor: 1		Analysis Time..: 15:39	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 8.4	
Magnesium	2760	563	mg/kg	SW846 6010B	11/16-11/17/06	JH7GM1A2
		Dilution Factor: 1		Analysis Time..: 15:39	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 1.2	
Manganese	238	1.7	mg/kg	SW846 6010B	11/16-11/17/06	JH7GM1A3
		Dilution Factor: 1		Analysis Time..: 15:39	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.013	
Sodium	93.5 ~~B~~ J	563	mg/kg	SW846 6010B	11/16-11/17/06	JH7GM1A4
		Dilution Factor: 1		Analysis Time..: 15:39	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 17.6	
Nickel	5.9	4.5	mg/kg	SW846 6010B	11/16-11/17/06	JH7GM1A5
		Dilution Factor: 1		Analysis Time..: 15:39	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.14	
Lead	3.2	0.34	mg/kg	SW846 6010B	11/16-11/17/06	JH7GM1A6
		Dilution Factor: 1		Analysis Time..: 15:39	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.18	
Selenium	0.32 ~~B~~ J	0.56	mg/kg	SW846 6010B	11/16-11/17/06	JH7GM1AA
		Dilution Factor: 1		Analysis Time..: 15:39	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.29	
Thallium	ND	1.1	mg/kg	SW846 6010B	11/16-11/17/06	JH7GM1AC
		Dilution Factor: 1		Analysis Time..: 15:39	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.51	

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The RETEC Group, Inc.

Client Sample ID: SB11(38-40)

TOTAL Metals

Lot-Sample #...: C6K080197-006 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	ND	1.1	mg/kg	SW846 6010B	11/16-11/17/06	JH7GM1AD
		Dilution Factor: 1		Analysis Time..: 15:39	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.36	
Vanadium	6.3	5.6	mg/kg	SW846 6010B	11/16-11/17/06	JH7GM1AE
		Dilution Factor: 1		Analysis Time..: 15:39	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.12	
Zinc	19.4 J	2.3	mg/kg	SW846 6010B	11/16-11/17/06	JH7GM1AF
		Dilution Factor: 1		Analysis Time..: 15:39	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.19	
Prep Batch #...: 6325037						
Mercury	ND	0.037	mg/kg	SW846 7471A	11/21/06	JH7GM1AG
		Dilution Factor: 1		Analysis Time..: 10:31	Analyst ID.....: 031043	
		Instrument ID..: HGHYDRA		MS Run #.....: 6325025	MDL.....: 0.0090	

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.

Gup
1-21-07

The RETEC Group, Inc.

Client Sample ID: SB12(25-26)

GC/MS Volatiles

Lot-Sample #...:	C6K100374-001	**Work Order #...:**	JJG611AC	**Matrix.....:**	SO
Date Sampled...:	11/08/06	**Date Received..:**	11/10/06	**MS Run #.....:**	6316021
Prep Date.....:	11/12/06	**Analysis Date..:**	11/13/06		
Prep Batch #...:	6316062	**Analysis Time..:**	07:33		
Dilution Factor:	1	**Initial Wgt/Vol:**	5 g	**Final Wgt/Vol..:**	5 mL
% Moisture.....:	31	**Analyst ID.....:**	010099	**Instrument ID..:**	HP3
		Method.....:	SW846 8260B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	29	ug/kg	7.2
Benzene	ND	7.2	ug/kg	0.79
Bromodichloromethane	ND	7.2	ug/kg	0.36
Bromoform	ND	7.2	ug/kg	0.88
Bromomethane	ND	7.2	ug/kg	1.3
2-Butanone	ND	7.2	ug/kg	2.0
Carbon disulfide	ND	7.2	ug/kg	0.52
Carbon tetrachloride	ND	7.2	ug/kg	0.36
Chlorobenzene	ND	7.2	ug/kg	1.2
Chloroethane	ND	7.2	ug/kg	1.4
Chloroform	ND	7.2	ug/kg	0.36
Chloromethane	ND	7.2	ug/kg	0.41
Cyclohexane	ND	7.2	ug/kg	0.54
Dibromochloromethane	ND	7.2	ug/kg	0.38
1,2-Dibromo-3-chloro-propane	ND	7.2	ug/kg	0.67
1,2-Dibromoethane	ND	7.2	ug/kg	0.39
1,3-Dichlorobenzene	ND	7.2	ug/kg	1.3
1,4-Dichlorobenzene	ND	7.2	ug/kg	0.99
1,2-Dichlorobenzene	ND	7.2	ug/kg	1.3
Dichlorodifluoromethane	ND	7.2	ug/kg	0.73
1,1-Dichloroethane	ND	7.2	ug/kg	0.41
1,2-Dichloroethane	ND	7.2	ug/kg	0.44
1,1-Dichloroethene	ND	7.2	ug/kg	0.85
cis-1,2-Dichloroethene	ND	7.2	ug/kg	1.1
trans-1,2-Dichloroethene	ND	7.2	ug/kg	0.94
1,2-Dichloropropane	ND	7.2	ug/kg	0.90
cis-1,3-Dichloropropene	ND	7.2	ug/kg	0.41
trans-1,3-Dichloropropene	ND	7.2	ug/kg	0.40
Ethylbenzene	ND	7.2	ug/kg	1.3
2-Hexanone	ND	7.2	ug/kg	1.2
Isopropylbenzene	ND	7.2	ug/kg	1.6
Methyl acetate	ND	7.2	ug/kg	3.6
Methylene chloride	~~3.6 J,B~~ 7.2 U	**7.2**	**ug/kg**	**1.9**
Methylcyclohexane	ND	7.2	ug/kg	1.1
4-Methyl-2-pentanone	ND	7.2	ug/kg	1.2
Methyl tert-butyl ether	ND	7.2	ug/kg	0.59

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GCP 1-21-07

The RETEC Group, Inc.

Client Sample ID: SB12(25-26)

GC/MS Volatiles

Lot-Sample #...: C6K100374-001 **Work Order #...:** JJG611AC **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Styrene	ND	7.2	ug/kg	1.2
1,1,2,2-Tetrachloroethane	ND	7.2	ug/kg	0.65
1,2,4-Trichloro-benzene	ND	7.2	ug/kg	2.0
Tetrachloroethene	ND	7.2	ug/kg	1.1
1,1,1-Trichloroethane	ND	7.2	ug/kg	0.39
1,1,2-Trichloroethane	ND	7.2	ug/kg	0.98
Trichloroethene	ND	7.2	ug/kg	1.2
Trichlorofluoromethane	ND	7.2	ug/kg	1.7
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	7.2	ug/kg	0.50
Vinyl chloride	ND	7.2	ug/kg	0.95
Xylenes (total)	ND	22	ug/kg	3.9
Toluene	ND	7.2	ug/kg	0.85

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	90	(52 - 124)
Toluene-d8	108	(72 - 127)
4-Bromofluorobenzene	102	(63 - 120)
Dibromofluoromethane	98	(68 - 121)

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.

The RETEC Group, Inc.

Client Sample ID: SB12(25-26)

GC/MS Semivolatiles

Lot-Sample #...:	C6K100374-001	**Work Order #...:**	JJG611AD	**Matrix.....:**	SO
Date Sampled...:	11/08/06	**Date Received..:**	11/10/06	**MS Run #.....:**	6317004
Prep Date.....:	11/13/06	**Analysis Date..:**	11/28/06		
Prep Batch #...:	6317012	**Analysis Time..:**	20:07		
Dilution Factor:	1	**Initial Wgt/Vol:**	15 g	**Final Wgt/Vol..:**	0.5 mL
% Moisture.....:	31	**Analyst ID.....:**	007062	**Instrument ID..:**	732
		Method.....:	SW846 8270C		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	480	ug/kg	10
Acenaphthylene	ND	480	ug/kg	10
Acetophenone	ND	480	ug/kg	120
Anthracene	ND	480	ug/kg	11
Atrazine	ND	480	ug/kg	120
Benzo(a)anthracene	ND	480	ug/kg	11
Benzo(a)pyrene	ND	480	ug/kg	8.1
Benzo(b)fluoranthene	ND	480	ug/kg	9.6
Benzo(ghi)perylene	ND	480	ug/kg	9.1
Benzo(k)fluoranthene	ND	480	ug/kg	9.4
Benzaldehyde	ND UJ	480	ug/kg	110
1,1'-Biphenyl	ND	480	ug/kg	120
bis(2-Chloroethoxy) methane	ND	480	ug/kg	11
bis(2-Chloroethyl)-ether	ND	480	ug/kg	9.3
bis(2-Ethylhexyl) phthalate	ND	480	ug/kg	30
4-Bromophenyl phenyl ether	ND	480	ug/kg	24
Butyl benzyl phthalate	**18 J**	**480**	**ug/kg**	**11**
Caprolactam	ND	480	ug/kg	120
Carbazole	ND	480	ug/kg	11
4-Chloroaniline	ND	480	ug/kg	24
4-Chloro-3-methylphenol	ND	480	ug/kg	10
2-Chloronaphthalene	ND	480	ug/kg	10
2-Chlorophenol	ND	480	ug/kg	7.6
4-Chlorophenyl phenyl ether	ND	480	ug/kg	9.8
Chrysene	ND	480	ug/kg	9.4
Dibenz(a,h)anthracene	ND	480	ug/kg	7.9
Dibenzofuran	ND	480	ug/kg	11
3,3'-Dichlorobenzidine	ND UJ gap	2300	ug/kg	12
2,4-Dichlorophenol	ND	480	ug/kg	9.0
Diethyl phthalate	ND	480	ug/kg	9.7
2,4-Dimethylphenol	ND	480	ug/kg	7.7
Dimethyl phthalate	ND	480	ug/kg	10

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gap
1-21-07

The RETEC Group, Inc.

Client Sample ID: SB12(25-26)

GC/MS Semivolatiles

Lot-Sample #...: C6K100374-001 Work Order #...: JJG611AD Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-butyl phthalate	ND	480	ug/kg	59
4,6-Dinitro-2-methylphenol	ND UJ	2300	ug/kg	1200
2,4-Dinitrophenol	ND UJ	2300	ug/kg	1200
2,4-Dinitrotoluene	ND	480	ug/kg	5.0
2,6-Dinitrotoluene	ND	480	ug/kg	6.8
Di-n-octyl phthalate	ND	480	ug/kg	11
Fluoranthene	ND	480	ug/kg	10
Fluorene	ND	480	ug/kg	11
Hexachlorobenzene	ND	480	ug/kg	9.7
Hexachlorobutadiene	ND	480	ug/kg	9.4
Hexachlorocyclopentadiene	ND	2300	ug/kg	38
Hexachloroethane	ND	480	ug/kg	9.2
Indeno(1,2,3-cd)pyrene	ND	480	ug/kg	9.6
Isophorone	ND	480	ug/kg	9.2
2-Methylnaphthalene	ND	480	ug/kg	12
2-Methylphenol	ND	480	ug/kg	11
4-Methylphenol	ND	480	ug/kg	11
Naphthalene	ND	480	ug/kg	11
2-Nitroaniline	ND	2300	ug/kg	6.0
3-Nitroaniline	ND	2300	ug/kg	240
4-Nitroaniline	ND	2300	ug/kg	6.7
Nitrobenzene	ND	480	ug/kg	16
2-Nitrophenol	ND	480	ug/kg	8.6
4-Nitrophenol	ND	2300	ug/kg	6.4
N-Nitrosodi-n-propylamine	ND	480	ug/kg	9.8
N-Nitrosodiphenylamine	ND	480	ug/kg	100
2,2'-oxybis(1-Chloropropane)	ND	480	ug/kg	7.0
Pentachlorophenol	ND	2300	ug/kg	660
Phenanthrene	ND	480	ug/kg	11
Phenol	ND	480	ug/kg	9.9
Pyrene	ND	480	ug/kg	12
2,4,5-Trichlorophenol	ND	480	ug/kg	27
2,4,6-Trichlorophenol	ND	480	ug/kg	8.2

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GLP 1-21-07

The RETEC Group, Inc.

Client Sample ID: SB12(25-26)

GC/MS Semivolatiles

Lot-Sample #...: C6K100374-001 **Work Order #...:** JJG611AD **Matrix.....:** SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	87	(21 - 144)
2-Fluorobiphenyl	78	(26 - 128)
2-Fluorophenol	77	(34 - 115)
Nitrobenzene-d5	76	(30 - 118)
Phenol-d5	76	(35 - 117)
Terphenyl-d14	79	(40 - 115)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

The RETEC Group, Inc.

Client Sample ID: SB12(25-26)

TOTAL Metals

Lot-Sample #...: C6K100374-001 Matrix.....: SO
Date Sampled...: 11/08/06 Date Received..: 11/10/06
% Moisture.....: 31

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 6318078						
Silver	ND	0.72	mg/kg	SW846 6010B	11/16-11/17/06	JJG611AE
		Dilution Factor: 1		Analysis Time..: 19:53	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318051	MDL.....: 0.043	
Aluminum	19300	28.8	mg/kg	SW846 6010B	11/16-11/17/06	JJG611AF
		Dilution Factor: 1		Analysis Time..: 19:53	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318051	MDL.....: 1.1	
Arsenic	6.3	1.4	mg/kg	SW846 6010B	11/16-11/17/06	JJG611AG
		Dilution Factor: 1		Analysis Time..: 19:53	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318051	MDL.....: 0.47	
Barium	181	28.8	mg/kg	SW846 6010B	11/16-11/17/06	JJG611AH
		Dilution Factor: 1		Analysis Time..: 19:53	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318051	MDL.....: 0.14	
Beryllium	1.7	0.58	mg/kg	SW846 6010B	11/16-11/17/06	JJG611AJ
		Dilution Factor: 1		Analysis Time..: 19:53	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318051	MDL.....: 0.060	
Calcium	4050	721	mg/kg	SW846 6010B	11/16-11/17/06	JJG611AK
		Dilution Factor: 1		Analysis Time..: 19:53	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318051	MDL.....: 5.7	
Cadmium	ND	1.4	mg/kg	SW846 6010B	11/16-11/18/06	JJG611AL
		Dilution Factor: 2		Analysis Time..: 11:11	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318051	MDL.....: 0.20	
Cobalt	14.2	7.2	mg/kg	SW846 6010B	11/16-11/17/06	JJG611AM
		Dilution Factor: 1		Analysis Time..: 19:53	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318051	MDL.....: 0.076	
Chromium	20.8	0.72	mg/kg	SW846 6010B	11/16-11/17/06	JJG611AN
		Dilution Factor: 1		Analysis Time..: 19:53	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318051	MDL.....: 0.13	

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The RETEC Group, Inc.

Client Sample ID: SB12(25-26)

TOTAL Metals

Lot-Sample #...: C6K100374-001 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Copper	30.2 J	3.6	mg/kg	SW846 6010B	11/16-11/17/06	JJG611AP
		Dilution Factor: 1		Analysis Time..: 19:53	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318051	MDL.....: 0.17	
Iron	37500	14.4	mg/kg	SW846 6010B	11/16-11/17/06	JJG611AQ
		Dilution Factor: 1		Analysis Time..: 19:53	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318051	MDL.....: 2.6	
Potassium	2580 J	721	mg/kg	SW846 6010B	11/16-11/17/06	JJG611AR
		Dilution Factor: 1		Analysis Time..: 19:53	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318051	MDL.....: 10.8	
Magnesium	7610	721	mg/kg	SW846 6010B	11/16-11/17/06	JJG611AT
		Dilution Factor: 1		Analysis Time..: 19:53	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318051	MDL.....: 1.5	
Manganese	429	2.2	mg/kg	SW846 6010B	11/16-11/17/06	JJG611AU
		Dilution Factor: 1		Analysis Time..: 19:53	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318051	MDL.....: 0.016	
Sodium	460 J	721	mg/kg	SW846 6010B	11/16-11/17/06	JJG611AV
		Dilution Factor: 1		Analysis Time..: 19:53	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318051	MDL.....: 22.6	
Nickel	32.6	5.8	mg/kg	SW846 6010B	11/16-11/17/06	JJG611AW
		Dilution Factor: 1		Analysis Time..: 19:53	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318051	MDL.....: 0.18	
Lead	12.3	0.43	mg/kg	SW846 6010B	11/16-11/17/06	JJG611AX
		Dilution Factor: 1		Analysis Time..: 19:53	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318051	MDL.....: 0.23	
Selenium	1.7	0.72	mg/kg	SW846 6010B	11/16-11/17/06	JJG611A0
		Dilution Factor: 1		Analysis Time..: 19:53	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318051	MDL.....: 0.38	
Thallium	ND	1.4	mg/kg	SW846 6010B	11/16-11/17/06	JJG611A1
		Dilution Factor: 1		Analysis Time..: 19:53	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318051	MDL.....: 0.66	

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JJP
1-21-07

The RETEC Group, Inc.

Client Sample ID: SB12(25-26)

TOTAL Metals

Lot-Sample #...: C6K100374-001 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	ND	1.4	mg/kg	SW846 6010B	11/16-11/17/06	JJG611A2
	Dilution Factor: 1			Analysis Time..: 19:53	Analyst ID.....: 402249	
	Instrument ID..: TRACEICP			MS Run #.....: 6318051	MDL.....: 0.46	
Vanadium	32.2	7.2	mg/kg	SW846 6010B	11/16-11/17/06	JJG611A3
	Dilution Factor: 1			Analysis Time..: 19:53	Analyst ID.....: 402249	
	Instrument ID..: TRACEICP			MS Run #.....: 6318051	MDL.....: 0.15	
Zinc	93.5 J	2.9	mg/kg	SW846 6010B	11/16-11/17/06	JJG611A4
	Dilution Factor: 1			Analysis Time..: 19:53	Analyst ID.....: 402249	
	Instrument ID..: TRACEICP			MS Run #.....: 6318051	MDL.....: 0.24	
Prep Batch #...: 6333107						
Mercury	0.019 B J	0.048	mg/kg	SW846 7471A	11/29/06	JJG611A5
	Dilution Factor: 1			Analysis Time..: 14:54	Analyst ID.....: 400491	
	Instrument ID..: HGHYDRA			MS Run #.....: 6333065	MDL.....: 0.012	

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.

yup
1-21-07

The RETEC Group, Inc.

Client Sample ID: SB12(38-40)

GC/MS Volatiles

Lot-Sample #...: C6K100374-002	**Work Order #...:** JJG641AK	**Matrix.....:** SO
Date Sampled...: 11/08/06	**Date Received..:** 11/10/06	**MS Run #.....:** 6318003
Prep Date.....: 11/13/06	**Analysis Date..:** 11/14/06	
Prep Batch #...: 6318010	**Analysis Time..:** 00:29	
Dilution Factor: 1	**Initial Wgt/Vol:** 5 g	**Final Wgt/Vol..:** 5 mL
% Moisture.....: 19	**Analyst ID.....:** 010099	**Instrument ID..:** HP3
	Method.....: SW846 8260B	

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	25	ug/kg	6.1
Benzene	ND	6.1	ug/kg	0.67
Bromodichloromethane	ND	6.1	ug/kg	0.31
Bromoform	ND	6.1	ug/kg	0.75
Bromomethane	ND	6.1	ug/kg	1.1
2-Butanone	ND	6.1	ug/kg	1.7
Carbon disulfide	ND	6.1	ug/kg	0.44
Carbon tetrachloride	ND	6.1	ug/kg	0.31
Chlorobenzene	ND	6.1	ug/kg	1.0
Chloroethane	ND	6.1	ug/kg	1.2
Chloroform	ND	6.1	ug/kg	0.31
Chloromethane	ND	6.1	ug/kg	0.35
Cyclohexane	ND	6.1	ug/kg	0.46
Dibromochloromethane	ND	6.1	ug/kg	0.32
1,2-Dibromo-3-chloro-propane	ND	6.1	ug/kg	0.57
1,2-Dibromoethane	ND	6.1	ug/kg	0.33
1,3-Dichlorobenzene	ND	6.1	ug/kg	1.1
1,4-Dichlorobenzene	ND	6.1	ug/kg	0.84
1,2-Dichlorobenzene	ND	6.1	ug/kg	1.1
Dichlorodifluoromethane	ND	6.1	ug/kg	0.62
1,1-Dichloroethane	ND	6.1	ug/kg	0.35
1,2-Dichloroethane	ND	6.1	ug/kg	0.37
1,1-Dichloroethene	ND	6.1	ug/kg	0.72
cis-1,2-Dichloroethene	ND	6.1	ug/kg	0.92
trans-1,2-Dichloroethene	ND	6.1	ug/kg	0.80
1,2-Dichloropropane	ND	6.1	ug/kg	0.77
cis-1,3-Dichloropropene	ND	6.1	ug/kg	0.35
trans-1,3-Dichloropropene	ND	6.1	ug/kg	0.34
Ethylbenzene	ND	6.1	ug/kg	1.1
2-Hexanone	ND	6.1	ug/kg	1.0
Isopropylbenzene	ND	6.1	ug/kg	1.4
Methyl acetate	ND	6.1	ug/kg	3.1
Methylene chloride 6.1	~~2.9 J,B~~ U	**6.1**	**ug/kg**	**1.6**
Methylcyclohexane	ND	6.1	ug/kg	0.96
4-Methyl-2-pentanone	ND	6.1	ug/kg	1.0
Methyl tert-butyl ether	ND	6.1	ug/kg	0.50

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YCP
1-21-07

The RETEC Group, Inc.

Client Sample ID: SB12(38-40)

GC/MS Volatiles

Lot-Sample #...: C6K100374-002 **Work Order #...:** JJG641AK **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Styrene	ND	6.1	ug/kg	0.98
1,1,2,2-Tetrachloroethane	ND	6.1	ug/kg	0.55
1,2,4-Trichloro-benzene	ND	6.1	ug/kg	1.7
Tetrachloroethene	ND	6.1	ug/kg	0.94
1,1,1-Trichloroethane	ND	6.1	ug/kg	0.33
1,1,2-Trichloroethane	ND	6.1	ug/kg	0.83
Trichloroethene	ND	6.1	ug/kg	1.1
Trichlorofluoromethane	ND	6.1	ug/kg	1.5
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	6.1	ug/kg	0.43
Vinyl chloride	ND	6.1	ug/kg	0.81
Xylenes (total)	ND	18	ug/kg	3.4
Toluene	ND	6.1	ug/kg	0.73

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	93	(52 - 124)
Toluene-d8	118	(72 - 127)
4-Bromofluorobenzene	92	(63 - 120)
Dibromofluoromethane	99	(68 - 121)

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.

The RETEC Group, Inc.

Client Sample ID: SB12(38-40)

GC/MS Semivolatiles

Lot-Sample #...: C6K100374-002	**Work Order #...:** JJG641AL	**Matrix.....:** SO
Date Sampled...: 11/08/06	**Date Received..:** 11/10/06	**MS Run #.....:** 6317004
Prep Date.....: 11/13/06	**Analysis Date..:** 11/28/06	
Prep Batch #...: 6317012	**Analysis Time..:** 20:35	
Dilution Factor: 1	**Initial Wgt/Vol:** 15 g	**Final Wgt/Vol..:** 0.5 mL
% Moisture.....: 19	**Analyst ID.....:** 007062	**Instrument ID..:** 732
	Method.....: SW846 8270C	

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	410	ug/kg	8.9
Acenaphthylene	ND	410	ug/kg	8.6
Acetophenone	ND	410	ug/kg	100
Anthracene	ND	410	ug/kg	9.4
Atrazine	ND	410	ug/kg	100
Benzo(a)anthracene	ND	410	ug/kg	9.0
Benzo(a)pyrene	ND	410	ug/kg	6.9
Benzo(b)fluoranthene	ND	410	ug/kg	8.2
Benzo(ghi)perylene	ND	410	ug/kg	7.8
Benzo(k)fluoranthene	ND	410	ug/kg	8.0
Benzaldehyde	ND UJ	410	ug/kg	91
1,1'-Biphenyl	ND	410	ug/kg	100
bis(2-Chloroethoxy) methane	ND	410	ug/kg	9.2
bis(2-Chloroethyl)-ether	ND	410	ug/kg	8.0
bis(2-Ethylhexyl) phthalate	ND	410	ug/kg	25
4-Bromophenyl phenyl ether	ND	410	ug/kg	20
Butyl benzyl phthalate	**18 J**	**410**	**ug/kg**	**9.1**
Caprolactam	ND	410	ug/kg	100
Carbazole	ND	410	ug/kg	9.4
4-Chloroaniline	ND	410	ug/kg	20
4-Chloro-3-methylphenol	ND	410	ug/kg	8.9
2-Chloronaphthalene	ND	410	ug/kg	8.7
2-Chlorophenol	ND	410	ug/kg	6.5
4-Chlorophenyl phenyl ether	ND	410	ug/kg	8.4
Chrysene	ND	410	ug/kg	8.0
Dibenz(a,h)anthracene	ND	410	ug/kg	6.7
Dibenzofuran	ND	410	ug/kg	9.2
3,3'-Dichlorobenzidine	ND	2000	ug/kg	10
2,4-Dichlorophenol	ND	410	ug/kg	7.7
Diethyl phthalate	ND	410	ug/kg	8.3
2,4-Dimethylphenol	ND	410	ug/kg	6.6
Dimethyl phthalate	ND	410	ug/kg	8.6

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The RETEC Group, Inc.

Client Sample ID: SB12(38-40)

GC/MS Semivolatiles

Lot-Sample #...: C6K100374-002 Work Order #...: JJG641AL Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-butyl phthalate	ND	410	ug/kg	50
4,6-Dinitro-2-methylphenol	ND UJ	2000	ug/kg	1000
2,4-Dinitrophenol	ND UJ	2000	ug/kg	1000
2,4-Dinitrotoluene	ND	410	ug/kg	4.3
2,6-Dinitrotoluene	ND	410	ug/kg	5.8
Di-n-octyl phthalate	ND	410	ug/kg	9.4
Fluoranthene	ND	410	ug/kg	8.7
Fluorene	ND	410	ug/kg	9.8
Hexachlorobenzene	ND	410	ug/kg	8.2
Hexachlorobutadiene	ND	410	ug/kg	8.0
Hexachlorocyclopentadiene	ND	2000	ug/kg	33
Hexachloroethane	ND	410	ug/kg	7.9
Indeno(1,2,3-cd)pyrene	ND	410	ug/kg	8.2
Isophorone	ND	410	ug/kg	7.8
2-Methylnaphthalene	ND	410	ug/kg	10
2-Methylphenol	ND	410	ug/kg	9.1
4-Methylphenol	ND	410	ug/kg	9.2
Naphthalene	ND	410	ug/kg	9.8
2-Nitroaniline	ND	2000	ug/kg	5.1
3-Nitroaniline	ND	2000	ug/kg	210
4-Nitroaniline	ND	2000	ug/kg	5.7
Nitrobenzene	ND	410	ug/kg	13
2-Nitrophenol	ND	410	ug/kg	7.4
4-Nitrophenol	ND	2000	ug/kg	5.5
N-Nitrosodi-n-propylamine	ND	410	ug/kg	8.3
N-Nitrosodiphenylamine	ND	410	ug/kg	85
2,2'-oxybis(1-Chloropropane)	ND	410	ug/kg	5.9
Pentachlorophenol	ND	2000	ug/kg	560
Phenanthrene	ND	410	ug/kg	9.8
Phenol	ND	410	ug/kg	8.4
Pyrene	ND	410	ug/kg	10
2,4,5-Trichlorophenol	ND	410	ug/kg	23
2,4,6-Trichlorophenol	ND	410	ug/kg	7.0

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yup 1-21-07

The RETEC Group, Inc.

Client Sample ID: SB12(38-40)

GC/MS Semivolatiles

Lot-Sample #...: C6K100374-002 **Work Order #...:** JJG641AL **Matrix.....:** SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	82	(21 - 144)
2-Fluorobiphenyl	79	(26 - 128)
2-Fluorophenol	78	(34 - 115)
Nitrobenzene-d5	78	(30 - 118)
Phenol-d5	78	(35 - 117)
Terphenyl-d14	78	(40 - 115)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

The RETEC Group, Inc.

Client Sample ID: SB12(38-40)

TOTAL Metals

Lot-Sample #...: C6K100374-002 Matrix.....: SO
Date Sampled...: 11/08/06 Date Received..: 11/10/06
% Moisture.....: 19

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 6318078						
Silver	ND	0.61	mg/kg	SW846 6010B	11/16-11/17/06	JJG641AM
		Dilution Factor: 1		Analysis Time..: 19:59	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318051	MDL.....: 0.037	
Aluminum	3530	24.6	mg/kg	SW846 6010B	11/16-11/17/06	JJG641AN
		Dilution Factor: 1		Analysis Time..: 19:59	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318051	MDL.....: 0.98	
Arsenic	2.5	1.2	mg/kg	SW846 6010B	11/16-11/17/06	JJG641AP
		Dilution Factor: 1		Analysis Time..: 19:59	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318051	MDL.....: 0.40	
Barium	22.7 B J	24.6	mg/kg	SW846 6010B	11/16-11/17/06	JJG641AQ
		Dilution Factor: 1		Analysis Time..: 19:59	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318051	MDL.....: 0.12	
Beryllium	0.39 B J	0.49	mg/kg	SW846 6010B	11/16-11/17/06	JJG641AR
		Dilution Factor: 1		Analysis Time..: 19:59	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318051	MDL.....: 0.051	
Calcium	27300	614	mg/kg	SW846 6010B	11/16-11/17/06	JJG641AT
		Dilution Factor: 1		Analysis Time..: 19:59	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318051	MDL.....: 4.9	
Cadmium	ND	0.61	mg/kg	SW846 6010B	11/16-11/17/06	JJG641AU
		Dilution Factor: 1		Analysis Time..: 19:59	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318051	MDL.....: 0.086	
Cobalt	4.2 B J	6.1	mg/kg	SW846 6010B	11/16-11/17/06	JJG641AV
		Dilution Factor: 1		Analysis Time..: 19:59	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318051	MDL.....: 0.065	
Chromium	5.4	0.61	mg/kg	SW846 6010B	11/16-11/17/06	JJG641AW
		Dilution Factor: 1		Analysis Time..: 19:59	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318051	MDL.....: 0.11	

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Yup
1-21-07

The RETEC Group, Inc.

Client Sample ID: SB12(38-40)

TOTAL Metals

Lot-Sample #...: C6K100374-002 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Copper	10.1 B J	3.1	mg/kg	SW846 6010B	11/16-11/17/06	JJG641AX
	Dilution Factor: 1	Analysis Time..: 19:59		Analyst ID.....: 402249		
	Instrument ID..: TRACEICP	MS Run #.....: 6318051		MDL.....: 0.14		
Iron	9890	12.3	mg/kg	SW846 6010B	11/16-11/17/06	JJG641A0
	Dilution Factor: 1	Analysis Time..: 19:59		Analyst ID.....: 402249		
	Instrument ID..: TRACEICP	MS Run #.....: 6318051		MDL.....: 2.2		
Potassium	682 B J	614	mg/kg	SW846 6010B	11/16-11/17/06	JJG641A1
	Dilution Factor: 1	Analysis Time..: 19:59		Analyst ID.....: 402249		
	Instrument ID..: TRACEICP	MS Run #.....: 6318051		MDL.....: 9.2		
Magnesium	6520	614	mg/kg	SW846 6010B	11/16-11/17/06	JJG641A2
	Dilution Factor: 1	Analysis Time..: 19:59		Analyst ID.....: 402249		
	Instrument ID..: TRACEICP	MS Run #.....: 6318051		MDL.....: 1.3		
Manganese	259	1.8	mg/kg	SW846 6010B	11/16-11/17/06	JJG641A3
	Dilution Factor: 1	Analysis Time..: 19:59		Analyst ID.....: 402249		
	Instrument ID..: TRACEICP	MS Run #.....: 6318051		MDL.....: 0.014		
Sodium	115 B J	614	mg/kg	SW846 6010B	11/16-11/17/06	JJG641A4
	Dilution Factor: 1	Analysis Time..: 19:59		Analyst ID.....: 402249		
	Instrument ID..: TRACEICP	MS Run #.....: 6318051		MDL.....: 19.2		
Nickel	8.0	4.9	mg/kg	SW846 6010B	11/16-11/17/06	JJG641A5
	Dilution Factor: 1	Analysis Time..: 19:59		Analyst ID.....: 402249		
	Instrument ID..: TRACEICP	MS Run #.....: 6318051		MDL.....: 0.15		
Lead	3.5	0.37	mg/kg	SW846 6010B	11/16-11/17/06	JJG641A6
	Dilution Factor: 1	Analysis Time..: 19:59		Analyst ID.....: 402249		
	Instrument ID..: TRACEICP	MS Run #.....: 6318051		MDL.....: 0.19		
Selenium	0.42 B J	0.61	mg/kg	SW846 6010B	11/16-11/17/06	JJG641AA
	Dilution Factor: 1	Analysis Time..: 19:59		Analyst ID.....: 402249		
	Instrument ID..: TRACEICP	MS Run #.....: 6318051		MDL.....: 0.32		
Thallium	ND	1.2	mg/kg	SW846 6010B	11/16-11/17/06	JJG641AC
	Dilution Factor: 1	Analysis Time..: 19:59		Analyst ID.....: 402249		
	Instrument ID..: TRACEICP	MS Run #.....: 6318051		MDL.....: 0.56		

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GJP 1-21-07

The RETEC Group, Inc.

Client Sample ID: SB12(38-40)

TOTAL Metals

Lot-Sample #...: C6K100374-002 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	ND	1.2	mg/kg	SW846 6010B	11/16-11/17/06	JJG641AD
		Dilution Factor: 1		Analysis Time..: 19:59	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318051	MDL.....: 0.39	
Vanadium	**11.0**	**6.1**	**mg/kg**	**SW846 6010B**	**11/16-11/17/06**	**JJG641AE**
		Dilution Factor: 1		Analysis Time..: 19:59	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318051	MDL.....: 0.13	
Zinc	**24.5 J**	**2.5**	**mg/kg**	**SW846 6010B**	**11/16-11/17/06**	**JJG641AF**
		Dilution Factor: 1		Analysis Time..: 19:59	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318051	MDL.....: 0.21	
Prep Batch #...: 6333107						
Mercury	ND	0.041	mg/kg	SW846 7471A	11/29/06	JJG641AG
		Dilution Factor: 1		Analysis Time..: 14:56	Analyst ID.....: 400491	
		Instrument ID..: HGHYDRA		MS Run #.....: 6333065	MDL.....: 0.0098	

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.

YuP
1-21-07

The RETEC Group, Inc.

Client Sample ID: SB-13 ~~(0-11)~~ (10-11)

GC/MS Volatiles

Lot-Sample #...: C6K030390-003	Work Order #...: JHX621AK	Matrix.....: SO	
Date Sampled...: 11/01/06	Date Received..: 11/03/06	MS Run #.....: 6310039	
Prep Date.....: 11/06/06	Analysis Date..: 11/06/06		
Prep Batch #...: 6310052	Analysis Time..: 10:42		
Dilution Factor: 1	Initial Wgt/Vol: 5 g	Final Wgt/Vol..: 5 mL	
% Moisture.....: 21	Analyst ID.....: 010099	Instrument ID..: HP3	
	Method.....: SW846 8260B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND UJ	25	ug/kg	6.3
Benzene	ND	6.3	ug/kg	0.69
Bromodichloromethane	ND	6.3	ug/kg	0.32
Bromoform	ND	6.3	ug/kg	0.77
Bromomethane	ND	6.3	ug/kg	1.2
2-Butanone	ND	6.3	ug/kg	1.8
Carbon disulfide	ND	6.3	ug/kg	0.46
Carbon tetrachloride	ND	6.3	ug/kg	0.32
Chlorobenzene	ND	6.3	ug/kg	1.1
Chloroethane	ND	6.3	ug/kg	1.2
Chloroform	ND	6.3	ug/kg	0.32
Chloromethane	ND	6.3	ug/kg	0.36
Cyclohexane	ND	6.3	ug/kg	0.48
Dibromochloromethane	ND	6.3	ug/kg	0.33
1,2-Dibromo-3-chloro-propane	ND	6.3	ug/kg	0.59
1,2-Dibromoethane	ND	6.3	ug/kg	0.34
1,3-Dichlorobenzene	ND	6.3	ug/kg	1.2
1,4-Dichlorobenzene	ND	6.3	ug/kg	0.87
1,2-Dichlorobenzene	ND	6.3	ug/kg	1.2
Dichlorodifluoromethane	ND	6.3	ug/kg	0.64
1,1-Dichloroethane	ND	6.3	ug/kg	0.36
1,2-Dichloroethane	ND	6.3	ug/kg	0.38
1,1-Dichloroethene	ND	6.3	ug/kg	0.75
cis-1,2-Dichloroethene	ND	6.3	ug/kg	0.95
trans-1,2-Dichloroethene	ND	6.3	ug/kg	0.83
1,2-Dichloropropane	ND	6.3	ug/kg	0.79
cis-1,3-Dichloropropene	ND	6.3	ug/kg	0.36
trans-1,3-Dichloropropene	ND	6.3	ug/kg	0.35
Ethylbenzene	ND	6.3	ug/kg	1.2
2-Hexanone	ND	6.3	ug/kg	1.0
Isopropylbenzene	ND	6.3	ug/kg	1.4
Methyl acetate	ND	6.3	ug/kg	3.2
Methylene chloride	~~2.9 J,B~~ 6.3U	**6.3**	**ug/kg**	**1.7**
Methylcyclohexane	ND	6.3	ug/kg	0.99
4-Methyl-2-pentanone	ND	6.3	ug/kg	1.1
Methyl tert-butyl ether	ND	6.3	ug/kg	0.52

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The RETEC Group, Inc.

Client Sample ID: SB-13 ~~(0-11)~~ (10-11) JHE

GC/MS Volatiles

Lot-Sample #...: C6K030390-003 **Work Order #...:** JHX621AK **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Styrene	ND	6.3	ug/kg	1.0
1,1,2,2-Tetrachloroethane	ND	6.3	ug/kg	0.57
1,2,4-Trichloro-benzene	ND	6.3	ug/kg	1.8
Tetrachloroethene	ND	6.3	ug/kg	0.97
1,1,1-Trichloroethane	ND	6.3	ug/kg	0.34
1,1,2-Trichloroethane	ND	6.3	ug/kg	0.86
Trichloroethene	ND	6.3	ug/kg	1.1
Trichlorofluoromethane	ND	6.3	ug/kg	1.5
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	6.3	ug/kg	0.44
Vinyl chloride	ND	6.3	ug/kg	0.83
Xylenes (total)	ND	19	ug/kg	3.5
Toluene	ND	6.3	ug/kg	0.75

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	77	(52 - 124)
Toluene-d8	105	(72 - 127)
4-Bromofluorobenzene	95	(63 - 120)
Dibromofluoromethane	91	(68 - 121)

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.

The RETEC Group, Inc.

Client Sample ID: SB-13~~(0-11)~~ (10 - 11) 5+E

GC/MS Semivolatiles

Lot-Sample #...:	C6K030390-003	**Work Order #...:**	JHX621AL	**Matrix.....:**	SO
Date Sampled...:	11/01/06 14:30	**Date Received..:**	11/03/06 09:40	**MS Run #.....:**	6312005
Prep Date.....:	11/08/06	**Analysis Date..:**	11/20/06		
Prep Batch #...:	6312013	**Analysis Time..:**	19:16		
Dilution Factor:	1	**Initial Wgt/Vol:**	15 g	**Final Wgt/Vol..:**	0.5 mL
% Moisture.....:	21	**Analyst ID.....:**	003200	**Instrument ID..:**	731
		Method.....:	SW846 8270C		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	420	ug/kg	9.2
Acenaphthylene	ND	420	ug/kg	8.8
Acetophenone	ND	420	ug/kg	110
Anthracene	ND	420	ug/kg	9.7
Atrazine	ND	420	ug/kg	110
Benzo(a)anthracene	ND	420	ug/kg	9.3
Benzo(a)pyrene	ND	420	ug/kg	7.1
Benzo(b)fluoranthene	ND	420	ug/kg	8.4
Benzo(ghi)perylene	ND	420	ug/kg	8.0
Benzo(k)fluoranthene	ND	420	ug/kg	8.3
Benzaldehyde	ND	420	ug/kg	94
1,1'-Biphenyl	ND	420	ug/kg	110
bis(2-Chloroethoxy) methane	ND	420	ug/kg	9.5
bis(2-Chloroethyl)-ether	ND	420	ug/kg	8.2
bis(2-Ethylhexyl) phthalate	ND	420	ug/kg	26
4-Bromophenyl phenyl ether	ND	420	ug/kg	21
Butyl benzyl phthalate	ND	420	ug/kg	9.4
Caprolactam	ND	420	ug/kg	110
Carbazole	ND	420	ug/kg	9.7
4-Chloroaniline	ND	420	ug/kg	21
4-Chloro-3-methylphenol	ND	420	ug/kg	9.2
2-Chloronaphthalene	ND	420	ug/kg	9.0
2-Chlorophenol	ND	420	ug/kg	6.7
4-Chlorophenyl phenyl ether	ND	420	ug/kg	8.6
Chrysene	ND	420	ug/kg	8.3
Dibenz(a,h)anthracene	ND	420	ug/kg	6.9
Dibenzofuran	ND	420	ug/kg	9.5
3,3'-Dichlorobenzidine	ND	2000	ug/kg	10
2,4-Dichlorophenol	ND	420	ug/kg	8.0
Diethyl phthalate	ND	420	ug/kg	8.5
2,4-Dimethylphenol	ND	420	ug/kg	6.8
Dimethyl phthalate	ND	420	ug/kg	8.8

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The RETEC Group, Inc.

Client Sample ID: SB-13 ~~(0-11)~~ (10-11) JTE

GC/MS Semivolatiles

Lot-Sample #...: C6K030390-003 Work Order #...: JHX621AL Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-butyl phthalate	ND	420	ug/kg	52
4,6-Dinitro-2-methylphenol	ND	2000	ug/kg	1100
2,4-Dinitrophenol	ND	2000	ug/kg	1100
2,4-Dinitrotoluene	ND	420	ug/kg	4.4
2,6-Dinitrotoluene	ND	420	ug/kg	6.0
Di-n-octyl phthalate	ND	420	ug/kg	9.7
Fluoranthene	ND	420	ug/kg	9.0
Fluorene	ND	420	ug/kg	10
Hexachlorobenzene	ND	420	ug/kg	8.5
Hexachlorobutadiene	ND	420	ug/kg	8.3
Hexachlorocyclopentadiene	ND	2000	ug/kg	34
Hexachloroethane	ND	420	ug/kg	8.1
Indeno(1,2,3-cd)pyrene	ND	420	ug/kg	8.4
Isophorone	ND	420	ug/kg	8.1
2-Methylnaphthalene	ND	420	ug/kg	10
2-Methylphenol	ND	420	ug/kg	9.4
4-Methylphenol	ND	420	ug/kg	9.5
Naphthalene	ND	420	ug/kg	10
2-Nitroaniline	ND	2000	ug/kg	5.2
3-Nitroaniline	ND	2000	ug/kg	210
4-Nitroaniline	ND	2000	ug/kg	5.9
Nitrobenzene	ND	420	ug/kg	14
2-Nitrophenol	ND	420	ug/kg	7.6
4-Nitrophenol	ND	2000	ug/kg	5.7
N-Nitrosodi-n-propylamine	ND	420	ug/kg	8.6
N-Nitrosodiphenylamine	ND	420	ug/kg	88
2,2'-oxybis(1-Chloropropane)	ND	420	ug/kg	6.1
Pentachlorophenol	ND	2000	ug/kg	580
Phenanthrene	ND	420	ug/kg	10
Phenol	ND	420	ug/kg	8.7
Pyrene	ND	420	ug/kg	10
2,4,5-Trichlorophenol	ND	420	ug/kg	24
2,4,6-Trichlorophenol	ND	420	ug/kg	7.2

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The RETEC Group, Inc.

Client Sample ID: SB-13 ~~(0-11)~~ (10-11) 3745

GC/MS Semivolatiles

Lot-Sample #...: C6K030390-003 Work Order #...: JHX621AL Matrix.....: SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	50	(21 - 144)
2-Fluorobiphenyl	63	(26 - 128)
2-Fluorophenol	64	(34 - 115)
Nitrobenzene-d5	59	(30 - 118)
Phenol-d5	64	(35 - 117)
Terphenyl-d14	54	(40 - 115)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

The RETEC Group, Inc.

Client Sample ID: SB-13 ~~(0-11)~~ (10-11) STE

TOTAL Metals

Lot-Sample #...: C6K030390-003 Matrix.....: SO
Date Sampled...: 11/01/06 Date Received..: 11/03/06
% Moisture.....: 21

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 6318071						
Silver	ND	0.63	mg/kg	SW846 6010B	11/16-11/17/06	JHX621AM
	Dilution Factor: 1	Analysis Time..: 16:01		Analyst ID.....: 402249		
	Instrument ID..: TRACEICP	MS Run #.....: 6318047		MDL.....: 0.038		
Aluminum	3560 ~~B~~	25.4	mg/kg	SW846 6010B	11/16-11/17/06	JHX621AN
	Dilution Factor: 1	Analysis Time..: 16:01		Analyst ID.....: 402249		
	Instrument ID..: TRACEICP	MS Run #.....: 6318047		MDL.....: 1.0		
Arsenic	2.6	1.3	mg/kg	SW846 6010B	11/16-11/17/06	JHX621AP
	Dilution Factor: 1	Analysis Time..: 16:01		Analyst ID.....: 402249		
	Instrument ID..: TRACEICP	MS Run #.....: 6318047		MDL.....: 0.42		
Barium	24.7 ~~B~~ J	25.4	mg/kg	SW846 6010B	11/16-11/17/06	JHX621AQ
	Dilution Factor: 1	Analysis Time..: 16:01		Analyst ID.....: 402249		
	Instrument ID..: TRACEICP	MS Run #.....: 6318047		MDL.....: 0.13		
Beryllium	0.36 ~~B~~ J	0.51	mg/kg	SW846 6010B	11/16-11/17/06	JHX621AR
	Dilution Factor: 1	Analysis Time..: 16:01		Analyst ID.....: 402249		
	Instrument ID..: TRACEICP	MS Run #.....: 6318047		MDL.....: 0.053		
Calcium	1630	634	mg/kg	SW846 6010B	11/16-11/17/06	JHX621AT
	Dilution Factor: 1	Analysis Time..: 16:01		Analyst ID.....: 402249		
	Instrument ID..: TRACEICP	MS Run #.....: 6318047		MDL.....: 5.0		
Cadmium	ND	0.63	mg/kg	SW846 6010B	11/16-11/17/06	JHX621AU
	Dilution Factor: 1	Analysis Time..: 16:01		Analyst ID.....: 402249		
	Instrument ID..: TRACEICP	MS Run #.....: 6318047		MDL.....: 0.088		
Cobalt	3.6 ~~B~~ J	6.3	mg/kg	SW846 6010B	11/16-11/17/06	JHX621AV
	Dilution Factor: 1	Analysis Time..: 16:01		Analyst ID.....: 402249		
	Instrument ID..: TRACEICP	MS Run #.....: 6318047		MDL.....: 0.067		
Chromium	4.5	0.63	mg/kg	SW846 6010B	11/16-11/17/06	JHX621AW
	Dilution Factor: 1	Analysis Time..: 16:01		Analyst ID.....: 402249		
	Instrument ID..: TRACEICP	MS Run #.....: 6318047		MDL.....: 0.12		

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The RETEC Group, Inc.

Client Sample ID: SB-13 ~~(0-11)~~ (10-11) JTEC

TOTAL Metals

Lot-Sample #...: C6K030390-003 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Copper	8.4 ~~B~~	3.2	mg/kg	SW846 6010B	11/16-11/17/06	JHX621AX
	Dilution Factor: 1	Analysis Time..: 16:01		Analyst ID.....: 402249		
	Instrument ID..: TRACEICP	MS Run #.....: 6318047		MDL.....: 0.15		
Iron	7830	12.7	mg/kg	SW846 6010B	11/16-11/17/06	JHX621A0
	Dilution Factor: 1	Analysis Time..: 16:01		Analyst ID.....: 402249		
	Instrument ID..: TRACEICP	MS Run #.....: 6318047		MDL.....: 2.3		
Potassium	~~465 B,J~~ 634 U	634	mg/kg	SW846 6010B	11/16-11/17/06	JHX621A1
	Dilution Factor: 1	Analysis Time..: 16:01		Analyst ID.....: 402249		
	Instrument ID..: TRACEICP	MS Run #.....: 6318047		MDL.....: 9.5		
Magnesium	1270	634	mg/kg	SW846 6010B	11/16-11/17/06	JHX621A2
	Dilution Factor: 1	Analysis Time..: 16:01		Analyst ID.....: 402249		
	Instrument ID..: TRACEICP	MS Run #.....: 6318047		MDL.....: 1.3		
Manganese	128 J-	1.9	mg/kg	SW846 6010B	11/16-11/17/06	JHX621A3
	Dilution Factor: 1	Analysis Time..: 16:01		Analyst ID.....: 402249		
	Instrument ID..: TRACEICP	MS Run #.....: 6318047		MDL.....: 0.014		
Sodium	317 ~~B~~ J	634	mg/kg	SW846 6010B	11/16-11/17/06	JHX621A4
	Dilution Factor: 1	Analysis Time..: 16:01		Analyst ID.....: 402249		
	Instrument ID..: TRACEICP	MS Run #.....: 6318047		MDL.....: 19.9		
Nickel	6.7	5.1	mg/kg	SW846 6010B	11/16-11/17/06	JHX621A5
	Dilution Factor: 1	Analysis Time..: 16:01		Analyst ID.....: 402249		
	Instrument ID..: TRACEICP	MS Run #.....: 6318047		MDL.....: 0.16		
Lead	3.1	0.38	mg/kg	SW846 6010B	11/16-11/17/06	JHX621A6
	Dilution Factor: 1	Analysis Time..: 16:01		Analyst ID.....: 402249		
	Instrument ID..: TRACEICP	MS Run #.....: 6318047		MDL.....: 0.20		
Selenium	0.33 ~~B~~ J	0.63	mg/kg	SW846 6010B	11/16-11/17/06	JHX621AA
	Dilution Factor: 1	Analysis Time..: 16:01		Analyst ID.....: 402249		
	Instrument ID..: TRACEICP	MS Run #.....: 6318047		MDL.....: 0.33		
Thallium	ND	1.3	mg/kg	SW846 6010B	11/16-11/17/06	JHX621AC
	Dilution Factor: 1	Analysis Time..: 16:01		Analyst ID.....: 402249		
	Instrument ID..: TRACEICP	MS Run #.....: 6318047		MDL.....: 0.58		

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The RETEC Group, Inc.

Client Sample ID: SB-13 ~~(0-11)~~ (10-11) JNE

TOTAL Metals

Lot-Sample #...: C6K030390-003 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	ND UJ	1.3	mg/kg	SW846 6010B	11/16-11/17/06	JHX621AD
		Dilution Factor: 1		Analysis Time..: 16:01	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.41	
Vanadium	8.5	6.3	mg/kg	SW846 6010B	11/16-11/17/06	JHX621AE
		Dilution Factor: 1		Analysis Time..: 16:01	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.13	
Zinc	19.4 J	2.5	mg/kg	SW846 6010B	11/16-11/17/06	JHX621AF
		Dilution Factor: 1		Analysis Time..: 16:01	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.21	
Prep Batch #...: 6324025						
Mercury	0.011 ~~B~~ J	0.042	mg/kg	SW846 7471A	11/20/06	JHX621AG
		Dilution Factor: 1		Analysis Time..: 09:21	Analyst ID.....: 031043	
		Instrument ID..: HGHYDRA		MS Run #.....: 6324017	MDL.....: 0.010	

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.

The RETEC Group, Inc.

Client Sample ID: SB13(37-39)

GC/MS Volatiles

Lot-Sample #...:	C6K100374-003	**Work Order #...:**	JJG661AK	**Matrix.....:**	SO
Date Sampled...:	11/09/06	**Date Received..:**	11/10/06	**MS Run #.....:**	6316021
Prep Date.....:	11/12/06	**Analysis Date..:**	11/13/06		
Prep Batch #...:	6316062	**Analysis Time..:**	08:21		
Dilution Factor:	1	**Initial Wgt/Vol:**	5 g	**Final Wgt/Vol..:**	5 mL
% Moisture.....:	17	**Analyst ID.....:**	010099	**Instrument ID..:**	HP3
		Method.....:	SW846 8260B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	24	ug/kg	6.0
Benzene	7.3 J	**6.0**	**ug/kg**	**0.66**
Bromodichloromethane	ND	6.0	ug/kg	0.30
Bromoform	ND	6.0	ug/kg	0.73
Bromomethane	ND	6.0	ug/kg	1.1
2-Butanone	ND	6.0	ug/kg	1.7
Carbon disulfide	ND	6.0	ug/kg	0.43
Carbon tetrachloride	ND	6.0	ug/kg	0.30
Chlorobenzene	ND	6.0	ug/kg	1.0
Chloroethane	ND	6.0	ug/kg	1.1
Chloroform	ND	6.0	ug/kg	0.30
Chloromethane	ND	6.0	ug/kg	0.34
Cyclohexane	ND	6.0	ug/kg	0.45
Dibromochloromethane	ND	6.0	ug/kg	0.31
1,2-Dibromo-3-chloro-propane	ND	6.0	ug/kg	0.56
1,2-Dibromoethane	ND	6.0	ug/kg	0.32
1,3-Dichlorobenzene	ND	6.0	ug/kg	1.1
1,4-Dichlorobenzene	ND	6.0	ug/kg	0.82
1,2-Dichlorobenzene	ND	6.0	ug/kg	1.1
Dichlorodifluoromethane	ND	6.0	ug/kg	0.61
1,1-Dichloroethane	ND	6.0	ug/kg	0.35
1,2-Dichloroethane	ND	6.0	ug/kg	0.36
1,1-Dichloroethene	ND	6.0	ug/kg	0.71
cis-1,2-Dichloroethene	ND	6.0	ug/kg	0.90
trans-1,2-Dichloroethene	ND	6.0	ug/kg	0.78
1,2-Dichloropropane	ND	6.0	ug/kg	0.75
cis-1,3-Dichloropropene	ND	6.0	ug/kg	0.34
trans-1,3-Dichloropropene	ND	6.0	ug/kg	0.33
Ethylbenzene	11 J	**6.0**	**ug/kg**	**1.1**
2-Hexanone	ND	6.0	ug/kg	0.98
Isopropylbenzene	ND	6.0	ug/kg	1.3
Methyl acetate	ND	6.0	ug/kg	3.0
Methylene chloride 6.0	~~3.6 J,B~~ U	**6.0**	**ug/kg**	**1.6**
Methylcyclohexane	ND	6.0	ug/kg	0.94
4-Methyl-2-pentanone	ND	6.0	ug/kg	1.0
Methyl tert-butyl ether	ND	6.0	ug/kg	0.49

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YLP
1-21-07

The RETEC Group, Inc.

Client Sample ID: SB13(37-39)

GC/MS Volatiles

Lot-Sample #...: C6K100374-003 Work Order #...: JJG661AK Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Styrene	ND	6.0	ug/kg	0.96
1,1,2,2-Tetrachloroethane	ND	6.0	ug/kg	0.54
1,2,4-Trichloro-benzene	ND	6.0	ug/kg	1.7
Tetrachloroethene	ND	6.0	ug/kg	0.92
1,1,1-Trichloroethane	ND	6.0	ug/kg	0.33
1,1,2-Trichloroethane	ND	6.0	ug/kg	0.81
Trichloroethene	ND	6.0	ug/kg	1.0
Trichlorofluoromethane	ND	6.0	ug/kg	1.4
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	6.0	ug/kg	0.42
Vinyl chloride	ND	6.0	ug/kg	0.79
Xylenes (total)	**28** J	**18**	**ug/kg**	**3.3**
Toluene	**10** J	**6.0**	**ug/kg**	**0.71**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	88	(52 - 124)
Toluene-d8	108	(72 - 127)
4-Bromofluorobenzene	97	(63 - 120)
Dibromofluoromethane	97	(68 - 121)

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.

JCP
1-21-07

The RETEC Group, Inc.

Client Sample ID: SB13(37-39)

GC/MS Semivolatiles

Lot-Sample #...: C6K100374-003	Work Order #...: JJG661AL	Matrix.....: SO
Date Sampled...: 11/09/06	Date Received..: 11/10/06	MS Run #.....: 6317004
Prep Date.....: 11/13/06	Analysis Date..: 11/28/06	
Prep Batch #...: 6317012	Analysis Time..: 21:02	
Dilution Factor: 1	Initial Wgt/Vol: 15 g	Final Wgt/Vol..: 0.5 mL
% Moisture.....: 17	Analyst ID.....: 007062	Instrument ID..: 732
	Method.....: SW846 8270C	

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	**22 J**	**400**	**ug/kg**	**8.7**
Acenaphthylene	**39 J**	**400**	**ug/kg**	**8.4**
Acetophenone	ND	400	ug/kg	100
Anthracene	**28 J**	**400**	**ug/kg**	**9.1**
Atrazine	ND	400	ug/kg	100
Benzo(a)anthracene	ND	400	ug/kg	8.8
Benzo(a)pyrene	ND	400	ug/kg	6.7
Benzo(b)fluoranthene	ND	400	ug/kg	8.0
Benzo(ghi)perylene	ND	400	ug/kg	7.6
Benzo(k)fluoranthene	ND	400	ug/kg	7.8
Benzaldehyde	ND UJ	400	ug/kg	89
1,1'-Biphenyl	ND	400	ug/kg	100
bis(2-Chloroethoxy) methane	ND	400	ug/kg	9.0
bis(2-Chloroethyl)-ether	ND	400	ug/kg	7.8
bis(2-Ethylhexyl) phthalate	ND	400	ug/kg	25
4-Bromophenyl phenyl ether	ND	400	ug/kg	20
Butyl benzyl phthalate	**13 J**	**400**	**ug/kg**	**8.9**
Caprolactam	ND	400	ug/kg	100
Carbazole	ND	400	ug/kg	9.2
4-Chloroaniline	ND	400	ug/kg	20
4-Chloro-3-methylphenol	ND	400	ug/kg	8.7
2-Chloronaphthalene	ND	400	ug/kg	8.5
2-Chlorophenol	ND	400	ug/kg	6.3
4-Chlorophenyl phenyl ether	ND	400	ug/kg	8.2
Chrysene	ND	400	ug/kg	7.8
Dibenz(a,h)anthracene	ND	400	ug/kg	6.5
Dibenzofuran	ND	400	ug/kg	9.0
3,3'-Dichlorobenzidine	ND	1900	ug/kg	9.9
2,4-Dichlorophenol	ND	400	ug/kg	7.5
Diethyl phthalate	ND	400	ug/kg	8.1
2,4-Dimethylphenol	ND	400	ug/kg	6.4
Dimethyl phthalate	ND	400	ug/kg	8.4

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yzw 1-2007

The RETEC Group, Inc.

Client Sample ID: SB13(37-39)

GC/MS Semivolatiles

Lot-Sample #...: C6K100374-003 **Work Order #...:** JJG661AL **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-butyl phthalate	ND	400	ug/kg	49
4,6-Dinitro-2-methylphenol	ND UJ	1900	ug/kg	1000
2,4-Dinitrophenol	ND UJ	1900	ug/kg	1000
2,4-Dinitrotoluene	ND	400	ug/kg	4.2
2,6-Dinitrotoluene	ND	400	ug/kg	5.7
Di-n-octyl phthalate	ND	400	ug/kg	9.2
Fluoranthene	ND	400	ug/kg	8.5
Fluorene	**29 J**	**400**	**ug/kg**	**9.5**
Hexachlorobenzene	ND	400	ug/kg	8.0
Hexachlorobutadiene	ND	400	ug/kg	7.8
Hexachlorocyclopentadiene	ND	1900	ug/kg	32
Hexachloroethane	ND	400	ug/kg	7.7
Indeno(1,2,3-cd)pyrene	ND	400	ug/kg	8.0
Isophorone	ND	400	ug/kg	7.6
2-Methylnaphthalene	**140 J**	**400**	**ug/kg**	**9.8**
2-Methylphenol	ND	400	ug/kg	8.9
4-Methylphenol	**9.5 J**	**400**	**ug/kg**	**9.0**
Naphthalene	**430**	**400**	**ug/kg**	**9.5**
2-Nitroaniline	ND	1900	ug/kg	5.0
3-Nitroaniline	ND	1900	ug/kg	200
4-Nitroaniline	ND	1900	ug/kg	5.6
Nitrobenzene	ND	400	ug/kg	13
2-Nitrophenol	ND	400	ug/kg	7.2
4-Nitrophenol	ND	1900	ug/kg	5.4
N-Nitrosodi-n-propylamine	ND	400	ug/kg	8.1
N-Nitrosodiphenylamine	ND	400	ug/kg	83
2,2'-oxybis(1-Chloropropane)	ND	400	ug/kg	5.8
Pentachlorophenol	ND	1900	ug/kg	550
Phenanthrene	**96 J**	**400**	**ug/kg**	**9.6**
Phenol	**25 J**	**400**	**ug/kg**	**8.2**
Pyrene	ND	400	ug/kg	9.8
2,4,5-Trichlorophenol	ND	400	ug/kg	23
2,4,6-Trichlorophenol	ND	400	ug/kg	6.9

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yuP
1-24-07

The RETEC Group, Inc.

Client Sample ID: SB13(37-39)

GC/MS Semivolatiles

Lot-Sample #...: C6K100374-003 **Work Order #...:** JJG661AL **Matrix.....:** SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	73	(21 - 144)
2-Fluorobiphenyl	69	(26 - 128)
2-Fluorophenol	69	(34 - 115)
Nitrobenzene-d5	68	(30 - 118)
Phenol-d5	67	(35 - 117)
Terphenyl-d14	67	(40 - 115)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

The RETEC Group, Inc.

Client Sample ID: SB13(37-39)

TOTAL Metals

Lot-Sample #...: C6K100374-003 Matrix.....: SO
Date Sampled...: 11/09/06 Date Received..: 11/10/06
% Moisture.....: 17

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 6318078						
Silver	ND	0.60	mg/kg	SW846 6010B	11/16-11/17/06	JJG661AM
		Dilution Factor: 1		Analysis Time..: 20:04	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318051	MDL.....: 0.036	
Aluminum	2580	24.0	mg/kg	SW846 6010B	11/16-11/17/06	JJG661AN
		Dilution Factor: 1		Analysis Time..: 20:04	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318051	MDL.....: 0.96	
Arsenic	1.8	1.2	mg/kg	SW846 6010B	11/16-11/17/06	JJG661AP
		Dilution Factor: 1		Analysis Time..: 20:04	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318051	MDL.....: 0.40	
Barium	13.8 B J	24.0	mg/kg	SW846 6010B	11/16-11/17/06	JJG661AQ
		Dilution Factor: 1		Analysis Time..: 20:04	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318051	MDL.....: 0.12	
Beryllium	0.17 B J	0.48	mg/kg	SW846 6010B	11/16-11/17/06	JJG661AR
		Dilution Factor: 1		Analysis Time..: 20:04	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318051	MDL.....: 0.050	
Calcium	22000	600	mg/kg	SW846 6010B	11/16-11/17/06	JJG661AT
		Dilution Factor: 1		Analysis Time..: 20:04	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318051	MDL.....: 4.7	
Cadmium	ND	0.60	mg/kg	SW846 6010B	11/16-11/17/06	JJG661AU
		Dilution Factor: 1		Analysis Time..: 20:04	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318051	MDL.....: 0.084	
Cobalt	2.7 B J	6.0	mg/kg	SW846 6010B	11/16-11/17/06	JJG661AV
		Dilution Factor: 1		Analysis Time..: 20:04	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318051	MDL.....: 0.063	
Chromium	4.4	0.60	mg/kg	SW846 6010B	11/16-11/17/06	JJG661AW
		Dilution Factor: 1		Analysis Time..: 20:04	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318051	MDL.....: 0.11	

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1-21-07

The RETEC Group, Inc.

Client Sample ID: SB13(37-39)

TOTAL Metals

Lot-Sample #...: C6K100374-003 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Copper	6.3 ~~J~~	3.0	mg/kg	SW846 6010B	11/16-11/17/06	JJG661AX
		Dilution Factor: 1		Analysis Time..: 20:04	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318051	MDL.....: 0.14	
Iron	6420	12.0	mg/kg	SW846 6010B	11/16-11/17/06	JJG661A0
		Dilution Factor: 1		Analysis Time..: 20:04	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318051	MDL.....: 2.2	
Potassium	~~524 B,J~~ 600 U	600	mg/kg	SW846 6010B	11/16-11/17/06	JJG661A1
		Dilution Factor: 1		Analysis Time..: 20:04	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318051	MDL.....: 9.0	
Magnesium	4050	600	mg/kg	SW846 6010B	11/16-11/17/06	JJG661A2
		Dilution Factor: 1		Analysis Time..: 20:04	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318051	MDL.....: 1.2	
Manganese	135	1.8	mg/kg	SW846 6010B	11/16-11/17/06	JJG661A3
		Dilution Factor: 1		Analysis Time..: 20:04	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318051	MDL.....: 0.014	
Sodium	74.5 ~~B~~ J	600	mg/kg	SW846 6010B	11/16-11/17/06	JJG661A4
		Dilution Factor: 1		Analysis Time..: 20:04	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318051	MDL.....: 18.8	
Nickel	5.6	4.8	mg/kg	SW846 6010B	11/16-11/17/06	JJG661A5
		Dilution Factor: 1		Analysis Time..: 20:04	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318051	MDL.....: 0.15	
Lead	2.3	0.36	mg/kg	SW846 6010B	11/16-11/17/06	JJG661A6
		Dilution Factor: 1		Analysis Time..: 20:04	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318051	MDL.....: 0.19	
Selenium	ND	0.60	mg/kg	SW846 6010B	11/16-11/17/06	JJG661AA
		Dilution Factor: 1		Analysis Time..: 20:04	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318051	MDL.....: 0.31	
Thallium	ND	1.2	mg/kg	SW846 6010B	11/16-11/17/06	JJG661AC
		Dilution Factor: 1		Analysis Time..: 20:04	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318051	MDL.....: 0.55	

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JJP 1-21-07

The RETEC Group, Inc.

Client Sample ID: SB13(37-39)

TOTAL Metals

Lot-Sample #...: C6K100374-003 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	~~0.41 B,J~~ 1.2 U	**1.2**	**mg/kg**	**SW846 6010B**	**11/16-11/17/06**	**JJG661AD**
		Dilution Factor: 1		Analysis Time..: 20:04	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318051	MDL.....: 0.38	
Vanadium	**7.2**	**6.0**	**mg/kg**	**SW846 6010B**	**11/16-11/17/06**	**JJG661AE**
		Dilution Factor: 1		Analysis Time..: 20:04	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318051	MDL.....: 0.12	
Zinc	**16.5** J	**2.4**	**mg/kg**	**SW846 6010B**	**11/16-11/17/06**	**JJG661AF**
		Dilution Factor: 1		Analysis Time..: 20:04	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318051	MDL.....: 0.20	
Prep Batch #...: 6333107						
Mercury	ND	0.040	mg/kg	SW846 7471A	11/29/06	JJG661AG
		Dilution Factor: 1		Analysis Time..: 15:02	Analyst ID.....: 400491	
		Instrument ID..: HGHYDRA		MS Run #.....: 6333065	MDL.....: 0.0096	

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.

JJG 1-21-07

The RETEC Group, Inc.

Client Sample ID: SB130(37-39)

GC/MS Volatiles

Lot-Sample #...:	C6K100374-004	**Work Order #...:**	JJG681AK	**Matrix.....:**	SO
Date Sampled...:	11/09/06	**Date Received..:**	11/10/06	**MS Run #.....:**	6318003
Prep Date.....:	11/13/06	**Analysis Date..:**	11/14/06		
Prep Batch #...:	6318010	**Analysis Time..:**	00:53		
Dilution Factor:	1	**Initial Wgt/Vol:**	5 g	**Final Wgt/Vol..:**	5 mL
% Moisture.....:	18	**Analyst ID.....:**	010099	**Instrument ID..:**	HP3
		Method.....:	SW846 8260B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	24	ug/kg	6.1
Benzene	ND UJ	6.1	ug/kg	0.66
Bromodichloromethane	ND	6.1	ug/kg	0.30
Bromoform	ND	6.1	ug/kg	0.74
Bromomethane	ND	6.1	ug/kg	1.1
2-Butanone	ND	6.1	ug/kg	1.7
Carbon disulfide	ND	6.1	ug/kg	0.44
Carbon tetrachloride	ND	6.1	ug/kg	0.30
Chlorobenzene	ND	6.1	ug/kg	1.0
Chloroethane	ND	6.1	ug/kg	1.1
Chloroform	ND	6.1	ug/kg	0.30
Chloromethane	ND	6.1	ug/kg	0.35
Cyclohexane	ND	6.1	ug/kg	0.46
Dibromochloromethane	ND	6.1	ug/kg	0.32
1,2-Dibromo-3-chloro-propane	ND	6.1	ug/kg	0.57
1,2-Dibromoethane	ND	6.1	ug/kg	0.33
1,3-Dichlorobenzene	ND	6.1	ug/kg	1.1
1,4-Dichlorobenzene	ND	6.1	ug/kg	0.83
1,2-Dichlorobenzene	ND	6.1	ug/kg	1.1
Dichlorodifluoromethane	ND	6.1	ug/kg	0.61
1,1-Dichloroethane	ND	6.1	ug/kg	0.35
1,2-Dichloroethane	ND	6.1	ug/kg	0.37
1,1-Dichloroethene	ND	6.1	ug/kg	0.72
cis-1,2-Dichloroethene	ND	6.1	ug/kg	0.91
trans-1,2-Dichloroethene	ND	6.1	ug/kg	0.79
1,2-Dichloropropane	ND	6.1	ug/kg	0.76
cis-1,3-Dichloropropene	ND	6.1	ug/kg	0.35
trans-1,3-Dichloropropene	ND	6.1	ug/kg	0.34
Ethylbenzene	**1.4 J**	**6.1**	**ug/kg**	**1.1**
2-Hexanone	ND	6.1	ug/kg	0.99
Isopropylbenzene	ND	6.1	ug/kg	1.4
Methyl acetate	ND	6.1	ug/kg	3.0
Methylene chloride	~~2.7 J,B~~ U	**6.1**	**ug/kg**	**1.6**
Methylcyclohexane	ND	6.1	ug/kg	0.95
4-Methyl-2-pentanone	ND	6.1	ug/kg	1.0
Methyl tert-butyl ether	ND	6.1	ug/kg	0.50

6.1

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GLP
1-21-07

The RETEC Group, Inc.

Client Sample ID: SB130(37-39)

GC/MS Volatiles

Lot-Sample #...: C6K100374-004 **Work Order #...:** JJG681AK **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Styrene	ND	6.1	ug/kg	0.97
1,1,2,2-Tetrachloroethane	ND	6.1	ug/kg	0.55
1,2,4-Trichloro-benzene	ND	6.1	ug/kg	1.7
Tetrachloroethene	ND	6.1	ug/kg	0.93
1,1,1-Trichloroethane	ND	6.1	ug/kg	0.33
1,1,2-Trichloroethane	ND	6.1	ug/kg	0.82
Trichloroethene	ND	6.1	ug/kg	1.0
Trichlorofluoromethane	ND	6.1	ug/kg	1.5
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	6.1	ug/kg	0.42
Vinyl chloride	ND	6.1	ug/kg	0.80
Xylenes (total)	**4.2 J**	**18**	**ug/kg**	**3.3**
Toluene	**1.2 J**	**6.1**	**ug/kg**	**0.72**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	90	(52 - 124)
Toluene-d8	108	(72 - 127)
4-Bromofluorobenzene	98	(63 - 120)
Dibromofluoromethane	95	(68 - 121)

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.

The RETEC Group, Inc.

Client Sample ID: SB130(37-39)

GC/MS Semivolatiles

Lot-Sample #...: C6K100374-004	**Work Order #...:** JJG681AL	**Matrix.....:** SO	
Date Sampled...: 11/09/06	**Date Received..:** 11/10/06	**MS Run #.....:** 6317004	
Prep Date.....: 11/13/06	**Analysis Date..:** 11/28/06		
Prep Batch #...: 6317012	**Analysis Time..:** 21:30		
Dilution Factor: 1	**Initial Wgt/Vol:** 15 g	**Final Wgt/Vol..:** 0.5 mL	
% Moisture.....: 18	**Analyst ID.....:** 007062	**Instrument ID..:** 732	
	Method.....: SW846 8270C		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	**20 J**	**400**	**ug/kg**	**8.8**
Acenaphthylene	**32 J**	**400**	**ug/kg**	**8.5**
Acetophenone	ND	400	ug/kg	100
Anthracene	**24 J**	**400**	**ug/kg**	**9.3**
Atrazine	ND	400	ug/kg	100
Benzo(a)anthracene	ND	400	ug/kg	8.9
Benzo(a)pyrene	ND	400	ug/kg	6.8
Benzo(b)fluoranthene	ND	400	ug/kg	8.1
Benzo(ghi)perylene	ND	400	ug/kg	7.7
Benzo(k)fluoranthene	ND	400	ug/kg	7.9
Benzaldehyde	ND UJ	400	ug/kg	90
1,1'-Biphenyl	ND	400	ug/kg	100
bis(2-Chloroethoxy) methane	ND	400	ug/kg	9.1
bis(2-Chloroethyl)-ether	ND	400	ug/kg	7.9
bis(2-Ethylhexyl) phthalate	ND	400	ug/kg	25
4-Bromophenyl phenyl ether	ND	400	ug/kg	20
Butyl benzyl phthalate	**16 J**	**400**	**ug/kg**	**9.0**
Caprolactam	ND	400	ug/kg	100
Carbazole	ND	400	ug/kg	9.3
4-Chloroaniline	ND	400	ug/kg	20
4-Chloro-3-methylphenol	ND	400	ug/kg	8.8
2-Chloronaphthalene	ND	400	ug/kg	8.6
2-Chlorophenol	ND	400	ug/kg	6.4
4-Chlorophenyl phenyl ether	ND	400	ug/kg	8.3
Chrysene	ND	400	ug/kg	7.9
Dibenz(a,h)anthracene	ND	400	ug/kg	6.6
Dibenzofuran	ND	400	ug/kg	9.1
3,3'-Dichlorobenzidine	ND	1900	ug/kg	10
2,4-Dichlorophenol	ND	400	ug/kg	7.6
Diethyl phthalate	ND	400	ug/kg	8.2
2,4-Dimethylphenol	ND	400	ug/kg	6.5
Dimethyl phthalate	ND	400	ug/kg	8.5

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1-24-07

The RETEC Group, Inc.

Client Sample ID: SB130(37-39)

GC/MS Semivolatiles

Lot-Sample #...: C6K100374-004 Work Order #...: JJG681AL Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-butyl phthalate	ND	400	ug/kg	49
4,6-Dinitro-2-methylphenol	ND UJ	1900	ug/kg	1000
2,4-Dinitrophenol	ND UJ	1900	ug/kg	1000
2,4-Dinitrotoluene	ND	400	ug/kg	4.2
2,6-Dinitrotoluene	ND	400	ug/kg	5.8
Di-n-octyl phthalate	ND	400	ug/kg	9.3
Fluoranthene	ND	400	ug/kg	8.6
Fluorene	**24 J**	**400**	**ug/kg**	**9.7**
Hexachlorobenzene	ND	400	ug/kg	8.1
Hexachlorobutadiene	ND	400	ug/kg	7.9
Hexachlorocyclopentadiene	ND	1900	ug/kg	32
Hexachloroethane	ND	400	ug/kg	7.8
Indeno(1,2,3-cd)pyrene	ND	400	ug/kg	8.1
Isophorone	ND	400	ug/kg	7.7
2-Methylnaphthalene	**110 J**	**400**	**ug/kg**	**9.9**
2-Methylphenol	ND	400	ug/kg	9.0
4-Methylphenol	ND	400	ug/kg	9.1
Naphthalene	**340 J**	**400**	**ug/kg**	**9.7**
2-Nitroaniline	ND	1900	ug/kg	5.0
3-Nitroaniline	ND	1900	ug/kg	200
4-Nitroaniline	ND	1900	ug/kg	5.7
Nitrobenzene	ND	400	ug/kg	13
2-Nitrophenol	ND	400	ug/kg	7.3
4-Nitrophenol	ND	1900	ug/kg	5.4
N-Nitrosodi-n-propylamine	ND	400	ug/kg	8.2
N-Nitrosodiphenylamine	ND	400	ug/kg	84
2,2'-oxybis(1-Chloropropane)	ND	400	ug/kg	5.9
Pentachlorophenol	ND	1900	ug/kg	560
Phenanthrene	**80 J**	**400**	**ug/kg**	**9.7**
Phenol	ND	400	ug/kg	8.3
Pyrene	ND	400	ug/kg	9.9
2,4,5-Trichlorophenol	ND	400	ug/kg	23
2,4,6-Trichlorophenol	ND	400	ug/kg	6.9

(Continued on next page)

yup 12/07

The RETEC Group, Inc.

Client Sample ID: SB130(37-39)

GC/MS Semivolatiles

Lot-Sample #...: C6K100374-004 **Work Order #...:** JJG681AL **Matrix.....:** SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	62	(21 - 144)
2-Fluorobiphenyl	58	(26 - 128)
2-Fluorophenol	58	(34 - 115)
Nitrobenzene-d5	57	(30 - 118)
Phenol-d5	56	(35 - 117)
Terphenyl-d14	56	(40 - 115)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

The RETEC Group, Inc.

Client Sample ID: SB130(37-39)

TOTAL Metals

Lot-Sample #...: C6K100374-004 Matrix.....: SO
Date Sampled...: 11/09/06 Date Received..: 11/10/06
% Moisture.....: 18

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 6318078						
Silver	ND	0.61	mg/kg	SW846 6010B	11/16-11/17/06	JJG681AM
		Dilution Factor: 1		Analysis Time..: 20:10	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318051	MDL.....: 0.036	
Aluminum	**2360**	**24.3**	**mg/kg**	**SW846 6010B**	**11/16-11/17/06**	**JJG681AN**
		Dilution Factor: 1		Analysis Time..: 20:10	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318051	MDL.....: 0.97	
Arsenic	**1.6**	**1.2**	**mg/kg**	**SW846 6010B**	**11/16-11/17/06**	**JJG681AP**
		Dilution Factor: 1		Analysis Time..: 20:10	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318051	MDL.....: 0.40	
Barium	**12.1 B J**	**24.3**	**mg/kg**	**SW846 6010B**	**11/16-11/17/06**	**JJG681AQ**
		Dilution Factor: 1		Analysis Time..: 20:10	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318051	MDL.....: 0.12	
Beryllium	**0.25 B J**	**0.49**	**mg/kg**	**SW846 6010B**	**11/16-11/17/06**	**JJG681AR**
		Dilution Factor: 1		Analysis Time..: 20:10	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318051	MDL.....: 0.051	
Calcium	**22100**	**608**	**mg/kg**	**SW846 6010B**	**11/16-11/17/06**	**JJG681AT**
		Dilution Factor: 1		Analysis Time..: 20:10	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318051	MDL.....: 4.8	
Cadmium	ND	0.61	mg/kg	SW846 6010B	11/16-11/17/06	JJG681AU
		Dilution Factor: 1		Analysis Time..: 20:10	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318051	MDL.....: 0.085	
Cobalt	**2.4 B J**	**6.1**	**mg/kg**	**SW846 6010B**	**11/16-11/17/06**	**JJG681AV**
		Dilution Factor: 1		Analysis Time..: 20:10	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318051	MDL.....: 0.064	
Chromium	**3.7**	**0.61**	**mg/kg**	**SW846 6010B**	**11/16-11/17/06**	**JJG681AW**
		Dilution Factor: 1		Analysis Time..: 20:10	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318051	MDL.....: 0.11	

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YLP 1-21-07

The RETEC Group, Inc.

Client Sample ID: SB130(37-39)

TOTAL Metals

Lot-Sample #...: C6K100374-004 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Copper	6.0 ~~J~~	3.0	mg/kg	SW846 6010B	11/16-11/17/06	JJG681AX
		Dilution Factor: 1		Analysis Time..: 20:10	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318051	MDL.....: 0.14	
Iron	6110	12.2	mg/kg	SW846 6010B	11/16-11/17/06	JJG681A0
		Dilution Factor: 1		Analysis Time..: 20:10	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318051	MDL.....: 2.2	
Potassium	~~455 B,J~~ 608 U	608	mg/kg	SW846 6010B	11/16-11/17/06	JJG681A1
		Dilution Factor: 1		Analysis Time..: 20:10	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318051	MDL.....: 9.1	
Magnesium	3990	608	mg/kg	SW846 6010B	11/16-11/17/06	JJG681A2
		Dilution Factor: 1		Analysis Time..: 20:10	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318051	MDL.....: 1.2	
Manganese	130	1.8	mg/kg	SW846 6010B	11/16-11/17/06	JJG681A3
		Dilution Factor: 1		Analysis Time..: 20:10	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318051	MDL.....: 0.014	
Sodium	89.7 ~~B~~ J	608	mg/kg	SW846 6010B	11/16-11/17/06	JJG681A4
		Dilution Factor: 1		Analysis Time..: 20:10	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318051	MDL.....: 19.0	
Nickel	5.4	4.9	mg/kg	SW846 6010B	11/16-11/17/06	JJG681A5
		Dilution Factor: 1		Analysis Time..: 20:10	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318051	MDL.....: 0.15	
Lead	2.1	0.36	mg/kg	SW846 6010B	11/16-11/17/06	JJG681A6
		Dilution Factor: 1		Analysis Time..: 20:10	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318051	MDL.....: 0.19	
Selenium	ND	0.61	mg/kg	SW846 6010B	11/16-11/17/06	JJG681AA
		Dilution Factor: 1		Analysis Time..: 20:10	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318051	MDL.....: 0.32	
Thallium	ND	1.2	mg/kg	SW846 6010B	11/16-11/17/06	JJG681AC
		Dilution Factor: 1		Analysis Time..: 20:10	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318051	MDL.....: 0.55	

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Yup
1-21-07

The RETEC Group, Inc.

Client Sample ID: SB130(37-39)

TOTAL Metals

Lot-Sample #...: C6K100374-004 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	ND	1.2	mg/kg	SW846 6010B	11/16-11/17/06	JJG681AD
		Dilution Factor: 1		Analysis Time..: 20:10	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318051	MDL.....: 0.39	
Vanadium	**6.6**	**6.1**	**mg/kg**	**SW846 6010B**	**11/16-11/17/06**	**JJG681AE**
		Dilution Factor: 1		Analysis Time..: 20:10	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318051	MDL.....: 0.13	
Zinc	**16.8 J**	**2.4**	**mg/kg**	**SW846 6010B**	**11/16-11/17/06**	**JJG681AF**
		Dilution Factor: 1		Analysis Time..: 20:10	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318051	MDL.....: 0.21	
Prep Batch #...: 6333107						
Mercury	ND	0.040	mg/kg	SW846 7471A	11/29/06	JJG681AG
		Dilution Factor: 1		Analysis Time..: 15:04	Analyst ID.....: 400491	
		Instrument ID..: HGHYDRA		MS Run #.....: 6333065	MDL.....: 0.0097	

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.

Yap
1-21-07

The RETEC Group, Inc.

Client Sample ID: SB14(15-17.5)

GC/MS Volatiles

Lot-Sample #...:	C6K080197-004	**Work Order #...:**	JH7GE1AK	**Matrix.....:**	SO
Date Sampled...:	11/06/06	**Date Received..:**	11/08/06	**MS Run #.....:**	6318317
Prep Date.....:	11/14/06	**Analysis Date..:**	11/14/06		
Prep Batch #...:	6318469	**Analysis Time..:**	12:46		
Dilution Factor:	10	**Initial Wgt/Vol:**	5 g	**Final Wgt/Vol..:**	5 mL
% Moisture.....:	18	**Analyst ID.....:**	034635	**Instrument ID..:**	HP3
		Method.....:	SW846 8260B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	**4400 J**	**12000**	**ug/kg**	**590**
Benzene	**5400**	**3100**	**ug/kg**	**380**
Bromodichloromethane	ND	3100	ug/kg	300
Bromoform	ND	3100	ug/kg	350
Bromomethane	ND	3100	ug/kg	490
2-Butanone	ND UJ	3100	ug/kg	770
Carbon disulfide	ND	3100	ug/kg	260
Carbon tetrachloride	ND	3100	ug/kg	360
Chlorobenzene	ND	3100	ug/kg	350
Chloroethane	ND	3100	ug/kg	440
Chloroform	ND	3100	ug/kg	330
Chloromethane	ND	3100	ug/kg	350
Cyclohexane	ND	3100	ug/kg	360
Dibromochloromethane	ND	3100	ug/kg	670
1,2-Dibromo-3-chloro-propane	ND	3100	ug/kg	930
1,2-Dibromoethane	ND	3100	ug/kg	360
1,3-Dichlorobenzene	ND	3100	ug/kg	290
1,4-Dichlorobenzene	ND	3100	ug/kg	320
1,2-Dichlorobenzene	ND	3100	ug/kg	310
Dichlorodifluoromethane	ND	3100	ug/kg	470
1,1-Dichloroethane	ND	3100	ug/kg	400
1,2-Dichloroethane	ND	3100	ug/kg	330
1,1-Dichloroethene	ND	3100	ug/kg	360
cis-1,2-Dichloroethene	ND	3100	ug/kg	370
trans-1,2-Dichloroethene	ND	3100	ug/kg	380
1,2-Dichloropropane	ND	3100	ug/kg	390
cis-1,3-Dichloropropene	ND	3100	ug/kg	270
trans-1,3-Dichloropropene	ND	3100	ug/kg	190
Ethylbenzene	**63000**	**3100**	**ug/kg**	**400**
2-Hexanone	ND	3100	ug/kg	960
Isopropylbenzene	**6400**	**3100**	**ug/kg**	**330**
Methyl acetate	ND	3100	ug/kg	330
Methylene chloride	ND UJ	3100	ug/kg	410
Methylcyclohexane	ND	3100	ug/kg	360
4-Methyl-2-pentanone	ND	3100	ug/kg	320
Methyl tert-butyl ether	ND	3100	ug/kg	310

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yep
1-21-07

The RETEC Group, Inc.

Client Sample ID: SB14(15-17.5)

GC/MS Volatiles

Lot-Sample #...: C6K080197-004 **Work Order #...:** JH7GE1AK **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Styrene	ND	3100	ug/kg	300
1,1,2,2-Tetrachloroethane	ND	3100	ug/kg	390
1,2,4-Trichloro-benzene	ND	3100	ug/kg	420
Tetrachloroethene	ND	3100	ug/kg	330
1,1,1-Trichloroethane	ND	3100	ug/kg	250
1,1,2-Trichloroethane	ND	3100	ug/kg	380
Trichloroethene	ND	3100	ug/kg	340
Trichlorofluoromethane	ND UJ	3100	ug/kg	990
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	3100	ug/kg	450
Vinyl chloride	ND	3100	ug/kg	410
Xylenes (total)	**99000**	**9200**	**ug/kg**	**970**
Toluene	**35000**	**3100**	**ug/kg**	**320**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	NC,DIL	(52 - 124)
Toluene-d8	NC,DIL	(72 - 127)
4-Bromofluorobenzene	NC,DIL	(63 - 120)
Dibromofluoromethane	NC,DIL	(68 - 121)

NOTE(S):

NC The recovery and/or RPD were not calculated.

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.

yup
1-21-07

The RETEC Group, Inc.

Client Sample ID: SB14(15-17.5)

GC/MS Semivolatiles

Lot-Sample #...:	C6K080197-004	Work Order #...:	JH7GE1AL	Matrix.....:	SO
Date Sampled...:	11/06/06	Date Received..:	11/08/06	MS Run #.....:	6313010
Prep Date.....:	11/09/06	Analysis Date..:	11/15/06		
Prep Batch #...:	6313022	Analysis Time..:	16:42		
Dilution Factor:	20	Initial Wgt/Vol:	15 g	Final Wgt/Vol..:	0.5 mL
% Moisture.....:	18	Analyst ID.....:	007062	Instrument ID..:	732
		Method.....:	SW846 8270C		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
✓ **Acenaphthene**	130000 ~~E~~ J	8100	ug/kg	180
✓ **Acenaphthylene** 83000J	84000 ~~E~~	8100	ug/kg	170
Acetophenone	ND	8100	ug/kg	2000
✓ **Anthracene** 100000	~~99000 E~~	8100	ug/kg	190
Atrazine	ND	8100	ug/kg	2000
Benzo(a)anthracene	60000	8100	ug/kg	180
Benzo(a)pyrene	43000	8100	ug/kg	140
Benzo(b)fluoranthene	27000	8100	ug/kg	160
Benzo(ghi)perylene	23000	8100	ug/kg	150
Benzo(k)fluoranthene	10000	8100	ug/kg	160
Benzaldehyde	ND	8100	ug/kg	1800
1,1'-Biphenyl	36000	8100	ug/kg	2000
bis(2-Chloroethoxy) methane	ND	8100	ug/kg	180
bis(2-Chloroethyl)-ether	ND	8100	ug/kg	160
bis(2-Ethylhexyl) phthalate	ND	8100	ug/kg	510
4-Bromophenyl phenyl ether	ND	8100	ug/kg	410
Butyl benzyl phthalate	ND	8100	ug/kg	180
Caprolactam	ND	8100	ug/kg	2000
Carbazole	1800 J	8100	ug/kg	190
4-Chloroaniline	ND	8100	ug/kg	410
4-Chloro-3-methylphenol	ND	8100	ug/kg	180
2-Chloronaphthalene	ND	8100	ug/kg	170
2-Chlorophenol	ND	8100	ug/kg	130
4-Chlorophenyl phenyl ether	ND	8100	ug/kg	170
Chrysene	51000	8100	ug/kg	160
Dibenz(a,h)anthracene	6100 J	8100	ug/kg	130
Dibenzofuran	ND	8100	ug/kg	180
3,3'-Dichlorobenzidine	ND	39000	ug/kg	200
2,4-Dichlorophenol	ND	8100	ug/kg	150
Diethyl phthalate	ND	8100	ug/kg	160
2,4-Dimethylphenol	ND	8100	ug/kg	130
Dimethyl phthalate	ND	8100	ug/kg	170

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Yup
1-20-07

The RETEC Group, Inc.

Client Sample ID: SB14(15-17.5)

GC/MS Semivolatiles

Lot-Sample #...: C6K080197-004 Work Order #...: JH7GE1AL Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-butyl phthalate	ND	8100	ug/kg	990
4,6-Dinitro-2-methylphenol	ND	39000	ug/kg	20000
2,4-Dinitrophenol	ND	39000	ug/kg	20000
2,4-Dinitrotoluene	ND	8100	ug/kg	85
2,6-Dinitrotoluene	ND	8100	ug/kg	120
Di-n-octyl phthalate	ND	8100	ug/kg	190
✓ **Fluoranthene** 100000 J ~~110000 E~~		**8100**	**ug/kg**	**170**
✓ **Fluorene** 88000 J ~~87000 E~~		**8100**	**ug/kg**	**190**
Hexachlorobenzene	ND	8100	ug/kg	160
Hexachlorobutadiene	ND	8100	ug/kg	160
Hexachlorocyclopentadiene	ND	39000	ug/kg	650
Hexachloroethane	ND	8100	ug/kg	160
Indeno(1,2,3-cd)pyrene	21000 J	**8100**	**ug/kg**	**160**
Isophorone	ND	8100	ug/kg	160
✓ **2-Methylnaphthalene** 460000 ~~500000 E~~		**8100**	**ug/kg**	**200**
2-Methylphenol	ND	8100	ug/kg	180
4-Methylphenol	ND	8100	ug/kg	180
✓ **Naphthalene** 150000 ~~1200000 E~~		**8100**	**ug/kg**	**190**
2-Nitroaniline	ND	39000	ug/kg	100
3-Nitroaniline	ND	39000	ug/kg	4100
4-Nitroaniline	ND	39000	ug/kg	110
Nitrobenzene	ND	8100	ug/kg	260
2-Nitrophenol	ND	8100	ug/kg	150
4-Nitrophenol	ND	39000	ug/kg	110
N-Nitrosodi-n-propylamine	ND	8100	ug/kg	170
N-Nitrosodiphenylamine	ND	8100	ug/kg	1700
2,2'-oxybis(1-Chloropropane)	ND	8100	ug/kg	120
Pentachlorophenol	ND	39000	ug/kg	11000
✓ **Phenanthrene** 32000 ~~350000 E~~		**8100**	**ug/kg**	**190**
Phenol	ND	8100	ug/kg	170
✓ **Pyrene** 170000 J ~~150000 E~~		**8100**	**ug/kg**	**200**
2,4,5-Trichlorophenol	ND	8100	ug/kg	460
2,4,6-Trichlorophenol	ND	8100	ug/kg	140

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YCP
1-20-07
1-21-07

The RETEC Group, Inc.

Client Sample ID: SB14(15-17.5)

GC/MS Semivolatiles

Lot-Sample #...: C6K080197-004 Work Order #...: JH7GE1AL Matrix.....: SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	NC,DIL	(21 - 144)
2-Fluorobiphenyl	NC,DIL	(26 - 128)
2-Fluorophenol	NC,DIL	(34 - 115)
Nitrobenzene-d5	NC,DIL	(30 - 118)
Phenol-d5	NC,DIL	(35 - 117)
Terphenyl-d14	NC,DIL	(40 - 115)

NOTE(S):

NC The recovery and/or RPD were not calculated.

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.

E Estimated result. Result concentration exceeds the calibration range.

J Estimated result. Result is less than RL.

The RETEC Group, Inc.

Client Sample ID: SB14(15-17.5) DL

GC/MS Semivolatiles

Lot-Sample #...: C6K080197-004	Work Order #...: JH7GE2AL	Matrix.....: SO	
Date Sampled...: 11/06/06	Date Received..: 11/08/06	MS Run #.....: 6313010	
Prep Date.....: 11/09/06	Analysis Date..: 11/16/06		
Prep Batch #...: 6313022	Analysis Time..: 14:28		
Dilution Factor: 500	Initial Wgt/Vol: 15 g	Final Wgt/Vol..: 0.5 mL	
% Moisture.....: 18	Analyst ID.....: 007062	Instrument ID..: 732	
	Method.....: SW846 8270C		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	**130000 J**	**200000**	**ug/kg**	**4400**
Acenaphthylene	**83000 J**	**200000**	**ug/kg**	**4300**
Acetophenone	ND	200000	ug/kg	51000
Anthracene	**100000 J**	**200000**	**ug/kg**	**4700**
Atrazine	ND	200000	ug/kg	51000
Benzo(a)anthracene	**66000 J**	**200000**	**ug/kg**	**4500**
Benzo(a)pyrene	**45000 J**	**200000**	**ug/kg**	**3400**
Benzo(b)fluoranthene	**31000 J**	**200000**	**ug/kg**	**4100**
Benzo(ghi)perylene	**21000 J**	**200000**	**ug/kg**	**3900**
Benzo(k)fluoranthene	**11000 J**	**200000**	**ug/kg**	**4000**
Benzaldehyde	ND	200000	ug/kg	45000
1,1'-Biphenyl	ND	200000	ug/kg	51000
bis(2-Chloroethoxy) methane	ND	200000	ug/kg	4600
bis(2-Chloroethyl)-ether	ND	200000	ug/kg	4000
bis(2-Ethylhexyl) phthalate	ND	200000	ug/kg	13000
4-Bromophenyl phenyl ether	ND	200000	ug/kg	10000
Butyl benzyl phthalate	ND	200000	ug/kg	4500
Caprolactam	ND	200000	ug/kg	51000
Carbazole	ND	200000	ug/kg	4700
4-Chloroaniline	ND	200000	ug/kg	10000
4-Chloro-3-methylphenol	ND	200000	ug/kg	4400
2-Chloronaphthalene	ND	200000	ug/kg	4300
2-Chlorophenol	ND	200000	ug/kg	3200
4-Chlorophenyl phenyl ether	ND	200000	ug/kg	4200
Chrysene	**54000 J**	**200000**	**ug/kg**	**4000**
Dibenz(a,h)anthracene	ND	200000	ug/kg	3300
Dibenzofuran	**8200 J**	**200000**	**ug/kg**	**4600**
3,3'-Dichlorobenzidine	ND	980000	ug/kg	5000
2,4-Dichlorophenol	ND	200000	ug/kg	3800
Diethyl phthalate	ND	200000	ug/kg	4100
2,4-Dimethylphenol	ND	200000	ug/kg	3300
Dimethyl phthalate	ND	200000	ug/kg	4300

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yap 1-20-07

The RETEC Group, Inc.

Client Sample ID: SB14(15-17.5) DL

GC/MS Semivolatiles

Lot-Sample #...: C6K080197-004 Work Order #...: JH7GE2AL Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-butyl phthalate	ND	200000	ug/kg	25000
4,6-Dinitro-2-methylphenol	ND	980000	ug/kg	510000
2,4-Dinitrophenol	ND	980000	ug/kg	510000
2,4-Dinitrotoluene	ND	200000	ug/kg	2100
2,6-Dinitrotoluene	ND	200000	ug/kg	2900
Di-n-octyl phthalate	ND	200000	ug/kg	4700
Fluoranthene	**100000 J**	**200000**	**ug/kg**	**4300**
Fluorene	**88000 J**	**200000**	**ug/kg**	**4900**
Hexachlorobenzene	ND	200000	ug/kg	4100
Hexachlorobutadiene	ND	200000	ug/kg	4000
Hexachlorocyclopentadiene	ND	980000	ug/kg	16000
Hexachloroethane	ND	200000	ug/kg	3900
Indeno(1,2,3-cd)pyrene	**21000 J**	**200000**	**ug/kg**	**4100**
Isophorone	ND	200000	ug/kg	3900
2-Methylnaphthalene	**460000**	**200000**	**ug/kg**	**5000**
2-Methylphenol	ND	200000	ug/kg	4500
4-Methylphenol	ND	200000	ug/kg	4600
Naphthalene	**1500000**	**200000**	**ug/kg**	**4900**
2-Nitroaniline	ND	980000	ug/kg	2500
3-Nitroaniline	ND	980000	ug/kg	100000
4-Nitroaniline	ND	980000	ug/kg	2800
Nitrobenzene	ND	200000	ug/kg	6600
2-Nitrophenol	ND	200000	ug/kg	3700
4-Nitrophenol	ND	980000	ug/kg	2700
N-Nitrosodi-n-propylamine	ND	200000	ug/kg	4100
N-Nitrosodiphenylamine	ND	200000	ug/kg	42000
2,2'-oxybis(1-Chloropropane)	ND	200000	ug/kg	3000
Pentachlorophenol	ND	980000	ug/kg	280000
Phenanthrene	**320000**	**200000**	**ug/kg**	**4900**
Phenol	ND	200000	ug/kg	4200
Pyrene	**170000 J**	**200000**	**ug/kg**	**5000**
2,4,5-Trichlorophenol	ND	200000	ug/kg	12000
2,4,6-Trichlorophenol	ND	200000	ug/kg	3500

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Yap
1-20-07

The RETEC Group, Inc.

Client Sample ID: SB14(15-17.5) DL

GC/MS Semivolatiles

Lot-Sample #...: C6K080197-004 Work Order #...: JH7GE2AL Matrix.....: SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	NC,DIL	(21 - 144)
2-Fluorobiphenyl	NC,DIL	(26 - 128)
2-Fluorophenol	NC,DIL	(34 - 115)
Nitrobenzene-d5	NC,DIL	(30 - 118)
Phenol-d5	NC,DIL	(35 - 117)
Terphenyl-d14	NC,DIL	(40 - 115)

NOTE(S):

NC The recovery and/or RPD were not calculated.

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.

Results were transposed over original, 20-fold, results for analytes that exceeded the cal range in the original analysis.

JHP
1-20-07

The RETEC Group, Inc.

Client Sample ID: SB14(15-17.5)

TOTAL Metals

Lot-Sample #...: C6K080197-004 Matrix.....: SO
Date Sampled...: 11/06/06 Date Received..: 11/08/06
% Moisture.....: 18

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 6318071						
Silver	ND	0.61	mg/kg	SW846 6010B	11/16-11/17/06	JH7GE1AM
		Dilution Factor: 1		Analysis Time..: 15:00	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.036	
Aluminum	4090 J	24.5	mg/kg	SW846 6010B	11/16-11/17/06	JH7GE1AN
		Dilution Factor: 1		Analysis Time..: 15:00	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.98	
Arsenic	3.0	1.2	mg/kg	SW846 6010B	11/16-11/17/06	JH7GE1AP
		Dilution Factor: 1		Analysis Time..: 15:00	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.40	
Barium	29.3	24.5	mg/kg	SW846 6010B	11/16-11/17/06	JH7GE1AQ
		Dilution Factor: 1		Analysis Time..: 15:00	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.12	
Beryllium	0.42 B J	0.49	mg/kg	SW846 6010B	11/16-11/17/06	JH7GE1AR
		Dilution Factor: 1		Analysis Time..: 15:00	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.051	
Calcium	5400	612	mg/kg	SW846 6010B	11/16-11/17/06	JH7GE1AT
		Dilution Factor: 1		Analysis Time..: 15:00	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 4.8	
Cadmium	ND	0.61	mg/kg	SW846 6010B	11/16-11/17/06	JH7GE1AU
		Dilution Factor: 1		Analysis Time..: 15:00	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.085	
Cobalt	4.7 B J	6.1	mg/kg	SW846 6010B	11/16-11/17/06	JH7GE1AV
		Dilution Factor: 1		Analysis Time..: 15:00	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.065	
Chromium	5.8	0.61	mg/kg	SW846 6010B	11/16-11/17/06	JH7GE1AW
		Dilution Factor: 1		Analysis Time..: 15:00	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.11	

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YAP
1-21-07

The RETEC Group, Inc.

Client Sample ID: SB14(15-17.5)

TOTAL Metals

Lot-Sample #...: C6K080197-004 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Copper	9.9 J	3.1	mg/kg	SW846 6010B	11/16-11/17/06	JH7GE1AX
		Dilution Factor: 1		Analysis Time..: 15:00	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.14	
Iron	10400	12.2	mg/kg	SW846 6010B	11/16-11/17/06	JH7GE1A0
		Dilution Factor: 1		Analysis Time..: 15:00	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 2.2	
Potassium	825 J	612	mg/kg	SW846 6010B	11/16-11/17/06	JH7GE1A1
		Dilution Factor: 1		Analysis Time..: 15:00	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 9.2	
Magnesium	2090	612	mg/kg	SW846 6010B	11/16-11/17/06	JH7GE1A2
		Dilution Factor: 1		Analysis Time..: 15:00	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 1.3	
Manganese	279	1.8	mg/kg	SW846 6010B	11/16-11/17/06	JH7GE1A3
		Dilution Factor: 1		Analysis Time..: 15:00	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.014	
Sodium	92.3 B J	612	mg/kg	SW846 6010B	11/16-11/17/06	JH7GE1A4
		Dilution Factor: 1		Analysis Time..: 15:00	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 19.2	
Nickel	9.7	4.9	mg/kg	SW846 6010B	11/16-11/17/06	JH7GE1A5
		Dilution Factor: 1		Analysis Time..: 15:00	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.15	
Lead	3.6	0.37	mg/kg	SW846 6010B	11/16-11/17/06	JH7GE1A6
		Dilution Factor: 1		Analysis Time..: 15:00	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.19	
Selenium	0.59 B J	0.61	mg/kg	SW846 6010B	11/16-11/17/06	JH7GE1AA
		Dilution Factor: 1		Analysis Time..: 15:00	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.32	
Thallium	ND	1.2	mg/kg	SW846 6010B	11/16-11/17/06	JH7GE1AC
		Dilution Factor: 1		Analysis Time..: 15:00	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.56	

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Yup
1-21-07

The RETEC Group, Inc.

Client Sample ID: SB14(15-17.5)

TOTAL Metals

Lot-Sample #...: C6K080197-004 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	ND	1.2	mg/kg	SW846 6010B	11/16-11/17/06	JH7GE1AD
		Dilution Factor: 1		Analysis Time..: 15:00	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.39	
Vanadium	12.0	6.1	mg/kg	SW846 6010B	11/16-11/17/06	JH7GE1AE
		Dilution Factor: 1		Analysis Time..: 15:00	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.13	
Zinc	28.0 J	2.4	mg/kg	SW846 6010B	11/16-11/17/06	JH7GE1AF
		Dilution Factor: 1		Analysis Time..: 15:00	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.21	
Prep Batch #...: 6325037						
Mercury	0.012 B J	0.040	mg/kg	SW846 7471A	11/21/06	JH7GE1AG
		Dilution Factor: 1		Analysis Time..: 10:20	Analyst ID.....: 031043	
		Instrument ID..: HGHYDRA		MS Run #.....: 6325025	MDL.....: 0.0098	

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.

GAP
1-21-07

The RETEC Group, Inc.

Client Sample ID: SB14(38-40)

GC/MS Volatiles

Lot-Sample #...:	C6K080197-003	**Work Order #...:**	JH7F81AK	**Matrix.....:**	SO
Date Sampled...:	11/06/06	**Date Received..:**	11/08/06	**MS Run #.....:**	6316021
Prep Date.....:	11/12/06	**Analysis Date..:**	11/13/06		
Prep Batch #...:	6316062	**Analysis Time..:**	03:10		
Dilution Factor:	1	**Initial Wgt/Vol:**	5 g	**Final Wgt/Vol..:**	5 mL
% Moisture.....:	15	**Analyst ID.....:**	010099	**Instrument ID..:**	HP3
		Method.....:	SW846 8260B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	24	ug/kg	5.9
Benzene	ND	5.9	ug/kg	0.64
Bromodichloromethane	ND	5.9	ug/kg	0.29
Bromoform	ND	5.9	ug/kg	0.72
Bromomethane	ND	5.9	ug/kg	1.1
2-Butanone	ND	5.9	ug/kg	1.6
Carbon disulfide	ND	5.9	ug/kg	0.42
Carbon tetrachloride	ND	5.9	ug/kg	0.29
Chlorobenzene	ND	5.9	ug/kg	1.0
Chloroethane	ND	5.9	ug/kg	1.1
Chloroform	ND	5.9	ug/kg	0.29
Chloromethane	ND	5.9	ug/kg	0.34
Cyclohexane	ND	5.9	ug/kg	0.44
Dibromochloromethane	ND	5.9	ug/kg	0.31
1,2-Dibromo-3-chloro-propane	ND	5.9	ug/kg	0.55
1,2-Dibromoethane	ND	5.9	ug/kg	0.32
1,3-Dichlorobenzene	ND	5.9	ug/kg	1.1
1,4-Dichlorobenzene	ND	5.9	ug/kg	0.80
1,2-Dichlorobenzene	ND	5.9	ug/kg	1.1
Dichlorodifluoromethane	ND	5.9	ug/kg	0.59
1,1-Dichloroethane	ND	5.9	ug/kg	0.34
1,2-Dichloroethane	ND	5.9	ug/kg	0.36
1,1-Dichloroethene	ND	5.9	ug/kg	0.69
cis-1,2-Dichloroethene	ND	5.9	ug/kg	0.88
trans-1,2-Dichloroethene	ND	5.9	ug/kg	0.77
1,2-Dichloropropane	ND	5.9	ug/kg	0.74
cis-1,3-Dichloropropene	ND	5.9	ug/kg	0.34
trans-1,3-Dichloropropene	ND	5.9	ug/kg	0.32
Ethylbenzene	**16**	**5.9**	**ug/kg**	**1.1**
2-Hexanone	ND	5.9	ug/kg	0.96
Isopropylbenzene	**2.2 J**	**5.9**	**ug/kg**	**1.3**
Methyl acetate	ND	5.9	ug/kg	2.9
Methylene chloride	~~3.5 J,B~~	**5.9**	**ug/kg**	**1.6**
Methylcyclohexane	ND	5.9	ug/kg	0.92
4-Methyl-2-pentanone	ND	5.9	ug/kg	0.99
Methyl tert-butyl ether	ND	5.9	ug/kg	0.48

5.9 U

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GJP
1-21-07

The RETEC Group, Inc.

Client Sample ID: SB14(38-40)

GC/MS Volatiles

Lot-Sample #...: C6K080197-003 Work Order #...: JH7F81AK Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Styrene	ND	5.9	ug/kg	0.94
1,1,2,2-Tetrachloroethane	ND	5.9	ug/kg	0.53
1,2,4-Trichloro-benzene	ND	5.9	ug/kg	1.6
Tetrachloroethene	ND	5.9	ug/kg	0.90
1,1,1-Trichloroethane	ND	5.9	ug/kg	0.32
1,1,2-Trichloroethane	ND	5.9	ug/kg	0.80
Trichloroethene	ND	5.9	ug/kg	1.0
Trichlorofluoromethane	ND	5.9	ug/kg	1.4
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	5.9	ug/kg	0.41
Vinyl chloride	ND	5.9	ug/kg	0.77
Xylenes (total)	**27**	**18**	**ug/kg**	**3.2**
Toluene	**7.1**	**5.9**	**ug/kg**	**0.69**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	88	(52 - 124)
Toluene-d8	114	(72 - 127)
4-Bromofluorobenzene	103	(63 - 120)
Dibromofluoromethane	101	(68 - 121)

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.

The RETEC Group, Inc.

Client Sample ID: SB14(38-40)

GC/MS Semivolatiles

Lot-Sample #...: C6K080197-003	Work Order #...: JH7F81AL	Matrix.....:	SO
Date Sampled...: 11/06/06	Date Received..: 11/08/06	MS Run #.....:	6313010
Prep Date.....: 11/09/06	Analysis Date..: 11/15/06		
Prep Batch #...: 6313022	Analysis Time..: 16:14		
Dilution Factor: 1	Initial Wgt/Vol: 15 g	Final Wgt/Vol..:	0.5 mL
% Moisture.....: 15	Analyst ID.....: 007062	Instrument ID..:	732
	Method.....: SW846 8270C		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	**180 J**	**390**	**ug/kg**	**8.5**
Acenaphthylene	**79 J**	**390**	**ug/kg**	**8.2**
Acetophenone	ND	390	ug/kg	98
Anthracene	**140 J**	**390**	**ug/kg**	**9.0**
Atrazine	ND	390	ug/kg	98
Benzo(a)anthracene	**99 J**	**390**	**ug/kg**	**8.6**
Benzo(a)pyrene	**69 J**	**390**	**ug/kg**	**6.6**
Benzo(b)fluoranthene	**44 J**	**390**	**ug/kg**	**7.8**
Benzo(ghi)perylene	**40 J**	**390**	**ug/kg**	**7.4**
Benzo(k)fluoranthene	**18 J**	**390**	**ug/kg**	**7.7**
Benzaldehyde	ND	390	ug/kg	87
1,1'-Biphenyl	ND	390	ug/kg	98
bis(2-Chloroethoxy) methane	ND	390	ug/kg	8.8
bis(2-Chloroethyl)-ether	ND	390	ug/kg	7.6
bis(2-Ethylhexyl) phthalate	ND	390	ug/kg	24
4-Bromophenyl phenyl ether	ND	390	ug/kg	20
Butyl benzyl phthalate	ND	390	ug/kg	8.7
Caprolactam	ND	390	ug/kg	98
Carbazole	ND	390	ug/kg	9.0
4-Chloroaniline	ND	390	ug/kg	20
4-Chloro-3-methylphenol	ND	390	ug/kg	8.5
2-Chloronaphthalene	ND	390	ug/kg	8.3
2-Chlorophenol	ND	390	ug/kg	6.2
4-Chlorophenyl phenyl ether	ND	390	ug/kg	8.0
Chrysene	**90 J**	**390**	**ug/kg**	**7.7**
Dibenz(a,h)anthracene	ND UJ	390	ug/kg	6.4
Dibenzofuran	ND	390	ug/kg	8.8
3,3'-Dichlorobenzidine	ND	1900	ug/kg	9.7
2,4-Dichlorophenol	ND	390	ug/kg	7.4
Diethyl phthalate	ND	390	ug/kg	7.9
2,4-Dimethylphenol	ND	390	ug/kg	6.3
Dimethyl phthalate	ND	390	ug/kg	8.2

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Yup 1-21-07

The RETEC Group, Inc.

Client Sample ID: SB14(38-40)

GC/MS Semivolatiles

Lot-Sample #...: C6K080197-003 Work Order #...: JH7F81AL Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-butyl phthalate	ND	390	ug/kg	48
4,6-Dinitro-2-methylphenol	ND	1900	ug/kg	980
2,4-Dinitrophenol	ND	1900	ug/kg	980
2,4-Dinitrotoluene	ND	390	ug/kg	4.1
2,6-Dinitrotoluene	ND	390	ug/kg	5.6
Di-n-octyl phthalate	ND	390	ug/kg	9.0
Fluoranthene	**160 J**	**390**	**ug/kg**	**8.3**
Fluorene	**120 J**	**390**	**ug/kg**	**9.3**
Hexachlorobenzene	ND	390	ug/kg	7.9
Hexachlorobutadiene	ND	390	ug/kg	7.7
Hexachlorocyclopentadiene	ND	1900	ug/kg	31
Hexachloroethane	ND	390	ug/kg	7.5
Indeno(1,2,3-cd)pyrene	**36 J**	**390**	**ug/kg**	**7.8**
Isophorone	ND	390	ug/kg	7.5
2-Methylnaphthalene	**360 J**	**390**	**ug/kg**	**9.6**
2-Methylphenol	ND	390	ug/kg	8.7
4-Methylphenol	ND	390	ug/kg	8.8
Naphthalene	**720**	**390**	**ug/kg**	**9.3**
2-Nitroaniline	ND	1900	ug/kg	4.9
3-Nitroaniline	ND	1900	ug/kg	200
4-Nitroaniline	ND	1900	ug/kg	5.5
Nitrobenzene	ND	390	ug/kg	13
2-Nitrophenol	ND	390	ug/kg	7.0
4-Nitrophenol	ND	1900	ug/kg	5.3
N-Nitrosodi-n-propylamine	ND	390	ug/kg	7.9
N-Nitrosodiphenylamine	ND	390	ug/kg	81
2,2'-oxybis(1-Chloropropane)	ND	390	ug/kg	5.7
Pentachlorophenol	ND	1900	ug/kg	540
Phenanthrene	**440**	**390**	**ug/kg**	**9.4**
Phenol	ND	390	ug/kg	8.1
Pyrene	**220 J**	**390**	**ug/kg**	**9.6**
2,4,5-Trichlorophenol	ND	390	ug/kg	22
2,4,6-Trichlorophenol	ND	390	ug/kg	6.7

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The RETEC Group, Inc.

Client Sample ID: SB14(38-40)

GC/MS Semivolatiles

Lot-Sample #...: C6K080197-003 Work Order #...: JH7F81AL Matrix.....: SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	99	(21 - 144)
2-Fluorobiphenyl	88	(26 - 128)
2-Fluorophenol	91	(34 - 115)
Nitrobenzene-d5	79	(30 - 118)
Phenol-d5	87	(35 - 117)
Terphenyl-d14	92	(40 - 115)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

The RETEC Group, Inc.

Client Sample ID: SB14(38-40)

TOTAL Metals

Lot-Sample #...: C6K080197-003 Matrix.....: SO
Date Sampled...: 11/06/06 Date Received..: 11/08/06
% Moisture.....: 15

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 6318071						
Silver	ND	0.59	mg/kg	SW846 6010B	11/16-11/17/06	JH7F81AM
		Dilution Factor: 1		Analysis Time..: 14:43	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.035	
Aluminum	2270 ~~B~~	23.5	mg/kg	SW846 6010B	11/16-11/17/06	JH7F81AN
		Dilution Factor: 1		Analysis Time..: 14:43	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.94	
Arsenic	4.1	1.2	mg/kg	SW846 6010B	11/16-11/17/06	JH7F81AP
		Dilution Factor: 1		Analysis Time..: 14:43	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.39	
Barium	16.0 ~~B~~ J	23.5	mg/kg	SW846 6010B	11/16-11/17/06	JH7F81AQ
		Dilution Factor: 1		Analysis Time..: 14:43	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.12	
Beryllium	0.23 ~~B~~ J	0.47	mg/kg	SW846 6010B	11/16-11/17/06	JH7F81AR
		Dilution Factor: 1		Analysis Time..: 14:43	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.049	
Calcium	37800	588	mg/kg	SW846 6010B	11/16-11/17/06	JH7F81AT
		Dilution Factor: 1		Analysis Time..: 14:43	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 4.6	
Cadmium	ND	0.59	mg/kg	SW846 6010B	11/16-11/17/06	JH7F81AU
		Dilution Factor: 1		Analysis Time..: 14:43	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.082	
Cobalt	2.1 ~~B~~ J	5.9	mg/kg	SW846 6010B	11/16-11/17/06	JH7F81AV
		Dilution Factor: 1		Analysis Time..: 14:43	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.062	
Chromium	4.9	0.59	mg/kg	SW846 6010B	11/16-11/17/06	JH7F81AW
		Dilution Factor: 1		Analysis Time..: 14:43	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.11	

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1-21-07

The RETEC Group, Inc.

Client Sample ID: SB14(38-40)

TOTAL Metals

Lot-Sample #...: C6K080197-003 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Copper	**8.5 J**	**2.9**	**mg/kg**	**SW846 6010B**	**11/16-11/17/06**	**JH7F81AX**
		Dilution Factor: 1		Analysis Time..: 14:43	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.14	
Iron	**6420**	**11.8**	**mg/kg**	**SW846 6010B**	**11/16-11/17/06**	**JH7F81A0**
		Dilution Factor: 1		Analysis Time..: 14:43	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 2.1	
Potassium	~~393 B,J~~ 588 U	**588**	**mg/kg**	**SW846 6010B**	**11/16-11/17/06**	**JH7F81A1**
		Dilution Factor: 1		Analysis Time..: 14:43	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 8.8	
Magnesium	**3480**	**588**	**mg/kg**	**SW846 6010B**	**11/16-11/17/06**	**JH7F81A2**
		Dilution Factor: 1		Analysis Time..: 14:43	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 1.2	
Manganese	**159**	**1.8**	**mg/kg**	**SW846 6010B**	**11/16-11/17/06**	**JH7F81A3**
		Dilution Factor: 1		Analysis Time..: 14:43	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.013	
Sodium	**91.4 ~~B~~ J**	**588**	**mg/kg**	**SW846 6010B**	**11/16-11/17/06**	**JH7F81A4**
		Dilution Factor: 1		Analysis Time..: 14:43	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 18.4	
Nickel	**5.5**	**4.7**	**mg/kg**	**SW846 6010B**	**11/16-11/17/06**	**JH7F81A5**
		Dilution Factor: 1		Analysis Time..: 14:43	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.15	
Lead	**2.2**	**0.35**	**mg/kg**	**SW846 6010B**	**11/16-11/17/06**	**JH7F81A6**
		Dilution Factor: 1		Analysis Time..: 14:43	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.19	
Selenium	ND	0.59	mg/kg	SW846 6010B	11/16-11/17/06	JH7F81AA
		Dilution Factor: 1		Analysis Time..: 14:43	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.31	
Thallium	ND	1.2	mg/kg	SW846 6010B	11/16-11/17/06	JH7F81AC
		Dilution Factor: 1		Analysis Time..: 14:43	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.54	

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1-21-07

The RETEC Group, Inc.

Client Sample ID: SB14(38-40)

TOTAL Metals

Lot-Sample #...: C6K080197-003 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	ND	1.2	mg/kg	SW846 6010B	11/16-11/17/06	JH7F81AD
		Dilution Factor: 1		Analysis Time..: 14:43	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.38	
Vanadium	5.2 B J	5.9	mg/kg	SW846 6010B	11/16-11/17/06	JH7F81AE
		Dilution Factor: 1		Analysis Time..: 14:43	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.12	
Zinc	28.2 J	2.4	mg/kg	SW846 6010B	11/16-11/17/06	JH7F81AF
		Dilution Factor: 1		Analysis Time..: 14:43	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.20	
Prep Batch #...: 6325037						
Mercury	ND	0.039	mg/kg	SW846 7471A	11/21/06	JH7F81AG
		Dilution Factor: 1		Analysis Time..: 10:19	Analyst ID.....: 031043	
		Instrument ID..: HGHYDRA		MS Run #.....: 6325025	MDL.....: 0.0094	

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.

Yup
1-21-07

The RETEC Group, Inc.

Client Sample ID: SB15(34-35)

GC/MS Volatiles

Lot-Sample #...: C6K060148-006	**Work Order #...:** JH2Q51AK	**Matrix.....:** SO
Date Sampled...: 11/03/06	**Date Received..:** 11/06/06	**MS Run #.....:** 6316021
Prep Date.....: 11/12/06	**Analysis Date..:** 11/13/06	
Prep Batch #...: 6316062	**Analysis Time..:** 05:10	
Dilution Factor: 1	**Initial Wgt/Vol:** 5 g	**Final Wgt/Vol..:** 5 mL
% Moisture.....: 14	**Analyst ID.....:** 010099	**Instrument ID..:** HP3
	Method.....: SW846 8260B	

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	23	ug/kg	5.8
Benzene	ND	5.8	ug/kg	0.63
Bromodichloromethane	ND	5.8	ug/kg	0.29
Bromoform	ND	5.8	ug/kg	0.71
Bromomethane	ND	5.8	ug/kg	1.1
2-Butanone	ND	5.8	ug/kg	1.6
Carbon disulfide	ND	5.8	ug/kg	0.42
Carbon tetrachloride	ND	5.8	ug/kg	0.29
Chlorobenzene	ND	5.8	ug/kg	0.99
Chloroethane	ND	5.8	ug/kg	1.1
Chloroform	ND	5.8	ug/kg	0.29
Chloromethane	ND	5.8	ug/kg	0.33
Cyclohexane	ND	5.8	ug/kg	0.44
Dibromochloromethane	ND	5.8	ug/kg	0.30
1,2-Dibromo-3-chloro-propane	ND	5.8	ug/kg	0.54
1,2-Dibromoethane	ND	5.8	ug/kg	0.31
1,3-Dichlorobenzene	ND	5.8	ug/kg	1.1
1,4-Dichlorobenzene	ND	5.8	ug/kg	0.79
1,2-Dichlorobenzene	ND	5.8	ug/kg	1.1
Dichlorodifluoromethane	ND	5.8	ug/kg	0.59
1,1-Dichloroethane	ND	5.8	ug/kg	0.33
1,2-Dichloroethane	ND	5.8	ug/kg	0.35
1,1-Dichloroethene	ND	5.8	ug/kg	0.68
cis-1,2-Dichloroethene	ND	5.8	ug/kg	0.87
trans-1,2-Dichloroethene	ND	5.8	ug/kg	0.76
1,2-Dichloropropane	ND	5.8	ug/kg	0.73
cis-1,3-Dichloropropene	ND	5.8	ug/kg	0.33
trans-1,3-Dichloropropene	ND	5.8	ug/kg	0.32
Ethylbenzene	ND	5.8	ug/kg	1.1
2-Hexanone	ND	5.8	ug/kg	0.94
Isopropylbenzene	ND	5.8	ug/kg	1.3
Methyl acetate	ND	5.8	ug/kg	2.9
Methylene chloride 5.8	~~2.6 J,B~~ UL	**5.8**	**ug/kg**	1.5
Methylcyclohexane	ND	5.8	ug/kg	0.91
4-Methyl-2-pentanone	ND	5.8	ug/kg	0.98
Methyl tert-butyl ether	ND	5.8	ug/kg	0.48

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Yup
1-20-07

The RETEC Group, Inc.

Client Sample ID: SB15(34-35)

GC/MS Volatiles

Lot-Sample #...: C6K060148-006 **Work Order #...:** JH2Q51AK **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Styrene	ND	5.8	ug/kg	0.93
1,1,2,2-Tetrachloroethane	ND	5.8	ug/kg	0.52
1,2,4-Trichloro-benzene	ND	5.8	ug/kg	1.6
Tetrachloroethene	ND	5.8	ug/kg	0.89
1,1,1-Trichloroethane	ND	5.8	ug/kg	0.31
1,1,2-Trichloroethane	ND	5.8	ug/kg	0.79
Trichloroethene	ND	5.8	ug/kg	1.0
Trichlorofluoromethane	ND	5.8	ug/kg	1.4
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	5.8	ug/kg	0.40
Vinyl chloride	ND	5.8	ug/kg	0.76
Xylenes (total)	ND	17	ug/kg	3.2
Toluene	ND	5.8	ug/kg	0.69

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	76	(52 - 124)
Toluene-d8	106	(72 - 127)
4-Bromofluorobenzene	95	(63 - 120)
Dibromofluoromethane	89	(68 - 121)

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.

The RETEC Group, Inc.

Client Sample ID: SB15(34-35)

GC/MS Semivolatiles

Lot-Sample #...: C6K060148-006	**Work Order #...:** JH2Q51AL	**Matrix.....:** SO	
Date Sampled...: 11/03/06	**Date Received..:** 11/06/06	**MS Run #.....:** 6313010	
Prep Date.....: 11/09/06	**Analysis Date..:** 11/20/06		
Prep Batch #...: 6313022	**Analysis Time..:** 16:43		
Dilution Factor: 1	**Initial Wgt/Vol:** 15 g	**Final Wgt/Vol..:** 0.5 mL	
% Moisture.....: 14	**Analyst ID.....:** 007062	**Instrument ID..:** 732	
	Method.....: SW846 8270C		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	**14 J**	**380**	**ug/kg**	**8.4**
Acenaphthylene	**130 J**	**380**	**ug/kg**	**8.1**
Acetophenone	ND	380	ug/kg	97
Anthracene	**58 J**	**380**	**ug/kg**	**8.8**
Atrazine	ND	380	ug/kg	97
Benzo(a)anthracene	ND	380	ug/kg	8.5
Benzo(a)pyrene	ND	380	ug/kg	6.5
Benzo(b)fluoranthene	ND	380	ug/kg	7.7
Benzo(ghi)perylene	ND	380	ug/kg	7.3
Benzo(k)fluoranthene	ND	380	ug/kg	7.6
Benzaldehyde	ND	380	ug/kg	86
1,1'-Biphenyl	ND	380	ug/kg	97
bis(2-Chloroethoxy) methane	ND	380	ug/kg	8.7
bis(2-Chloroethyl)-ether	ND	380	ug/kg	7.5
bis(2-Ethylhexyl) phthalate	ND	380	ug/kg	24
4-Bromophenyl phenyl ether	ND	380	ug/kg	19
Butyl benzyl phthalate	**17 J**	**380**	**ug/kg**	**8.6**
Caprolactam	ND	380	ug/kg	97
Carbazole	ND	380	ug/kg	8.9
4-Chloroaniline	ND	380	ug/kg	19
4-Chloro-3-methylphenol	ND	380	ug/kg	8.4
2-Chloronaphthalene	ND	380	ug/kg	8.2
2-Chlorophenol	ND	380	ug/kg	6.1
4-Chlorophenyl phenyl ether	ND	380	ug/kg	7.9
Chrysene	ND	380	ug/kg	7.6
Dibenz(a,h)anthracene	ND	380	ug/kg	6.3
Dibenzofuran	**12 J**	**380**	**ug/kg**	**8.7**
3,3'-Dichlorobenzidine	ND	1900	ug/kg	9.5
2,4-Dichlorophenol	ND	380	ug/kg	7.3
Diethyl phthalate	ND	380	ug/kg	7.8
2,4-Dimethylphenol	ND	380	ug/kg	6.2
Dimethyl phthalate	ND	380	ug/kg	8.1

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The RETEC Group, Inc.

Client Sample ID: SB15(34-35)

GC/MS Semivolatiles

Lot-Sample #...: C6K060148-006 Work Order #...: JH2Q51AL Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-butyl phthalate	ND	380	ug/kg	47
4,6-Dinitro-2-methylphenol	ND	1900	ug/kg	970
2,4-Dinitrophenol	ND	1900	ug/kg	970
2,4-Dinitrotoluene	ND	380	ug/kg	4.0
2,6-Dinitrotoluene	ND	380	ug/kg	5.5
Di-n-octyl phthalate	ND	380	ug/kg	8.9
Fluoranthene	**8.3 J**	**380**	**ug/kg**	**8.2**
Fluorene	**13 J**	**380**	**ug/kg**	**9.2**
Hexachlorobenzene	ND	380	ug/kg	7.8
Hexachlorobutadiene	ND	380	ug/kg	7.6
Hexachlorocyclopentadiene	ND	1900	ug/kg	31
Hexachloroethane	ND	380	ug/kg	7.4
Indeno(1,2,3-cd)pyrene	ND	380	ug/kg	7.7
Isophorone	ND	380	ug/kg	7.4
2-Methylnaphthalene	**74 J**	**380**	**ug/kg**	**9.5**
2-Methylphenol	ND	380	ug/kg	8.6
4-Methylphenol	ND	380	ug/kg	8.7
Naphthalene	**400**	**380**	**ug/kg**	**9.2**
2-Nitroaniline	ND	1900	ug/kg	4.8
3-Nitroaniline	ND	1900	ug/kg	190
4-Nitroaniline	ND	1900	ug/kg	5.4
Nitrobenzene	ND	380	ug/kg	13
2-Nitrophenol	ND	380	ug/kg	7.0
4-Nitrophenol	ND	1900	ug/kg	5.2
N-Nitrosodi-n-propylamine	ND	380	ug/kg	7.8
N-Nitrosodiphenylamine	ND	380	ug/kg	80
2,2'-oxybis(1-Chloropropane)	ND UJ	380	ug/kg	5.6
Pentachlorophenol	ND	1900	ug/kg	530
Phenanthrene	**210 J**	**380**	**ug/kg**	**9.2**
Phenol	ND	380	ug/kg	7.9
Pyrene	ND	380	ug/kg	9.4
2,4,5-Trichlorophenol	ND	380	ug/kg	22
2,4,6-Trichlorophenol	ND	380	ug/kg	6.6

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1-20-07

The RETEC Group, Inc.

Client Sample ID: SB15(34-35)

GC/MS Semivolatiles

Lot-Sample #...: C6K060148-006 **Work Order #...:** JH2Q51AL **Matrix.....:** SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	81	(21 - 144)
2-Fluorobiphenyl	73	(26 - 128)
2-Fluorophenol	72	(34 - 115)
Nitrobenzene-d5	76	(30 - 118)
Phenol-d5	74	(35 - 117)
Terphenyl-d14	78	(40 - 115)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

The RETEC Group, Inc.

Client Sample ID: SB15(34-35)

TOTAL Metals

Lot-Sample #...: C6K060148-006 Matrix.....: SO
Date Sampled...: 11/03/06 Date Received..: 11/06/06
% Moisture.....: 14

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 6318073						
Silver	ND	0.58	mg/kg	SW846 6010B	11/14-11/16/06	JH2Q51AM
		Dilution Factor: 1		Analysis Time..: 18:09	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318048	MDL.....: 0.035	
Aluminum	3480	23.2	mg/kg	SW846 6010B	11/14-11/16/06	JH2Q51AN
		Dilution Factor: 1		Analysis Time..: 18:09	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318048	MDL.....: 0.92	
Arsenic	1.5	1.2	mg/kg	SW846 6010B	11/14-11/16/06	JH2Q51AP
		Dilution Factor: 1		Analysis Time..: 18:09	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318048	MDL.....: 0.38	
Barium	18.8 ~~B~~ J	23.2	mg/kg	SW846 6010B	11/14-11/16/06	JH2Q51AQ
		Dilution Factor: 1		Analysis Time..: 18:09	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318048	MDL.....: 0.12	
Beryllium	0.46 ~~J~~	0.46	mg/kg	SW846 6010B	11/14-11/16/06	JH2Q51AR
		Dilution Factor: 1		Analysis Time..: 18:09	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318048	MDL.....: 0.048	
Calcium	28600 J-	580	mg/kg	SW846 6010B	11/14-11/16/06	JH2Q51AT
		Dilution Factor: 1		Analysis Time..: 18:09	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318048	MDL.....: 4.6	
Cadmium	ND	0.58	mg/kg	SW846 6010B	11/14-11/16/06	JH2Q51AU
		Dilution Factor: 1		Analysis Time..: 18:09	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318048	MDL.....: 0.081	
Cobalt	3.9 ~~B~~ J	5.8	mg/kg	SW846 6010B	11/14-11/16/06	JH2Q51AV
		Dilution Factor: 1		Analysis Time..: 18:09	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318048	MDL.....: 0.061	
Chromium	5.4	0.58	mg/kg	SW846 6010B	11/14-11/16/06	JH2Q51AW
		Dilution Factor: 1		Analysis Time..: 18:09	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318048	MDL.....: 0.11	

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JHP
1-20-07

The RETEC Group, Inc.

Client Sample ID: SB15(34-35)

TOTAL Metals

Lot-Sample #...: C6K060148-006 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Copper	9.4 J	2.9	mg/kg	SW846 6010B	11/14-11/16/06	JH2Q51AX
		Dilution Factor: 1		Analysis Time..: 18:09	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318048	MDL.....: 0.13	
Iron	8160	11.6	mg/kg	SW846 6010B	11/14-11/16/06	JH2Q51A0
		Dilution Factor: 1		Analysis Time..: 18:09	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318048	MDL.....: 2.1	
Potassium	645 J	580	mg/kg	SW846 6010B	11/14-11/16/06	JH2Q51A1
		Dilution Factor: 1		Analysis Time..: 18:09	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318048	MDL.....: 8.7	
Magnesium	5510	580	mg/kg	SW846 6010B	11/14-11/16/06	JH2Q51A2
		Dilution Factor: 1		Analysis Time..: 18:09	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318048	MDL.....: 1.2	
Manganese	275 J	1.7	mg/kg	SW846 6010B	11/14-11/16/06	JH2Q51A3
		Dilution Factor: 1		Analysis Time..: 18:09	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318048	MDL.....: 0.013	
Sodium	97.7 B J	580	mg/kg	SW846 6010B	11/14-11/16/06	JH2Q51A4
		Dilution Factor: 1		Analysis Time..: 18:09	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318048	MDL.....: 18.2	
Nickel	9.0 J	4.6	mg/kg	SW846 6010B	11/14-11/16/06	JH2Q51A5
		Dilution Factor: 1		Analysis Time..: 18:09	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318048	MDL.....: 0.14	
Lead	3.4 J	0.35	mg/kg	SW846 6010B	11/14-11/16/06	JH2Q51A6
		Dilution Factor: 1		Analysis Time..: 18:09	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318048	MDL.....: 0.18	
Selenium	ND	0.58	mg/kg	SW846 6010B	11/14-11/16/06	JH2Q51AA
		Dilution Factor: 1		Analysis Time..: 18:09	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318048	MDL.....: 0.30	
Thallium	ND	1.2	mg/kg	SW846 6010B	11/14-11/16/06	JH2Q51AC
		Dilution Factor: 1		Analysis Time..: 18:09	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318048	MDL.....: 0.53	

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JCP
1-20-07

The RETEC Group, Inc.

Client Sample ID: SB15(34-35)

TOTAL Metals

Lot-Sample #...: C6K060148-006 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	ND UJ	1.2	mg/kg	SW846 6010B	11/14-11/16/06	JH2Q51AD
		Dilution Factor: 1		Analysis Time..: 18:09	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318048	MDL.....: 0.37	
Vanadium	9.2	5.8	mg/kg	SW846 6010B	11/14-11/16/06	JH2Q51AE
		Dilution Factor: 1		Analysis Time..: 18:09	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318048	MDL.....: 0.12	
Zinc	25.3 J	2.3	mg/kg	SW846 6010B	11/14-11/16/06	JH2Q51AF
		Dilution Factor: 1		Analysis Time..: 18:09	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318048	MDL.....: 0.20	
Prep Batch #...: 6325034						
Mercury	ND	0.038	mg/kg	SW846 7471A	11/21/06	JH2Q51AG
		Dilution Factor: 1		Analysis Time..: 09:36	Analyst ID.....: 031043	
		Instrument ID..: HGHYDRA		MS Run #.....: 6325024	MDL.....: 0.0093	

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.

Yup
1-20-07

The RETEC Group, Inc.

Client Sample ID: SB16(35-37)

GC/MS Volatiles

Lot-Sample #...: C6K080197-001	**Work Order #...:** JH7FW1AC	**Matrix.....:** SO
Date Sampled...: 11/06/06	**Date Received..:** 11/08/06	**MS Run #.....:** 6318317
Prep Date.....: 11/14/06	**Analysis Date..:** 11/14/06	
Prep Batch #...: 6318469	**Analysis Time..:** 17:08	
Dilution Factor: 1	**Initial Wgt/Vol:** 5 g	**Final Wgt/Vol..:** 5 mL
% Moisture.....: 18	**Analyst ID.....:** 034635	**Instrument ID..:** HP3
	Method.....: SW846 8260B	

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	1200	ug/kg	59
Benzene	**580**	**310**	**ug/kg**	**38**
Bromodichloromethane	ND	310	ug/kg	30
Bromoform	ND	310	ug/kg	35
Bromomethane	ND	310	ug/kg	49
2-Butanone	ND UJ	310	ug/kg	77
Carbon disulfide	ND	310	ug/kg	26
Carbon tetrachloride	ND	310	ug/kg	36
Chlorobenzene	ND	310	ug/kg	35
Chloroethane	ND	310	ug/kg	44
Chloroform	ND	310	ug/kg	33
Chloromethane	ND	310	ug/kg	34
Cyclohexane	ND	310	ug/kg	36
Dibromochloromethane	ND	310	ug/kg	66
1,2-Dibromo-3-chloro-propane	ND	310	ug/kg	93
1,2-Dibromoethane	ND	310	ug/kg	36
1,3-Dichlorobenzene	ND	310	ug/kg	29
1,4-Dichlorobenzene	ND	310	ug/kg	32
1,2-Dichlorobenzene	ND	310	ug/kg	31
Dichlorodifluoromethane	ND	310	ug/kg	47
1,1-Dichloroethane	ND	310	ug/kg	40
1,2-Dichloroethane	ND	310	ug/kg	33
1,1-Dichloroethene	ND	310	ug/kg	36
cis-1,2-Dichloroethene	ND	310	ug/kg	37
trans-1,2-Dichloroethene	ND	310	ug/kg	38
1,2-Dichloropropane	ND	310	ug/kg	39
cis-1,3-Dichloropropene	ND	310	ug/kg	27
trans-1,3-Dichloropropene	ND	310	ug/kg	19
Ethylbenzene	**7600**	**310**	**ug/kg**	**40**
2-Hexanone	ND	310	ug/kg	96
Isopropylbenzene	**890**	**310**	**ug/kg**	**33**
Methyl acetate	ND	310	ug/kg	33
Methylene chloride	ND UJ	310	ug/kg	41
Methylcyclohexane	ND	310	ug/kg	36
4-Methyl-2-pentanone	ND	310	ug/kg	32
Methyl tert-butyl ether	ND	310	ug/kg	31

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yap
1-21-07

The RETEC Group, Inc.

Client Sample ID: SB16(35-37)

GC/MS Volatiles

Lot-Sample #...: C6K080197-001 **Work Order #...:** JH7FW1AC **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Styrene	ND	310	ug/kg	30
1,1,2,2-Tetrachloroethane	ND	310	ug/kg	39
1,2,4-Trichloro-benzene	ND	310	ug/kg	42
Tetrachloroethene	ND	310	ug/kg	32
1,1,1-Trichloroethane	ND	310	ug/kg	25
1,1,2-Trichloroethane	ND	310	ug/kg	37
Trichloroethene	ND	310	ug/kg	34
Trichlorofluoromethane	ND UJ	310	ug/kg	99
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	310	ug/kg	45
Vinyl chloride	ND	310	ug/kg	41
Xylenes (total)	**12000**	**920**	**ug/kg**	**97**
Toluene	**4000**	**310**	**ug/kg**	**32**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	91	(52 - 124)
Toluene-d8	102	(72 - 127)
4-Bromofluorobenzene	94	(63 - 120)
Dibromofluoromethane	96	(68 - 121)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Yup
1-21-07

The RETEC Group, Inc.

Client Sample ID: SB16(35-37)

GC/MS Semivolatiles

Lot-Sample #...:	C6K080197-001	Work Order #...:	JH7FW1AD	Matrix.....:	SO
Date Sampled...:	11/06/06	Date Received..:	11/08/06	MS Run #.....:	6313010
Prep Date.....:	11/09/06	Analysis Date..:	11/15/06		
Prep Batch #...:	6313022	Analysis Time..:	15:19		
Dilution Factor:	20	Initial Wgt/Vol:	15 g	Final Wgt/Vol..:	0.5 mL
% Moisture.....:	18	Analyst ID.....:	007062	Instrument ID..:	732
		Method.....:	SW846 8270C		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	330000 E	8100	ug/kg	180
Acenaphthylene	37000	8100	ug/kg	170
Acetophenone	ND	8100	ug/kg	2000
Anthracene 180000	~~160000 E~~	8100	ug/kg	190
Atrazine	ND	8100	ug/kg	2000
Benzo(a)anthracene 110000 J	~~89000 E~~	8100	ug/kg	180
Benzo(a)pyrene	64000	8100	ug/kg	140
Benzo(b)fluoranthene	39000	8100	ug/kg	160
Benzo(ghi)perylene	32000	8100	ug/kg	150
Benzo(k)fluoranthene	15000	8100	ug/kg	160
Benzaldehyde	ND	8100	ug/kg	1800
1,1'-Biphenyl	55000	8100	ug/kg	2000
bis(2-Chloroethoxy) methane	ND	8100	ug/kg	180
bis(2-Chloroethyl)-ether	ND	8100	ug/kg	160
bis(2-Ethylhexyl) phthalate	ND	8100	ug/kg	510
4-Bromophenyl phenyl ether	ND	8100	ug/kg	410
Butyl benzyl phthalate	ND	8100	ug/kg	180
Caprolactam	ND	8100	ug/kg	2000
Carbazole	2600 J	8100	ug/kg	190
4-Chloroaniline	ND	8100	ug/kg	410
4-Chloro-3-methylphenol	ND	8100	ug/kg	180
2-Chloronaphthalene	ND	8100	ug/kg	170
2-Chlorophenol	ND	8100	ug/kg	130
4-Chlorophenyl phenyl ether	ND	8100	ug/kg	170
Chrysene 89000	~~75000 E~~	8100	ug/kg	160
Dibenz(a,h)anthracene	8800 J	8100	ug/kg	130
Dibenzofuran	14000	8100	ug/kg	180
3,3'-Dichlorobenzidine	ND	39000	ug/kg	200
2,4-Dichlorophenol	ND	8100	ug/kg	150
Diethyl phthalate	ND	8100	ug/kg	160
2,4-Dimethylphenol	ND	8100	ug/kg	130
Dimethyl phthalate	ND	8100	ug/kg	170

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Yup
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The RETEC Group, Inc.

Client Sample ID: SB16(35-37)

GC/MS Semivolatiles

Lot-Sample #...: C6K080197-001 Work Order #...: JH7FW1AD Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-butyl phthalate	ND	8100	ug/kg	990
4,6-Dinitro-2-methylphenol	ND	39000	ug/kg	20000
2,4-Dinitrophenol	ND	39000	ug/kg	20000
2,4-Dinitrotoluene	ND	8100	ug/kg	85
2,6-Dinitrotoluene	ND	8100	ug/kg	120
Di-n-octyl phthalate	ND	8100	ug/kg	190
Fluoranthene 170000 J	~~160000 E~~	**8100**	**ug/kg**	**170**
Fluorene 160000 J	~~150000 E~~	**8100**	**ug/kg**	**190**
Hexachlorobenzene	ND	8100	ug/kg	160
Hexachlorobutadiene	ND	8100	ug/kg	160
Hexachlorocyclopentadiene	ND	39000	ug/kg	650
Hexachloroethane	ND	8100	ug/kg	160
Indeno(1,2,3-cd)pyrene	**28000 J**	**8100**	**ug/kg**	**160**
Isophorone	ND	8100	ug/kg	160
2-Methylnaphthalene 360000	~~420000 E~~	**8100**	**ug/kg**	**200**
2-Methylphenol	ND	8100	ug/kg	180
4-Methylphenol	ND	8100	ug/kg	180
Naphthalene	~~660000 E~~	**8100**	**ug/kg**	**190**
2-Nitroaniline	ND	39000	ug/kg	100
3-Nitroaniline	ND	39000	ug/kg	4100
4-Nitroaniline	ND	39000	ug/kg	110
Nitrobenzene	ND	8100	ug/kg	260
2-Nitrophenol	ND	8100	ug/kg	150
4-Nitrophenol	ND	39000	ug/kg	110
N-Nitrosodi-n-propylamine	ND	8100	ug/kg	170
N-Nitrosodiphenylamine	ND	8100	ug/kg	1700
2,2'-oxybis(1-Chloropropane)	ND	8100	ug/kg	120
Pentachlorophenol	ND	39000	ug/kg	11000
Phenanthrene 600000	~~570000 E~~	**8100**	**ug/kg**	**190**
Phenol	ND	8100	ug/kg	170
Pyrene 270000	~~240000 E~~	**8100**	**ug/kg**	**200**
2,4,5-Trichlorophenol	ND	8100	ug/kg	460
2,4,6-Trichlorophenol	ND	8100	ug/kg	140

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YLP
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The RETEC Group, Inc.

Client Sample ID: SB16(35-37)

GC/MS Semivolatiles

Lot-Sample #...: C6K080197-001 Work Order #...: JH7FW1AD Matrix.....: SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	NC,DIL	(21 - 144)
2-Fluorobiphenyl	NC,DIL	(26 - 128)
2-Fluorophenol	NC,DIL	(34 - 115)
Nitrobenzene-d5	NC,DIL	(30 - 118)
Phenol-d5	NC,DIL	(35 - 117)
Terphenyl-d14	NC,DIL	(40 - 115)

NOTE(S):

NC The recovery and/or RPD were not calculated.

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.

E Estimated result. Result concentration exceeds the calibration range.

J Estimated result. Result is less than RL.

The RETEC Group, Inc.

Client Sample ID: SB16(35-37) DL

GC/MS Semivolatiles

Lot-Sample #...: C6K080197-001	Work Order #...: JH7FW2AD	Matrix.....: SO
Date Sampled...: 11/06/06	Date Received..: 11/08/06	MS Run #.....: 6313010
Prep Date.....: 11/09/06	Analysis Date..: 11/16/06	
Prep Batch #...: 6313022	Analysis Time..: 14:00	
Dilution Factor: 500	Initial Wgt/Vol: 15 g	Final Wgt/Vol..: 0.5 mL
% Moisture.....: 18	Analyst ID.....: 007062	Instrument ID..: 732
	Method.....: SW846 8270C	

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	**330000**	**200000**	**ug/kg**	**4400**
Acenaphthylene	**42000 J**	**200000**	**ug/kg**	**4300**
Acetophenone	ND	200000	ug/kg	51000
Anthracene	**180000 J**	**200000**	**ug/kg**	**4700**
Atrazine	ND	200000	ug/kg	51000
Benzo(a)anthracene	**110000 J**	**200000**	**ug/kg**	**4500**
Benzo(a)pyrene	**72000 J**	**200000**	**ug/kg**	**3400**
Benzo(b)fluoranthene	**45000 J**	**200000**	**ug/kg**	**4100**
Benzo(ghi)perylene	**33000 J**	**200000**	**ug/kg**	**3900**
Benzo(k)fluoranthene	**18000 J**	**200000**	**ug/kg**	**4000**
Benzaldehyde	ND	200000	ug/kg	45000
1,1'-Biphenyl	**65000 J**	**200000**	**ug/kg**	**51000**
bis(2-Chloroethoxy) methane	ND	200000	ug/kg	4600
bis(2-Chloroethyl)-ether	ND	200000	ug/kg	4000
bis(2-Ethylhexyl) phthalate	ND	200000	ug/kg	13000
4-Bromophenyl phenyl ether	ND	200000	ug/kg	10000
Butyl benzyl phthalate	ND	200000	ug/kg	4500
Caprolactam	ND	200000	ug/kg	51000
Carbazole	ND	200000	ug/kg	4700
4-Chloroaniline	ND	200000	ug/kg	10000
4-Chloro-3-methylphenol	ND	200000	ug/kg	4400
2-Chloronaphthalene	ND	200000	ug/kg	4300
2-Chlorophenol	ND	200000	ug/kg	3200
4-Chlorophenyl phenyl ether	ND	200000	ug/kg	4200
Chrysene	**89000 J**	**200000**	**ug/kg**	**4000**
Dibenz(a,h)anthracene	ND	200000	ug/kg	3300
Dibenzofuran	ND	200000	ug/kg	4600
3,3'-Dichlorobenzidine	ND	980000	ug/kg	5000
2,4-Dichlorophenol	ND	200000	ug/kg	3800
Diethyl phthalate	ND	200000	ug/kg	4100
2,4-Dimethylphenol	ND	200000	ug/kg	3300
Dimethyl phthalate	ND	200000	ug/kg	4300

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Yap 1-20-07

The RETEC Group, Inc.

Client Sample ID: SB16(35-37)

GC/MS Semivolatiles

Lot-Sample #...: C6K080197-001 Work Order #...: JH7FW2AD Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-butyl phthalate	ND	200000	ug/kg	25000
4,6-Dinitro-2-methylphenol	ND	980000	ug/kg	510000
2,4-Dinitrophenol	ND	980000	ug/kg	510000
2,4-Dinitrotoluene	ND	200000	ug/kg	2100
2,6-Dinitrotoluene	ND	200000	ug/kg	2900
Di-n-octyl phthalate	ND	200000	ug/kg	4700
Fluoranthene	**170000 J**	**200000**	**ug/kg**	**4300**
Fluorene	**160000 J**	**200000**	**ug/kg**	**4900**
Hexachlorobenzene	ND	200000	ug/kg	4100
Hexachlorobutadiene	ND	200000	ug/kg	4000
Hexachlorocyclopentadiene	ND	980000	ug/kg	16000
Hexachloroethane	ND	200000	ug/kg	3900
Indeno(1,2,3-cd)pyrene	**27000 J**	**200000**	**ug/kg**	**4100**
Isophorone	ND	200000	ug/kg	3900
2-Methylnaphthalene	**390000**	**200000**	**ug/kg**	**5000**
2-Methylphenol	ND	200000	ug/kg	4500
4-Methylphenol	ND	200000	ug/kg	4600
Naphthalene	**660000**	**200000**	**ug/kg**	**4900**
2-Nitroaniline	ND	980000	ug/kg	2500
3-Nitroaniline	ND	980000	ug/kg	100000
4-Nitroaniline	ND	980000	ug/kg	2800
Nitrobenzene	ND	200000	ug/kg	6600
2-Nitrophenol	ND	200000	ug/kg	3700
4-Nitrophenol	ND	980000	ug/kg	2700
N-Nitrosodi-n-propylamine	ND	200000	ug/kg	4100
N-Nitrosodiphenylamine	ND	200000	ug/kg	42000
2,2'-oxybis(1-Chloropropane)	ND	200000	ug/kg	2900
Pentachlorophenol	ND	980000	ug/kg	280000
Phenanthrene	**600000**	**200000**	**ug/kg**	**4900**
Phenol	ND	200000	ug/kg	4200
Pyrene	**270000**	**200000**	**ug/kg**	**5000**
2,4,5-Trichlorophenol	ND	200000	ug/kg	12000
2,4,6-Trichlorophenol	ND	200000	ug/kg	3500

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yaf 1-20-07

The RETEC Group, Inc.

Client Sample ID: SB16(35-37) DL

GC/MS Semivolatiles

Lot-Sample #...: C6K080197-001 Work Order #...: JH7FW2AD Matrix.....: SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	NC,DIL	(21 - 144)
2-Fluorobiphenyl	NC,DIL	(26 - 128)
2-Fluorophenol	NC,DIL	(34 - 115)
Nitrobenzene-d5	NC,DIL	(30 - 118)
Phenol-d5	NC,DIL	(35 - 117)
Terphenyl-d14	NC,DIL	(40 - 115)

NOTE(S):

NC The recovery and/or RPD were not calculated.

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.

Results were transposed over original, 20-fold, results for analytes that exceeded the cal range in the original analyses.

JLP
1-20-07

The RETEC Group, Inc.

Client Sample ID: SB16(35-37)

TOTAL Metals

Lot-Sample #...: C6K080197-001 Matrix.....: SO
Date Sampled...: 11/06/06 Date Received..: 11/08/06
% Moisture.....: 18

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 6318071						
Silver	ND	0.61	mg/kg	SW846 6010B	11/16-11/17/06	JH7FW1AE
		Dilution Factor: 1		Analysis Time..: 14:49	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.036	
Aluminum	**3220 J**	**24.4**	**mg/kg**	**SW846 6010B**	**11/16-11/17/06**	**JH7FW1AF**
		Dilution Factor: 1		Analysis Time..: 14:49	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.97	
Arsenic	**2.9**	**1.2**	**mg/kg**	**SW846 6010B**	**11/16-11/17/06**	**JH7FW1AG**
		Dilution Factor: 1		Analysis Time..: 14:49	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.40	
Barium	**23.6 B J**	**24.4**	**mg/kg**	**SW846 6010B**	**11/16-11/17/06**	**JH7FW1AH**
		Dilution Factor: 1		Analysis Time..: 14:49	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.12	
Beryllium	**0.30 B J**	**0.49**	**mg/kg**	**SW846 6010B**	**11/16-11/17/06**	**JH7FW1AJ**
		Dilution Factor: 1		Analysis Time..: 14:49	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.051	
Calcium	**1730**	**611**	**mg/kg**	**SW846 6010B**	**11/16-11/17/06**	**JH7FW1AK**
		Dilution Factor: 1		Analysis Time..: 14:49	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 4.8	
Cadmium	ND	0.61	mg/kg	SW846 6010B	11/16-11/17/06	JH7FW1AL
		Dilution Factor: 1		Analysis Time..: 14:49	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.085	
Cobalt	**3.3 B J**	**6.1**	**mg/kg**	**SW846 6010B**	**11/16-11/17/06**	**JH7FW1AM**
		Dilution Factor: 1		Analysis Time..: 14:49	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.064	
Chromium	**4.5**	**0.61**	**mg/kg**	**SW846 6010B**	**11/16-11/17/06**	**JH7FW1AN**
		Dilution Factor: 1		Analysis Time..: 14:49	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.11	

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GAP
1-21-07

The RETEC Group, Inc.

Client Sample ID: SB16(35-37)

TOTAL Metals

Lot-Sample #...: C6K080197-001 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Copper	8.0 J	3.1	mg/kg	SW846 6010B	11/16-11/17/06	JH7FW1AP
		Dilution Factor: 1		Analysis Time..: 14:49	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.14	
Iron	8380	12.2	mg/kg	SW846 6010B	11/16-11/17/06	JH7FW1AQ
		Dilution Factor: 1		Analysis Time..: 14:49	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 2.2	
Potassium	~~533 B,J~~ 611 U	611	mg/kg	SW846 6010B	11/16-11/17/06	JH7FW1AR
		Dilution Factor: 1		Analysis Time..: 14:49	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 9.2	
Magnesium	1410	611	mg/kg	SW846 6010B	11/16-11/17/06	JH7FW1AT
		Dilution Factor: 1		Analysis Time..: 14:49	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 1.3	
Manganese	58.2	1.8	mg/kg	SW846 6010B	11/16-11/17/06	JH7FW1AU
		Dilution Factor: 1		Analysis Time..: 14:49	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.014	
Sodium	153 B J	611	mg/kg	SW846 6010B	11/16-11/17/06	JH7FW1AV
		Dilution Factor: 1		Analysis Time..: 14:49	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 19.1	
Nickel	7.1	4.9	mg/kg	SW846 6010B	11/16-11/17/06	JH7FW1AW
		Dilution Factor: 1		Analysis Time..: 14:49	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.15	
Lead	3.2	0.37	mg/kg	SW846 6010B	11/16-11/17/06	JH7FW1AX
		Dilution Factor: 1		Analysis Time..: 14:49	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.19	
Selenium	0.54 B J	0.61	mg/kg	SW846 6010B	11/16-11/17/06	JH7FW1A0
		Dilution Factor: 1		Analysis Time..: 14:49	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.32	
Thallium	ND	1.2	mg/kg	SW846 6010B	11/16-11/17/06	JH7FW1A1
		Dilution Factor: 1		Analysis Time..: 14:49	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.56	

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Yup
1-21-07

The RETEC Group, Inc.

Client Sample ID: SB16(35-37)

TOTAL Metals

Lot-Sample #...: C6K080197-001 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	ND	1.2	mg/kg	SW846 6010B	11/16-11/17/06	JH7FW1A2
		Dilution Factor: 1		Analysis Time..: 14:49	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.39	
Vanadium	**9.1**	**6.1**	**mg/kg**	**SW846 6010B**	**11/16-11/17/06**	**JH7FW1A3**
		Dilution Factor: 1		Analysis Time..: 14:49	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.13	
Zinc	**22.8** J	**2.4**	**mg/kg**	**SW846 6010B**	**11/16-11/17/06**	**JH7FW1A4**
		Dilution Factor: 1		Analysis Time..: 14:49	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.21	
Prep Batch #...: 6325037						
Mercury	ND	0.040	mg/kg	SW846 7471A	11/21/06	JH7FW1A5
		Dilution Factor: 1		Analysis Time..: 10:15	Analyst ID.....: 031043	
		Instrument ID..: HGHYDRA		MS Run #.....: 6325025	MDL.....: 0.0098	

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.

yup
1-21-07

The RETEC Group, Inc.

Client Sample ID: SB16(49-50)

GC/MS Volatiles

Lot-Sample #...: C6K080197-002	**Work Order #...:** JH7F61AK	**Matrix.....:** SO
Date Sampled...: 11/06/06	**Date Received..:** 11/08/06	**MS Run #.....:** 6316021
Prep Date.....: 11/12/06	**Analysis Date..:** 11/13/06	
Prep Batch #...: 6316062	**Analysis Time..:** 02:46	
Dilution Factor: 1	**Initial Wgt/Vol:** 5 g	**Final Wgt/Vol..:** 5 mL
% Moisture.....: 14	**Analyst ID.....:** 010099	**Instrument ID..:** HP3
	Method.....: SW846 8260B	

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	23	ug/kg	5.8
Benzene	ND	5.8	ug/kg	0.64
Bromodichloromethane	ND	5.8	ug/kg	0.29
Bromoform	ND	5.8	ug/kg	0.71
Bromomethane	ND	5.8	ug/kg	1.1
2-Butanone	ND	5.8	ug/kg	1.6
Carbon disulfide	ND	5.8	ug/kg	0.42
Carbon tetrachloride	ND	5.8	ug/kg	0.29
Chlorobenzene	ND	5.8	ug/kg	0.99
Chloroethane	ND	5.8	ug/kg	1.1
Chloroform	ND	5.8	ug/kg	0.29
Chloromethane	ND	5.8	ug/kg	0.33
Cyclohexane	ND	5.8	ug/kg	0.44
Dibromochloromethane	ND	5.8	ug/kg	0.30
1,2-Dibromo-3-chloro-propane	ND	5.8	ug/kg	0.54
1,2-Dibromoethane	ND	5.8	ug/kg	0.31
1,3-Dichlorobenzene	ND	5.8	ug/kg	1.1
1,4-Dichlorobenzene	ND	5.8	ug/kg	0.79
1,2-Dichlorobenzene	ND	5.8	ug/kg	1.1
Dichlorodifluoromethane	ND	5.8	ug/kg	0.59
1,1-Dichloroethane	ND	5.8	ug/kg	0.33
1,2-Dichloroethane	ND	5.8	ug/kg	0.35
1,1-Dichloroethene	ND	5.8	ug/kg	0.69
cis-1,2-Dichloroethene	ND	5.8	ug/kg	0.87
trans-1,2-Dichloroethene	ND	5.8	ug/kg	0.76
1,2-Dichloropropane	ND	5.8	ug/kg	0.73
cis-1,3-Dichloropropene	ND	5.8	ug/kg	0.33
trans-1,3-Dichloropropene	ND	5.8	ug/kg	0.32
Ethylbenzene	ND	5.8	ug/kg	1.1
2-Hexanone	ND	5.8	ug/kg	0.95
Isopropylbenzene	ND	5.8	ug/kg	1.3
Methyl acetate	ND	5.8	ug/kg	2.9
Methylene chloride 5.8	~~3.2 J,B~~ U	**5.8**	**ug/kg**	**1.5**
Methylcyclohexane	ND	5.8	ug/kg	0.91
4-Methyl-2-pentanone	ND	5.8	ug/kg	0.98
Methyl tert-butyl ether	ND	5.8	ug/kg	0.48

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yup
1-21-07

The RETEC Group, Inc.

Client Sample ID: SB16(49-50)

GC/MS Volatiles

Lot-Sample #...: C6K080197-002 **Work Order #...:** JH7F61AK **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Styrene	ND	5.8	ug/kg	0.93
1,1,2,2-Tetrachloroethane	ND	5.8	ug/kg	0.52
1,2,4-Trichloro-benzene	ND	5.8	ug/kg	1.6
Tetrachloroethene	ND	5.8	ug/kg	0.89
1,1,1-Trichloroethane	ND	5.8	ug/kg	0.32
1,1,2-Trichloroethane	ND	5.8	ug/kg	0.79
Trichloroethene	ND	5.8	ug/kg	1.0
Trichlorofluoromethane	ND	5.8	ug/kg	1.4
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	5.8	ug/kg	0.40
Vinyl chloride	ND	5.8	ug/kg	0.76
Xylenes (total)	ND	17	ug/kg	3.2
Toluene	ND	5.8	ug/kg	0.69

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	81	(52 - 124)
Toluene-d8	105	(72 - 127)
4-Bromofluorobenzene	97	(63 - 120)
Dibromofluoromethane	91	(68 - 121)

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.

The RETEC Group, Inc.

Client Sample ID: SB16(49-50)

GC/MS Semivolatiles

Lot-Sample #...:	C6K080197-002	Work Order #...:	JH7F61AL	Matrix.....:	SO
Date Sampled...:	11/06/06	Date Received..:	11/08/06	MS Run #.....:	6313010
Prep Date.....:	11/09/06	Analysis Date..:	11/15/06		
Prep Batch #...:	6313022	Analysis Time..:	15:46		
Dilution Factor:	1	Initial Wgt/Vol:	15 g	Final Wgt/Vol..:	0.5 mL
% Moisture.....:	14	Analyst ID.....:	007062	Instrument ID..:	732
		Method.....:	SW846 8270C		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	**32 J**	**380**	**ug/kg**	**8.4**
Acenaphthylene	**58 J**	**380**	**ug/kg**	**8.1**
Acetophenone	ND	380	ug/kg	97
Anthracene	**36 J**	**380**	**ug/kg**	**8.9**
Atrazine	ND	380	ug/kg	97
Benzo(a)anthracene	ND	380	ug/kg	8.5
Benzo(a)pyrene	ND	380	ug/kg	6.5
Benzo(b)fluoranthene	ND	380	ug/kg	7.7
Benzo(ghi)perylene	ND	380	ug/kg	7.3
Benzo(k)fluoranthene	ND	380	ug/kg	7.6
Benzaldehyde	ND	380	ug/kg	86
1,1'-Biphenyl	ND	380	ug/kg	97
bis(2-Chloroethoxy) methane	ND	380	ug/kg	8.7
bis(2-Chloroethyl)-ether	ND	380	ug/kg	7.5
bis(2-Ethylhexyl) phthalate	ND	380	ug/kg	24
4-Bromophenyl phenyl ether	ND	380	ug/kg	19
Butyl benzyl phthalate	ND	380	ug/kg	8.6
Caprolactam	ND	380	ug/kg	97
Carbazole	ND	380	ug/kg	8.9
4-Chloroaniline	ND	380	ug/kg	19
4-Chloro-3-methylphenol	ND	380	ug/kg	8.4
2-Chloronaphthalene	ND	380	ug/kg	8.2
2-Chlorophenol	ND	380	ug/kg	6.1
4-Chlorophenyl phenyl ether	ND	380	ug/kg	7.9
Chrysene	ND	380	ug/kg	7.6
Dibenz(a,h)anthracene	ND UJ	380	ug/kg	6.3
Dibenzofuran	**10 J**	**380**	**ug/kg**	**8.7**
3,3'-Dichlorobenzidine	ND	1900	ug/kg	9.6
2,4-Dichlorophenol	ND	380	ug/kg	7.3
Diethyl phthalate	ND	380	ug/kg	7.8
2,4-Dimethylphenol	ND	380	ug/kg	6.2
Dimethyl phthalate	ND	380	ug/kg	8.1

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JAP 1-21-07

The RETEC Group, Inc.

Client Sample ID: SB16(49-50)

GC/MS Semivolatiles

Lot-Sample #...: C6K080197-002 Work Order #...: JH7F61AL Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-butyl phthalate	ND	380	ug/kg	47
4,6-Dinitro-2-methylphenol	ND	1900	ug/kg	970
2,4-Dinitrophenol	ND	1900	ug/kg	970
2,4-Dinitrotoluene	ND	380	ug/kg	4.1
2,6-Dinitrotoluene	ND	380	ug/kg	5.5
Di-n-octyl phthalate	ND	380	ug/kg	8.9
Fluoranthene	ND	380	ug/kg	8.2
Fluorene	ND	380	ug/kg	9.2
Hexachlorobenzene	ND	380	ug/kg	7.8
Hexachlorobutadiene	ND	380	ug/kg	7.6
Hexachlorocyclopentadiene	ND	1900	ug/kg	31
Hexachloroethane	ND	380	ug/kg	7.4
Indeno(1,2,3-cd)pyrene	ND UJ	380	ug/kg	7.7
Isophorone	ND	380	ug/kg	7.4
2-Methylnaphthalene	**23 J**	**380**	**ug/kg**	**9.5**
2-Methylphenol	ND	380	ug/kg	8.6
4-Methylphenol	ND	380	ug/kg	8.7
Naphthalene	**54 J**	**380**	**ug/kg**	**9.2**
2-Nitroaniline	ND	1900	ug/kg	4.8
3-Nitroaniline	ND	1900	ug/kg	190
4-Nitroaniline	ND	1900	ug/kg	5.4
Nitrobenzene	ND	380	ug/kg	13
2-Nitrophenol	ND	380	ug/kg	7.0
4-Nitrophenol	ND	1900	ug/kg	5.2
N-Nitrosodi-n-propylamine	ND	380	ug/kg	7.9
N-Nitrosodiphenylamine	ND	380	ug/kg	80
2,2'-oxybis(1-Chloropropane)	ND	380	ug/kg	5.6
Pentachlorophenol	ND	1900	ug/kg	530
Phenanthrene	**130 J**	**380**	**ug/kg**	**9.3**
Phenol	ND	380	ug/kg	8.0
Pyrene	ND	380	ug/kg	9.5
2,4,5-Trichlorophenol	ND	380	ug/kg	22
2,4,6-Trichlorophenol	ND	380	ug/kg	6.6

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JHP
1-21-07

The RETEC Group, Inc.

Client Sample ID: SB16(49-50)

GC/MS Semivolatiles

Lot-Sample #...: C6K080197-002 Work Order #...: JH7F61AL Matrix.....: SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	84	(21 - 144)
2-Fluorobiphenyl	83	(26 - 128)
2-Fluorophenol	90	(34 - 115)
Nitrobenzene-d5	77	(30 - 118)
Phenol-d5	86	(35 - 117)
Terphenyl-d14	86	(40 - 115)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

The RETEC Group, Inc.

Client Sample ID: SB16(49-50)

TOTAL Metals

Lot-Sample #...: C6K080197-002 **Matrix.....: SO**
Date Sampled...: 11/06/06 **Date Received..: 11/08/06**
% Moisture.....: 14

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 6318071						
Silver	ND	0.58	mg/kg	SW846 6010B	11/16-11/17/06	JH7F61AM
		Dilution Factor: 1		Analysis Time..: 14:38	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.035	
Aluminum	**2690 J**	**23.2**	**mg/kg**	**SW846 6010B**	**11/16-11/17/06**	**JH7F61AN**
		Dilution Factor: 1		Analysis Time..: 14:38	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.93	
Arsenic	**1.4**	**1.2**	**mg/kg**	**SW846 6010B**	**11/16-11/17/06**	**JH7F61AP**
		Dilution Factor: 1		Analysis Time..: 14:38	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.38	
Barium	**20.5 B J**	**23.2**	**mg/kg**	**SW846 6010B**	**11/16-11/17/06**	**JH7F61AQ**
		Dilution Factor: 1		Analysis Time..: 14:38	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.12	
Beryllium	**0.27 B J**	**0.46**	**mg/kg**	**SW846 6010B**	**11/16-11/17/06**	**JH7F61AR**
		Dilution Factor: 1		Analysis Time..: 14:38	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.048	
Calcium	**33900**	**581**	**mg/kg**	**SW846 6010B**	**11/16-11/17/06**	**JH7F61AT**
		Dilution Factor: 1		Analysis Time..: 14:38	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 4.6	
Cadmium	ND	0.58	mg/kg	SW846 6010B	11/16-11/17/06	JH7F61AU
		Dilution Factor: 1		Analysis Time..: 14:38	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.081	
Cobalt	**2.5 B J**	**5.8**	**mg/kg**	**SW846 6010B**	**11/16-11/17/06**	**JH7F61AV**
		Dilution Factor: 1		Analysis Time..: 14:38	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.061	
Chromium	**3.9**	**0.58**	**mg/kg**	**SW846 6010B**	**11/16-11/17/06**	**JH7F61AW**
		Dilution Factor: 1		Analysis Time..: 14:38	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.11	

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The RETEC Group, Inc.

Client Sample ID: SB16(49-50)

TOTAL Metals

Lot-Sample #...: C6K080197-002 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Copper	6.7 ~~J~~	2.9	mg/kg	SW846 6010B	11/16-11/17/06	JH7F61AX
		Dilution Factor: 1		Analysis Time..: 14:38	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.13	
Iron	6980	11.6	mg/kg	SW846 6010B	11/16-11/17/06	JH7F61A0
		Dilution Factor: 1		Analysis Time..: 14:38	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 2.1	
Potassium	~~476 B,J~~ 581 U	581	mg/kg	SW846 6010B	11/16-11/17/06	JH7F61A1
		Dilution Factor: 1		Analysis Time..: 14:38	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 8.7	
Magnesium	3880	581	mg/kg	SW846 6010B	11/16-11/17/06	JH7F61A2
		Dilution Factor: 1		Analysis Time..: 14:38	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 1.2	
Manganese	203	1.7	mg/kg	SW846 6010B	11/16-11/17/06	JH7F61A3
		Dilution Factor: 1		Analysis Time..: 14:38	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.013	
Sodium	89.1 ~~B~~ J	581	mg/kg	SW846 6010B	11/16-11/17/06	JH7F61A4
		Dilution Factor: 1		Analysis Time..: 14:38	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 18.2	
Nickel	5.7	4.6	mg/kg	SW846 6010B	11/16-11/17/06	JH7F61A5
		Dilution Factor: 1		Analysis Time..: 14:38	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.14	
Lead	2.8	0.35	mg/kg	SW846 6010B	11/16-11/17/06	JH7F61A6
		Dilution Factor: 1		Analysis Time..: 14:38	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.18	
Selenium	0.39 ~~B~~ J	0.58	mg/kg	SW846 6010B	11/16-11/17/06	JH7F61AA
		Dilution Factor: 1		Analysis Time..: 14:38	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.30	
Thallium	ND	1.2	mg/kg	SW846 6010B	11/16-11/17/06	JH7F61AC
		Dilution Factor: 1		Analysis Time..: 14:38	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.53	

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yup
1-21-07

The RETEC Group, Inc.

Client Sample ID: SB16(49-50)

TOTAL Metals

Lot-Sample #...: C6K080197-002 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	ND	1.2	mg/kg	SW846 6010B	11/16-11/17/06	JH7F61AD
		Dilution Factor: 1		Analysis Time..: 14:38	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.37	
Vanadium	**6.9**	**5.8**	**mg/kg**	**SW846 6010B**	**11/16-11/17/06**	**JH7F61AE**
		Dilution Factor: 1		Analysis Time..: 14:38	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.12	
Zinc	**18.9 J**	**2.3**	**mg/kg**	**SW846 6010B**	**11/16-11/17/06**	**JH7F61AF**
		Dilution Factor: 1		Analysis Time..: 14:38	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.20	
Prep Batch #...: 6325037						
Mercury	ND	0.038	mg/kg	SW846 7471A	11/21/06	JH7F61AG
		Dilution Factor: 1		Analysis Time..: 10:17	Analyst ID.....: 031043	
		Instrument ID..: HGHYDRA		MS Run #.....: 6325025	MDL.....: 0.0093	

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.

Yup
1-21-07

The RETEC Group, Inc.

Client Sample ID: SB-18(10-11)

GC/MS Volatiles

Lot-Sample #...:	C6K030390-004	**Work Order #...:**	JHX641AK	**Matrix.....:**	SO
Date Sampled...:	11/01/06	**Date Received..:**	11/03/06	**MS Run #.....:**	6310039
Prep Date.....:	11/06/06	**Analysis Date..:**	11/06/06		
Prep Batch #...:	6310052	**Analysis Time..:**	11:06		
Dilution Factor:	1	**Initial Wgt/Vol:**	5 g	**Final Wgt/Vol..:**	5 mL
% Moisture.....:	17	**Analyst ID.....:**	010099	**Instrument ID..:**	HP3
		Method.....:	SW846 8260B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND UJ	24	ug/kg	6.0
Benzene	ND	6.0	ug/kg	0.66
Bromodichloromethane	ND	6.0	ug/kg	0.30
Bromoform	ND	6.0	ug/kg	0.74
Bromomethane	ND	6.0	ug/kg	1.1
2-Butanone	ND	6.0	ug/kg	1.7
Carbon disulfide	ND	6.0	ug/kg	0.43
Carbon tetrachloride	ND	6.0	ug/kg	0.30
Chlorobenzene	ND	6.0	ug/kg	1.0
Chloroethane	ND	6.0	ug/kg	1.1
Chloroform	ND	6.0	ug/kg	0.30
Chloromethane	ND	6.0	ug/kg	0.35
Cyclohexane	ND	6.0	ug/kg	0.45
Dibromochloromethane	ND	6.0	ug/kg	0.31
1,2-Dibromo-3-chloro-propane	ND	6.0	ug/kg	0.56
1,2-Dibromoethane	ND	6.0	ug/kg	0.32
1,3-Dichlorobenzene	ND	6.0	ug/kg	1.1
1,4-Dichlorobenzene	ND	6.0	ug/kg	0.82
1,2-Dichlorobenzene	ND	6.0	ug/kg	1.1
Dichlorodifluoromethane	ND	6.0	ug/kg	0.61
1,1-Dichloroethane	ND	6.0	ug/kg	0.35
1,2-Dichloroethane	ND	6.0	ug/kg	0.36
1,1-Dichloroethene	ND	6.0	ug/kg	0.71
cis-1,2-Dichloroethene	ND	6.0	ug/kg	0.90
trans-1,2-Dichloroethene	ND	6.0	ug/kg	0.79
1,2-Dichloropropane	ND	6.0	ug/kg	0.76
cis-1,3-Dichloropropene	ND	6.0	ug/kg	0.35
trans-1,3-Dichloropropene	ND	6.0	ug/kg	0.33
Ethylbenzene	**1.4 J**	**6.0**	**ug/kg**	**1.1**
2-Hexanone	ND	6.0	ug/kg	0.98
Isopropylbenzene	ND	6.0	ug/kg	1.4
Methyl acetate	ND	6.0	ug/kg	3.0
Methylene chloride	~~2.8 J,B~~ 6.0 U	**6.0**	**ug/kg**	**1.6**
Methylcyclohexane	ND	6.0	ug/kg	0.94
4-Methyl-2-pentanone	ND	6.0	ug/kg	1.0
Methyl tert-butyl ether	ND	6.0	ug/kg	0.49

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The RETEC Group, Inc.

Client Sample ID: SB-18(10-11)

GC/MS Volatiles

Lot-Sample #...: C6K030390-004 **Work Order #...:** JHX641AK **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Styrene	ND	6.0	ug/kg	0.96
1,1,2,2-Tetrachloroethane	ND	6.0	ug/kg	0.54
1,2,4-Trichloro-benzene	ND	6.0	ug/kg	1.7
Tetrachloroethene	ND	6.0	ug/kg	0.92
1,1,1-Trichloroethane	ND	6.0	ug/kg	0.33
1,1,2-Trichloroethane	ND	6.0	ug/kg	0.82
Trichloroethene	ND	6.0	ug/kg	1.0
Trichlorofluoromethane	ND	6.0	ug/kg	1.5
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	6.0	ug/kg	0.42
Vinyl chloride	ND	6.0	ug/kg	0.79
Xylenes (total)	**4.2 J**	**18**	**ug/kg**	**3.3**
Toluene	ND	6.0	ug/kg	0.71

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	76	(52 - 124)
Toluene-d8	105	(72 - 127)
4-Bromofluorobenzene	97	(63 - 120)
Dibromofluoromethane	92	(68 - 121)

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.

The RETEC Group, Inc.

Client Sample ID: SB-18(10-11)

GC/MS Semivolatiles

Lot-Sample #...:	C6K030390-004	**Work Order #...:**	JHX641AL	**Matrix.....:**	SO
Date Sampled...:	11/01/06 16:20	**Date Received..:**	11/03/06 09:40	**MS Run #.....:**	6312005
Prep Date.....:	11/08/06	**Analysis Date..:**	11/20/06		
Prep Batch #...:	6312013	**Analysis Time..:**	19:44		
Dilution Factor:	1	**Initial Wgt/Vol:**	15 g	**Final Wgt/Vol..:**	0.5 mL
% Moisture.....:	17	**Analyst ID.....:**	003200	**Instrument ID..:**	731
		Method.....:	SW846 8270C		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	**1100**	**400**	**ug/kg**	**8.8**
Acenaphthylene	**43 J**	**400**	**ug/kg**	**8.4**
Acetophenone	ND	400	ug/kg	100
Anthracene	**18 J**	**400**	**ug/kg**	**9.2**
Atrazine	ND	400	ug/kg	100
Benzo(a)anthracene	**21 J**	**400**	**ug/kg**	**8.8**
Benzo(a)pyrene	**17 J**	**400**	**ug/kg**	**6.7**
Benzo(b)fluoranthene	ND	400	ug/kg	8.0
Benzo(ghi)perylene	ND	400	ug/kg	7.6
Benzo(k)fluoranthene	ND	400	ug/kg	7.9
Benzaldehyde	ND	400	ug/kg	89
1,1'-Biphenyl	**110 J**	**400**	**ug/kg**	**100**
bis(2-Chloroethoxy) methane	ND	400	ug/kg	9.0
bis(2-Chloroethyl)-ether	ND	400	ug/kg	7.8
bis(2-Ethylhexyl) phthalate	ND	400	ug/kg	25
4-Bromophenyl phenyl ether	ND	400	ug/kg	20
Butyl benzyl phthalate	ND	400	ug/kg	8.9
Caprolactam	ND	400	ug/kg	100
Carbazole	**110 J**	**400**	**ug/kg**	**9.2**
4-Chloroaniline	ND	400	ug/kg	20
4-Chloro-3-methylphenol	ND	400	ug/kg	8.7
2-Chloronaphthalene	ND	400	ug/kg	8.5
2-Chlorophenol	ND	400	ug/kg	6.3
4-Chlorophenyl phenyl ether	ND	400	ug/kg	8.2
Chrysene	**18 J**	**400**	**ug/kg**	**7.8**
Dibenz(a,h)anthracene	ND	400	ug/kg	6.6
Dibenzofuran	**340 J**	**400**	**ug/kg**	**9.0**
3,3'-Dichlorobenzidine	ND	1900	ug/kg	9.9
2,4-Dichlorophenol	ND	400	ug/kg	7.6
Diethyl phthalate	ND	400	ug/kg	8.1
2,4-Dimethylphenol	ND	400	ug/kg	6.5
Dimethyl phthalate	ND	400	ug/kg	8.4

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The RETEC Group, Inc.

Client Sample ID: SB-18(10-11)

GC/MS Semivolatiles

Lot-Sample #...: C6K030390-004 Work Order #...: JHX641AL Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-butyl phthalate	ND	400	ug/kg	49
4,6-Dinitro-2-methylphenol	ND	1900	ug/kg	1000
2,4-Dinitrophenol	ND	1900	ug/kg	1000
2,4-Dinitrotoluene	ND	400	ug/kg	4.2
2,6-Dinitrotoluene	ND	400	ug/kg	5.7
Di-n-octyl phthalate	ND	400	ug/kg	9.3
Fluoranthene	**38 J**	**400**	**ug/kg**	**8.5**
Fluorene	**230 J**	**400**	**ug/kg**	**9.6**
Hexachlorobenzene	ND	400	ug/kg	8.1
Hexachlorobutadiene	ND	400	ug/kg	7.9
Hexachlorocyclopentadiene	ND	1900	ug/kg	32
Hexachloroethane	ND	400	ug/kg	7.7
Indeno(1,2,3-cd)pyrene	ND	400	ug/kg	8.0
Isophorone	ND	400	ug/kg	7.7
2-Methylnaphthalene	**160 J**	**400**	**ug/kg**	**9.8**
2-Methylphenol	ND	400	ug/kg	9.0
4-Methylphenol	ND	400	ug/kg	9.0
Naphthalene	**250 J**	**400**	**ug/kg**	**9.6**
2-Nitroaniline	ND	1900	ug/kg	5.0
3-Nitroaniline	ND	1900	ug/kg	200
4-Nitroaniline	ND	1900	ug/kg	5.6
Nitrobenzene	ND	400	ug/kg	13
2-Nitrophenol	ND	400	ug/kg	7.2
4-Nitrophenol	ND	1900	ug/kg	5.4
N-Nitrosodi-n-propylamine	ND	400	ug/kg	8.1
N-Nitrosodiphenylamine	ND	400	ug/kg	83
2,2'-oxybis(1-Chloropropane)	ND	400	ug/kg	5.8
Pentachlorophenol	ND	1900	ug/kg	550
Phenanthrene	**58 J**	**400**	**ug/kg**	**9.6**
Phenol	ND	400	ug/kg	8.3
Pyrene	**30 J**	**400**	**ug/kg**	**9.8**
2,4,5-Trichlorophenol	ND	400	ug/kg	23
2,4,6-Trichlorophenol	ND	400	ug/kg	6.9

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The RETEC Group, Inc.

Client Sample ID: SB-18(10-11)

GC/MS Semivolatiles

Lot-Sample #...: C6K030390-004 Work Order #...: JHX641AL Matrix.....: SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	62	(21 - 144)
2-Fluorobiphenyl	72	(26 - 128)
2-Fluorophenol	68	(34 - 115)
Nitrobenzene-d5	66	(30 - 118)
Phenol-d5	67	(35 - 117)
Terphenyl-d14	62	(40 - 115)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

The RETEC Group, Inc.

Client Sample ID: SB-18(10-11)

TOTAL Metals

Lot-Sample #...: C6K030390-004 Matrix.....: SO
Date Sampled...: 11/01/06 Date Received..: 11/03/06
% Moisture.....: 17

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 6318071						
Silver	ND	0.60	mg/kg	SW846 6010B	11/16-11/17/06	JHX641AM
		Dilution Factor: 1		Analysis Time..: 16:06	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.036	
Aluminum	4160 J	24.1	mg/kg	SW846 6010B	11/16-11/17/06	JHX641AN
		Dilution Factor: 1		Analysis Time..: 16:06	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.96	
Arsenic	3.8	1.2	mg/kg	SW846 6010B	11/16-11/17/06	JHX641AP
		Dilution Factor: 1		Analysis Time..: 16:06	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.40	
Barium	30.4	24.1	mg/kg	SW846 6010B	11/16-11/17/06	JHX641AQ
		Dilution Factor: 1		Analysis Time..: 16:06	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.12	
Beryllium	0.40 J	0.48	mg/kg	SW846 6010B	11/16-11/17/06	JHX641AR
		Dilution Factor: 1		Analysis Time..: 16:06	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.050	
Calcium	11600	602	mg/kg	SW846 6010B	11/16-11/17/06	JHX641AT
		Dilution Factor: 1		Analysis Time..: 16:06	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 4.8	
Cadmium	ND	0.60	mg/kg	SW846 6010B	11/16-11/17/06	JHX641AU
		Dilution Factor: 1		Analysis Time..: 16:06	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.084	
Cobalt	4.6 J	6.0	mg/kg	SW846 6010B	11/16-11/17/06	JHX641AV
		Dilution Factor: 1		Analysis Time..: 16:06	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.064	
Chromium	5.8	0.60	mg/kg	SW846 6010B	11/16-11/17/06	JHX641AW
		Dilution Factor: 1		Analysis Time..: 16:06	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.11	

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The RETEC Group, Inc.

Client Sample ID: SB-18(10-11)

TOTAL Metals

Lot-Sample #...: C6K030390-004 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Copper	9.3 J	3.0	mg/kg	SW846 6010B	11/16-11/17/06	JHX641AX
	Dilution Factor: 1	Analysis Time..: 16:06		Analyst ID.....: 402249		
	Instrument ID..: TRACEICP	MS Run #.....: 6318047		MDL.....: 0.14		
Iron	9740	12.0	mg/kg	SW846 6010B	11/16-11/17/06	JHX641A0
	Dilution Factor: 1	Analysis Time..: 16:06		Analyst ID.....: 402249		
	Instrument ID..: TRACEICP	MS Run #.....: 6318047		MDL.....: 2.2		
Potassium	~~593 B,J~~ 602 U	602	mg/kg	SW846 6010B	11/16-11/17/06	JHX641A1
	Dilution Factor: 1	Analysis Time..: 16:06		Analyst ID.....: 402249		
	Instrument ID..: TRACEICP	MS Run #.....: 6318047		MDL.....: 9.0		
Magnesium	3240	602	mg/kg	SW846 6010B	11/16-11/17/06	JHX641A2
	Dilution Factor: 1	Analysis Time..: 16:06		Analyst ID.....: 402249		
	Instrument ID..: TRACEICP	MS Run #.....: 6318047		MDL.....: 1.2		
Manganese	360 J-	1.8	mg/kg	SW846 6010B	11/16-11/17/06	JHX641A3
	Dilution Factor: 1	Analysis Time..: 16:06		Analyst ID.....: 402249		
	Instrument ID..: TRACEICP	MS Run #.....: 6318047		MDL.....: 0.014		
Sodium	284 B J	602	mg/kg	SW846 6010B	11/16-11/17/06	JHX641A4
	Dilution Factor: 1	Analysis Time..: 16:06		Analyst ID.....: 402249		
	Instrument ID..: TRACEICP	MS Run #.....: 6318047		MDL.....: 18.9		
Nickel	8.3	4.8	mg/kg	SW846 6010B	11/16-11/17/06	JHX641A5
	Dilution Factor: 1	Analysis Time..: 16:06		Analyst ID.....: 402249		
	Instrument ID..: TRACEICP	MS Run #.....: 6318047		MDL.....: 0.15		
Lead	4.9	0.36	mg/kg	SW846 6010B	11/16-11/17/06	JHX641A6
	Dilution Factor: 1	Analysis Time..: 16:06		Analyst ID.....: 402249		
	Instrument ID..: TRACEICP	MS Run #.....: 6318047		MDL.....: 0.19		
Selenium	0.38 B J	0.60	mg/kg	SW846 6010B	11/16-11/17/06	JHX641AA
	Dilution Factor: 1	Analysis Time..: 16:06		Analyst ID.....: 402249		
	Instrument ID..: TRACEICP	MS Run #.....: 6318047		MDL.....: 0.32		
Thallium	ND	1.2	mg/kg	SW846 6010B	11/16-11/17/06	JHX641AC
	Dilution Factor: 1	Analysis Time..: 16:06		Analyst ID.....: 402249		
	Instrument ID..: TRACEICP	MS Run #.....: 6318047		MDL.....: 0.55		

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The RETEC Group, Inc.

Client Sample ID: SB-18(10-11)

TOTAL Metals

Lot-Sample #...: C6K030390-004 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	ND UJ	1.2	mg/kg	SW846 6010B	11/16-11/17/06	JHX641AD
		Dilution Factor: 1		Analysis Time..: 16:06	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.39	
Vanadium	10.2	6.0	mg/kg	SW846 6010B	11/16-11/17/06	JHX641AE
		Dilution Factor: 1		Analysis Time..: 16:06	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.13	
Zinc	25.8 J	2.4	mg/kg	SW846 6010B	11/16-11/17/06	JHX641AF
		Dilution Factor: 1		Analysis Time..: 16:06	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.20	
Prep Batch #...: 6324025						
Mercury	0.034 ~~B~~ J	0.040	mg/kg	SW846 7471A	11/20/06	JHX641AG
		Dilution Factor: 1		Analysis Time..: 09:23	Analyst ID.....: 031043	
		Instrument ID..: HGHYDRA		MS Run #.....: 6324017	MDL.....: 0.0096	

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.

The RETEC Group, Inc.

Client Sample ID: SB-18(18.5-20)

GC/MS Volatiles

Lot-Sample #...:	C6K030390-005	**Work Order #...:**	JHX651AK	**Matrix.....:**	SO
Date Sampled...:	11/01/06	**Date Received..:**	11/03/06	**MS Run #.....:**	6310039
Prep Date.....:	11/06/06	**Analysis Date..:**	11/06/06		
Prep Batch #...:	6310052	**Analysis Time..:**	11:30		
Dilution Factor:	1	**Initial Wgt/Vol:**	5 g	**Final Wgt/Vol..:**	5 mL
% Moisture.....:	23	**Analyst ID.....:**	010099	**Instrument ID..:**	HP3
		Method.....:	SW846 8260B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	**67 J**	**26**	**ug/kg**	**6.5**
Benzene	ND	6.5	ug/kg	0.71
Bromodichloromethane	ND	6.5	ug/kg	0.33
Bromoform	ND	6.5	ug/kg	0.80
Bromomethane	ND	6.5	ug/kg	1.2
2-Butanone	**24**	**6.5**	**ug/kg**	**1.8**
Carbon disulfide	ND	6.5	ug/kg	0.47
Carbon tetrachloride	ND	6.5	ug/kg	0.33
Chlorobenzene	ND	6.5	ug/kg	1.1
Chloroethane	ND	6.5	ug/kg	1.2
Chloroform	ND	6.5	ug/kg	0.33
Chloromethane	ND	6.5	ug/kg	0.37
Cyclohexane	ND	6.5	ug/kg	0.49
Dibromochloromethane	ND	6.5	ug/kg	0.34
1,2-Dibromo-3-chloro-propane	ND	6.5	ug/kg	0.61
1,2-Dibromoethane	ND	6.5	ug/kg	0.35
1,3-Dichlorobenzene	ND	6.5	ug/kg	1.2
1,4-Dichlorobenzene	ND	6.5	ug/kg	0.89
1,2-Dichlorobenzene	ND	6.5	ug/kg	1.2
Dichlorodifluoromethane	ND	6.5	ug/kg	0.66
1,1-Dichloroethane	ND	6.5	ug/kg	0.37
1,2-Dichloroethane	ND	6.5	ug/kg	0.39
1,1-Dichloroethene	ND	6.5	ug/kg	0.77
cis-1,2-Dichloroethene	ND	6.5	ug/kg	0.97
trans-1,2-Dichloroethene	ND	6.5	ug/kg	0.85
1,2-Dichloropropane	ND	6.5	ug/kg	0.82
cis-1,3-Dichloropropene	ND	6.5	ug/kg	0.37
trans-1,3-Dichloropropene	ND	6.5	ug/kg	0.36
Ethylbenzene	ND	6.5	ug/kg	1.2
2-Hexanone	ND	6.5	ug/kg	1.1
Isopropylbenzene	ND	6.5	ug/kg	1.5
Methyl acetate	ND	6.5	ug/kg	3.3
Methylene chloride	~~5.1 J,B~~ 6.5 U	6.5	**ug/kg**	1.7
Methylcyclohexane	ND	6.5	ug/kg	1.0
4-Methyl-2-pentanone	ND	6.5	ug/kg	1.1
Methyl tert-butyl ether	ND	6.5	ug/kg	0.53

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The RETEC Group, Inc.

Client Sample ID: SB-18(18.5-20)

GC/MS Volatiles

Lot-Sample #...: C6K030390-005 **Work Order #...:** JHX651AK **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Styrene	ND	6.5	ug/kg	1.0
1,1,2,2-Tetrachloroethane	ND	6.5	ug/kg	0.59
1,2,4-Trichloro-benzene	ND	6.5	ug/kg	1.8
Tetrachloroethene	ND	6.5	ug/kg	1.0
1,1,1-Trichloroethane	ND	6.5	ug/kg	0.35
1,1,2-Trichloroethane	ND	6.5	ug/kg	0.88
Trichloroethene	ND	6.5	ug/kg	1.1
Trichlorofluoromethane	ND	6.5	ug/kg	1.6
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	6.5	ug/kg	0.45
Vinyl chloride	ND	6.5	ug/kg	0.86
Xylenes (total)	ND	20	ug/kg	3.6
Toluene	ND	6.5	ug/kg	0.77

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	78	(52 - 124)
Toluene-d8	104	(72 - 127)
4-Bromofluorobenzene	96	(63 - 120)
Dibromofluoromethane	91	(68 - 121)

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.

The RETEC Group, Inc.

Client Sample ID: SB-18(18.5-20)

GC/MS Semivolatiles

Lot-Sample #...:	C6K030390-005	**Work Order #...:**	JHX651AL	**Matrix.....:**	SO
Date Sampled...:	11/01/06 16:30	**Date Received..:**	11/03/06 09:40	**MS Run #.....:**	6312005
Prep Date.....:	11/08/06	**Analysis Date..:**	11/20/06		
Prep Batch #...:	6312013	**Analysis Time..:**	20:12		
Dilution Factor:	1	**Initial Wgt/Vol:**	15 g	**Final Wgt/Vol..:**	0.5 mL
% Moisture.....:	23	**Analyst ID.....:**	003200	**Instrument ID..:**	731
		Method.....:	SW846 8270C		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	430	ug/kg	9.5
Acenaphthylene	ND	430	ug/kg	9.1
Acetophenone	ND	430	ug/kg	110
Anthracene	ND	430	ug/kg	9.9
Atrazine	ND	430	ug/kg	110
Benzo(a)anthracene	ND	430	ug/kg	9.5
Benzo(a)pyrene	ND	430	ug/kg	7.3
Benzo(b)fluoranthene	ND	430	ug/kg	8.7
Benzo(ghi)perylene	ND	430	ug/kg	8.2
Benzo(k)fluoranthene	ND	430	ug/kg	8.5
Benzaldehyde	ND	430	ug/kg	96
1,1'-Biphenyl	ND	430	ug/kg	110
bis(2-Chloroethoxy) methane	ND	430	ug/kg	9.7
bis(2-Chloroethyl)-ether	ND	430	ug/kg	8.4
bis(2-Ethylhexyl) phthalate	ND	430	ug/kg	27
4-Bromophenyl phenyl ether	ND	430	ug/kg	22
Butyl benzyl phthalate	ND	430	ug/kg	9.6
Caprolactam	ND	430	ug/kg	110
Carbazole	ND	430	ug/kg	10
4-Chloroaniline	ND	430	ug/kg	22
4-Chloro-3-methylphenol	ND	430	ug/kg	9.4
2-Chloronaphthalene	ND	430	ug/kg	9.2
2-Chlorophenol	ND	430	ug/kg	6.8
4-Chlorophenyl phenyl ether	ND	430	ug/kg	8.9
Chrysene	ND	430	ug/kg	8.5
Dibenz(a,h)anthracene	ND	430	ug/kg	7.1
Dibenzofuran	ND	430	ug/kg	9.8
3,3'-Dichlorobenzidine	ND	2100	ug/kg	11
2,4-Dichlorophenol	ND	430	ug/kg	8.2
Diethyl phthalate	ND	430	ug/kg	8.8
2,4-Dimethylphenol	ND	430	ug/kg	7.0
Dimethyl phthalate	ND	430	ug/kg	9.1

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The RETEC Group, Inc.

Client Sample ID: SB-18(18.5-20)

GC/MS Semivolatiles

Lot-Sample #...: C6K030390-005 Work Order #...: JHX651AL Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-butyl phthalate	ND	430	ug/kg	53
4,6-Dinitro-2-methylphenol	ND	2100	ug/kg	1100
2,4-Dinitrophenol	ND	2100	ug/kg	1100
2,4-Dinitrotoluene	ND	430	ug/kg	4.5
2,6-Dinitrotoluene	ND	430	ug/kg	6.2
Di-n-octyl phthalate	ND	430	ug/kg	10
Fluoranthene	**15 J**	**430**	**ug/kg**	**9.2**
Fluorene	ND	430	ug/kg	10
Hexachlorobenzene	ND	430	ug/kg	8.7
Hexachlorobutadiene	ND	430	ug/kg	8.5
Hexachlorocyclopentadiene	ND	2100	ug/kg	35
Hexachloroethane	ND	430	ug/kg	8.3
Indeno(1,2,3-cd)pyrene	ND	430	ug/kg	8.6
Isophorone	ND	430	ug/kg	8.3
2-Methylnaphthalene	ND	430	ug/kg	11
2-Methylphenol	ND	430	ug/kg	9.7
4-Methylphenol	ND	430	ug/kg	9.7
Naphthalene	ND	430	ug/kg	10
2-Nitroaniline	ND	2100	ug/kg	5.4
3-Nitroaniline	ND	2100	ug/kg	220
4-Nitroaniline	ND	2100	ug/kg	6.1
Nitrobenzene	ND	430	ug/kg	14
2-Nitrophenol	ND	430	ug/kg	7.8
4-Nitrophenol	ND	2100	ug/kg	5.8
N-Nitrosodi-n-propylamine	ND	430	ug/kg	8.8
N-Nitrosodiphenylamine	ND	430	ug/kg	90
2,2'-oxybis(1-Chloropropane)	ND	430	ug/kg	6.3
Pentachlorophenol	ND	2100	ug/kg	600
Phenanthrene	ND	430	ug/kg	10
Phenol	ND	430	ug/kg	8.9
Pyrene	ND	430	ug/kg	11
2,4,5-Trichlorophenol	ND	430	ug/kg	25
2,4,6-Trichlorophenol	ND	430	ug/kg	7.4

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The RETEC Group, Inc.

Client Sample ID: SB-18(18.5-20)

GC/MS Semivolatiles

Lot-Sample #...: C6K030390-005 Work Order #...: JHX651AL Matrix.....: SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	43	(21 - 144)
2-Fluorobiphenyl	51	(26 - 128)
2-Fluorophenol	47	(34 - 115)
Nitrobenzene-d5	46	(30 - 118)
Phenol-d5	48	(35 - 117)
Terphenyl-d14	45	(40 - 115)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

The RETEC Group, Inc.

Client Sample ID: SB-18(18.5-20)

TOTAL Metals

Lot-Sample #...: C6K030390-005 Matrix.....: SO
Date Sampled...: 11/01/06 Date Received..: 11/03/06
% Moisture.....: 23

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 6318071						
Silver	ND	0.65	mg/kg	SW846 6010B	11/16-11/17/06	JHX651AM
		Dilution Factor: 1		Analysis Time..: 16:23	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.039	
Aluminum	4290 J	26.0	mg/kg	SW846 6010B	11/16-11/17/06	JHX651AN
		Dilution Factor: 1		Analysis Time..: 16:23	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 1.0	
Arsenic	7.9	1.3	mg/kg	SW846 6010B	11/16-11/17/06	JHX651AP
		Dilution Factor: 1		Analysis Time..: 16:23	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.43	
Barium	22.7 B J	26.0	mg/kg	SW846 6010B	11/16-11/17/06	JHX651AQ
		Dilution Factor: 1		Analysis Time..: 16:23	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.13	
Beryllium	0.40 B J	0.52	mg/kg	SW846 6010B	11/16-11/17/06	JHX651AR
		Dilution Factor: 1		Analysis Time..: 16:23	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.054	
Calcium	10600	651	mg/kg	SW846 6010B	11/16-11/17/06	JHX651AT
		Dilution Factor: 1		Analysis Time..: 16:23	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 5.1	
Cadmium	ND	0.65	mg/kg	SW846 6010B	11/16-11/17/06	JHX651AU
		Dilution Factor: 1		Analysis Time..: 16:23	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.091	
Cobalt	5.0 B J	6.5	mg/kg	SW846 6010B	11/16-11/17/06	JHX651AV
		Dilution Factor: 1		Analysis Time..: 16:23	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.069	
Chromium	6.5	0.65	mg/kg	SW846 6010B	11/16-11/17/06	JHX651AW
		Dilution Factor: 1		Analysis Time..: 16:23	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.12	

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The RETEC Group, Inc.

Client Sample ID: SB-18(18.5-20)

TOTAL Metals

Lot-Sample #...: C6K030390-005 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Copper	**10.3 J**	**3.3**	**mg/kg**	**SW846 6010B**	**11/16-11/17/06**	**JHX651AX**
		Dilution Factor: 1		Analysis Time..: 16:23	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.15	
Iron	**9660**	**13.0**	**mg/kg**	**SW846 6010B**	**11/16-11/17/06**	**JHX651A0**
		Dilution Factor: 1		Analysis Time..: 16:23	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 2.3	
Potassium	~~423 B,J~~ 651 U	**651**	**mg/kg**	**SW846 6010B**	**11/16-11/17/06**	**JHX651A1**
		Dilution Factor: 1		Analysis Time..: 16:23	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 9.8	
Magnesium	**4680**	**651**	**mg/kg**	**SW846 6010B**	**11/16-11/17/06**	**JHX651A2**
		Dilution Factor: 1		Analysis Time..: 16:23	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 1.3	
Manganese	**211 J-**	**2.0**	**mg/kg**	**SW846 6010B**	**11/16-11/17/06**	**JHX651A3**
		Dilution Factor: 1		Analysis Time..: 16:23	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.015	
Sodium	**105 J**	**651**	**mg/kg**	**SW846 6010B**	**11/16-11/17/06**	**JHX651A4**
		Dilution Factor: 1		Analysis Time..: 16:23	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 20.4	
Nickel	**9.3**	**5.2**	**mg/kg**	**SW846 6010B**	**11/16-11/17/06**	**JHX651A5**
		Dilution Factor: 1		Analysis Time..: 16:23	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.16	
Lead	**4.1**	**0.39**	**mg/kg**	**SW846 6010B**	**11/16-11/17/06**	**JHX651A6**
		Dilution Factor: 1		Analysis Time..: 16:23	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.21	
Selenium	**0.41 J**	**0.65**	**mg/kg**	**SW846 6010B**	**11/16-11/17/06**	**JHX651AA**
		Dilution Factor: 1		Analysis Time..: 16:23	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.34	
Thallium	ND	1.3	mg/kg	SW846 6010B	11/16-11/17/06	JHX651AC
		Dilution Factor: 1		Analysis Time..: 16:23	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.59	

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The RETEC Group, Inc.

Client Sample ID: SB-18(18.5-20)

TOTAL Metals

Lot-Sample #...: C6K030390-005 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	ND UJ	1.3	mg/kg	SW846 6010B	11/16-11/17/06	JHX651AD
		Dilution Factor: 1		Analysis Time..: 16:23	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.42	
Vanadium	10.1	6.5	mg/kg	SW846 6010B	11/16-11/17/06	JHX651AE
		Dilution Factor: 1		Analysis Time..: 16:23	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.14	
Zinc	28.9 J	2.6	mg/kg	SW846 6010B	11/16-11/17/06	JHX651AF
		Dilution Factor: 1		Analysis Time..: 16:23	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.22	
Prep Batch #...: 6324025						
Mercury	0.016 ~~B~~ J	0.043	mg/kg	SW846 7471A	11/20/06	JHX651AG
		Dilution Factor: 1		Analysis Time..: 09:25	Analyst ID.....: 031043	
		Instrument ID..: HGHYDRA		MS Run #.....: 6324017	MDL.....: 0.010	

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.

The RETEC Group, Inc.

Client Sample ID: SB-19(23-24.5)

GC/MS Volatiles

Lot-Sample #...:	C6K030390-009	**Work Order #...:**	JHX7M1AK	**Matrix.....:**	SO
Date Sampled...:	11/01/06	**Date Received..:**	11/03/06	**MS Run #.....:**	6310039
Prep Date.....:	11/06/06	**Analysis Date..:**	11/06/06		
Prep Batch #...:	6310052	**Analysis Time..:**	07:31		
Dilution Factor:	1	**Initial Wgt/Vol:**	5 g	**Final Wgt/Vol..:**	5 mL
% Moisture.....:	37	**Analyst ID.....:**	010099	**Instrument ID..:**	HP3
		Method.....:	SW846 8260B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND UJ	32	ug/kg	7.9
Benzene	ND	7.9	ug/kg	0.86
Bromodichloromethane	ND	7.9	ug/kg	0.39
Bromoform	ND	7.9	ug/kg	0.97
Bromomethane	ND	7.9	ug/kg	1.5
2-Butanone	ND	7.9	ug/kg	2.2
Carbon disulfide	ND	7.9	ug/kg	0.57
Carbon tetrachloride	ND	7.9	ug/kg	0.39
Chlorobenzene	ND	7.9	ug/kg	1.3
Chloroethane	ND	7.9	ug/kg	1.5
Chloroform	ND	7.9	ug/kg	0.39
Chloromethane	ND	7.9	ug/kg	0.45
Cyclohexane	ND	7.9	ug/kg	0.60
Dibromochloromethane	ND	7.9	ug/kg	0.41
1,2-Dibromo-3-chloro-propane	ND	7.9	ug/kg	0.74
1,2-Dibromoethane	ND	7.9	ug/kg	0.42
1,3-Dichlorobenzene	ND	7.9	ug/kg	1.4
1,4-Dichlorobenzene	ND	7.9	ug/kg	1.1
1,2-Dichlorobenzene	ND	7.9	ug/kg	1.5
Dichlorodifluoromethane	ND	7.9	ug/kg	0.80
1,1-Dichloroethane	ND	7.9	ug/kg	0.45
1,2-Dichloroethane	ND	7.9	ug/kg	0.48
1,1-Dichloroethene	ND	7.9	ug/kg	0.93
cis-1,2-Dichloroethene	ND	7.9	ug/kg	1.2
trans-1,2-Dichloroethene	ND	7.9	ug/kg	1.0
1,2-Dichloropropane	ND	7.9	ug/kg	0.99
cis-1,3-Dichloropropene	ND	7.9	ug/kg	0.45
trans-1,3-Dichloropropene	ND	7.9	ug/kg	0.44
Ethylbenzene	ND	7.9	ug/kg	1.5
2-Hexanone	ND	7.9	ug/kg	1.3
Isopropylbenzene	ND	7.9	ug/kg	1.8
Methyl acetate	ND	7.9	ug/kg	3.9
Methylene chloride	~~5.8 J,B~~ 7.9U	7.9	**ug/kg**	2.1
Methylcyclohexane	ND	7.9	ug/kg	1.2
4-Methyl-2-pentanone	ND	7.9	ug/kg	1.3
Methyl tert-butyl ether	ND	7.9	ug/kg	0.65

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The RETEC Group, Inc.

Client Sample ID: SB-19(23-24.5)

GC/MS Volatiles

Lot-Sample #...: C6K030390-009 Work Order #...: JHX7M1AK Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Styrene	ND	7.9	ug/kg	1.3
1,1,2,2-Tetrachloroethane	ND	7.9	ug/kg	0.71
1,2,4-Trichloro-benzene	ND	7.9	ug/kg	2.2
Tetrachloroethene	ND	7.9	ug/kg	1.2
1,1,1-Trichloroethane	ND	7.9	ug/kg	0.43
1,1,2-Trichloroethane	ND	7.9	ug/kg	1.1
Trichloroethene	ND	7.9	ug/kg	1.4
Trichlorofluoromethane	ND	7.9	ug/kg	1.9
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	7.9	ug/kg	0.55
Vinyl chloride	ND	7.9	ug/kg	1.0
Xylenes (total)	ND	24	ug/kg	4.3
Toluene	ND	7.9	ug/kg	0.93

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	75	(52 - 124)
Toluene-d8	111	(72 - 127)
4-Bromofluorobenzene	97	(63 - 120)
Dibromofluoromethane	92	(68 - 121)

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.

The RETEC Group, Inc.

Client Sample ID: SB-19(23-24.5)

GC/MS Semivolatiles

Lot-Sample #...:	C6K030390-009	**Work Order #...:**	JHX7M1AL	**Matrix.....:**	SO
Date Sampled...:	11/01/06 12:00	**Date Received..:**	11/03/06 09:40	**MS Run #.....:**	6312005
Prep Date.....:	11/08/06	**Analysis Date..:**	11/20/06		
Prep Batch #...:	6312013	**Analysis Time..:**	23:00		
Dilution Factor:	1	**Initial Wgt/Vol:**	15 g	**Final Wgt/Vol..:**	0.5 mL
% Moisture.....:	37	**Analyst ID.....:**	003200	**Instrument ID..:**	731
		Method.....:	SW846 8270C		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	520	ug/kg	11
Acenaphthylene	ND	520	ug/kg	11
Acetophenone	ND	520	ug/kg	130
Anthracene	ND	520	ug/kg	12
Atrazine	ND	520	ug/kg	130
Benzo(a)anthracene	ND	520	ug/kg	12
Benzo(a)pyrene	ND	520	ug/kg	8.8
Benzo(b)fluoranthene	ND	520	ug/kg	11
Benzo(ghi)perylene	ND	520	ug/kg	10
Benzo(k)fluoranthene	ND	520	ug/kg	10
Benzaldehyde	ND	520	ug/kg	120
1,1'-Biphenyl	ND	520	ug/kg	130
bis(2-Chloroethoxy) methane	ND	520	ug/kg	12
bis(2-Chloroethyl)-ether	ND	520	ug/kg	10
bis(2-Ethylhexyl) phthalate	ND	520	ug/kg	33
4-Bromophenyl phenyl ether	ND	520	ug/kg	26
Butyl benzyl phthalate	ND	520	ug/kg	12
Caprolactam	ND	520	ug/kg	130
Carbazole	ND	520	ug/kg	12
4-Chloroaniline	ND	520	ug/kg	26
4-Chloro-3-methylphenol	ND	520	ug/kg	11
2-Chloronaphthalene	ND	520	ug/kg	11
2-Chlorophenol	ND	520	ug/kg	8.3
4-Chlorophenyl phenyl ether	ND	520	ug/kg	11
Chrysene	ND	520	ug/kg	10
Dibenz(a,h)anthracene	ND	520	ug/kg	8.6
Dibenzofuran	**12 J**	**520**	**ug/kg**	**12**
3,3'-Dichlorobenzidine	ND	2500	ug/kg	13
2,4-Dichlorophenol	ND	520	ug/kg	9.9
Diethyl phthalate	ND	520	ug/kg	11
2,4-Dimethylphenol	ND	520	ug/kg	8.5
Dimethyl phthalate	ND	520	ug/kg	11

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The RETEC Group, Inc.

Client Sample ID: SB-19(23-24.5)

GC/MS Semivolatiles

Lot-Sample #...: C6K030390-009 Work Order #...: JHX7M1AL Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-butyl phthalate	ND	520	ug/kg	64
4,6-Dinitro-2-methylphenol	ND	2500	ug/kg	1300
2,4-Dinitrophenol	ND	2500	ug/kg	1300
2,4-Dinitrotoluene	ND	520	ug/kg	5.5
2,6-Dinitrotoluene	ND	520	ug/kg	7.5
Di-n-octyl phthalate	ND	520	ug/kg	12
Fluoranthene	**17 J**	**520**	**ug/kg**	**11**
Fluorene	ND	520	ug/kg	13
Hexachlorobenzene	ND	520	ug/kg	11
Hexachlorobutadiene	ND	520	ug/kg	10
Hexachlorocyclopentadiene	ND	2500	ug/kg	42
Hexachloroethane	ND	520	ug/kg	10
Indeno(1,2,3-cd)pyrene	ND	520	ug/kg	10
Isophorone	ND	520	ug/kg	10
2-Methylnaphthalene	**24 J**	**520**	**ug/kg**	**13**
2-Methylphenol	ND	520	ug/kg	12
4-Methylphenol	ND	520	ug/kg	12
Naphthalene	**150 J**	**520**	**ug/kg**	**13**
2-Nitroaniline	ND	2500	ug/kg	6.5
3-Nitroaniline	ND	2500	ug/kg	260
4-Nitroaniline	ND	2500	ug/kg	7.4
Nitrobenzene	ND	520	ug/kg	17
2-Nitrophenol	ND	520	ug/kg	9.5
4-Nitrophenol	ND	2500	ug/kg	7.1
N-Nitrosodi-n-propylamine	ND	520	ug/kg	11
N-Nitrosodiphenylamine	ND	520	ug/kg	110
2,2'-oxybis(1-Chloropropane)	ND	520	ug/kg	7.6
Pentachlorophenol	ND	2500	ug/kg	720
Phenanthrene	**35 J**	**520**	**ug/kg**	**13**
Phenol	ND	520	ug/kg	11
Pyrene	ND	520	ug/kg	13
2,4,5-Trichlorophenol	ND	520	ug/kg	30
2,4,6-Trichlorophenol	ND	520	ug/kg	9.0

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The RETEC Group, Inc.

Client Sample ID: SB-19(23-24.5)

GC/MS Semivolatiles

Lot-Sample #...: C6K030390-009 Work Order #...: JHX7M1AL Matrix.....: SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	64	(21 - 144)
2-Fluorobiphenyl	69	(26 - 128)
2-Fluorophenol	67	(34 - 115)
Nitrobenzene-d5	63	(30 - 118)
Phenol-d5	68	(35 - 117)
Terphenyl-d14	61	(40 - 115)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

The RETEC Group, Inc.

Client Sample ID: SB-19(23-24.5)

TOTAL Metals

Lot-Sample #...: C6K030390-009 Matrix.....: SO
Date Sampled...: 11/01/06 Date Received..: 11/03/06
% Moisture.....: 37

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 6318071						
Silver	ND	0.79	mg/kg	SW846 6010B	11/16-11/17/06	JHX7M1AM
		Dilution Factor: 1		Analysis Time..: 17:02	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.047	
Aluminum	8970 J	31.6	mg/kg	SW846 6010B	11/16-11/17/06	JHX7M1AN
		Dilution Factor: 1		Analysis Time..: 17:02	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 1.3	
Arsenic	5.6	1.6	mg/kg	SW846 6010B	11/16-11/17/06	JHX7M1AP
		Dilution Factor: 1		Analysis Time..: 17:02	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.52	
Barium	62.1	31.6	mg/kg	SW846 6010B	11/16-11/17/06	JHX7M1AQ
		Dilution Factor: 1		Analysis Time..: 17:02	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.16	
Beryllium	0.86	0.63	mg/kg	SW846 6010B	11/16-11/17/06	JHX7M1AR
		Dilution Factor: 1		Analysis Time..: 17:02	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.066	
Calcium	26700	790	mg/kg	SW846 6010B	11/16-11/17/06	JHX7M1AT
		Dilution Factor: 1		Analysis Time..: 17:02	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 6.2	
Cadmium	ND	0.79	mg/kg	SW846 6010B	11/16-11/17/06	JHX7M1AU
		Dilution Factor: 1		Analysis Time..: 17:02	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.11	
Cobalt	8.7	7.9	mg/kg	SW846 6010B	11/16-11/17/06	JHX7M1AV
		Dilution Factor: 1		Analysis Time..: 17:02	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.083	
Chromium	13.5	0.79	mg/kg	SW846 6010B	11/16-11/17/06	JHX7M1AW
		Dilution Factor: 1		Analysis Time..: 17:02	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.15	

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The RETEC Group, Inc.

Client Sample ID: SB-19(23-24.5)

TOTAL Metals

Lot-Sample #...: C6K030390-009 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Copper	20.4 ~~B~~	3.9	mg/kg	SW846 6010B	11/16-11/17/06	JHX7M1AX
	Dilution Factor: 1	Analysis Time..: 17:02		Analyst ID.....: 402249		
	Instrument ID..: TRACEICP	MS Run #.....: 6318047		MDL.....: 0.18		
Iron	22700	15.8	mg/kg	SW846 6010B	11/16-11/17/06	JHX7M1A0
	Dilution Factor: 1	Analysis Time..: 17:02		Analyst ID.....: 402249		
	Instrument ID..: TRACEICP	MS Run #.....: 6318047		MDL.....: 2.8		
Potassium	1020 ~~B~~	790	mg/kg	SW846 6010B	11/16-11/17/06	JHX7M1A1
	Dilution Factor: 1	Analysis Time..: 17:02		Analyst ID.....: 402249		
	Instrument ID..: TRACEICP	MS Run #.....: 6318047		MDL.....: 11.8		
Magnesium	5340	790	mg/kg	SW846 6010B	11/16-11/17/06	JHX7M1A2
	Dilution Factor: 1	Analysis Time..: 17:02		Analyst ID.....: 402249		
	Instrument ID..: TRACEICP	MS Run #.....: 6318047		MDL.....: 1.6		
Manganese	264 J-	2.4	mg/kg	SW846 6010B	11/16-11/17/06	JHX7M1A3
	Dilution Factor: 1	Analysis Time..: 17:02		Analyst ID.....: 402249		
	Instrument ID..: TRACEICP	MS Run #.....: 6318047		MDL.....: 0.018		
Sodium	128 ~~B~~ J	790	mg/kg	SW846 6010B	11/16-11/17/06	JHX7M1A4
	Dilution Factor: 1	Analysis Time..: 17:02		Analyst ID.....: 402249		
	Instrument ID..: TRACEICP	MS Run #.....: 6318047		MDL.....: 24.7		
Nickel	19.9	6.3	mg/kg	SW846 6010B	11/16-11/17/06	JHX7M1A5
	Dilution Factor: 1	Analysis Time..: 17:02		Analyst ID.....: 402249		
	Instrument ID..: TRACEICP	MS Run #.....: 6318047		MDL.....: 0.19		
Lead	8.9	0.47	mg/kg	SW846 6010B	11/16-11/17/06	JHX7M1A6
	Dilution Factor: 1	Analysis Time..: 17:02		Analyst ID.....: 402249		
	Instrument ID..: TRACEICP	MS Run #.....: 6318047		MDL.....: 0.25		
Selenium	1.3	0.79	mg/kg	SW846 6010B	11/16-11/17/06	JHX7M1AA
	Dilution Factor: 1	Analysis Time..: 17:02		Analyst ID.....: 402249		
	Instrument ID..: TRACEICP	MS Run #.....: 6318047		MDL.....: 0.41		
Thallium	ND	1.6	mg/kg	SW846 6010B	11/16-11/17/06	JHX7M1AC
	Dilution Factor: 1	Analysis Time..: 17:02		Analyst ID.....: 402249		
	Instrument ID..: TRACEICP	MS Run #.....: 6318047		MDL.....: 0.72		

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The RETEC Group, Inc.

Client Sample ID: SB-19(23-24.5)

TOTAL Metals

Lot-Sample #...: C6K030390-009 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	ND UJ	1.6	mg/kg	SW846 6010B	11/16-11/17/06	JHX7M1AD
		Dilution Factor: 1		Analysis Time..: 17:02	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.50	
Vanadium	19.7	7.9	mg/kg	SW846 6010B	11/16-11/17/06	JHX7M1AE
		Dilution Factor: 1		Analysis Time..: 17:02	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.16	
Zinc	57.6 J	3.2	mg/kg	SW846 6010B	11/16-11/17/06	JHX7M1AF
		Dilution Factor: 1		Analysis Time..: 17:02	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.27	
Prep Batch #...: 6324025						
Mercury	0.029 BJ	0.052	mg/kg	SW846 7471A	11/20/06	JHX7M1AG
		Dilution Factor: 1		Analysis Time..: 09:39	Analyst ID.....: 031043	
		Instrument ID..: HGHYDRA		MS Run #.....: 6324017	MDL.....: 0.013	

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.

The RETEC Group, Inc.

Client Sample ID: SB-20(16.5-18)

GC/MS Volatiles

Lot-Sample #...: C6K030390-012	**Work Order #...:** JHX7V1AK	**Matrix.....:** SO
Date Sampled...: 11/02/06	**Date Received..:** 11/03/06	**MS Run #.....:** 6310039
Prep Date.....: 11/06/06	**Analysis Date..:** 11/06/06	
Prep Batch #...: 6310052	**Analysis Time..:** 09:31	
Dilution Factor: 1	**Initial Wgt/Vol:** 5 g	**Final Wgt/Vol..:** 5 mL
% Moisture.....: 24	**Analyst ID.....:** 010099	**Instrument ID..:** HP3
	Method.....: SW846 8260B	

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND UJ	26	ug/kg	6.6
Benzene	**1.5 J**	**6.6**	**ug/kg**	**0.72**
Bromodichloromethane	ND	6.6	ug/kg	0.33
Bromoform	ND	6.6	ug/kg	0.81
Bromomethane	ND	6.6	ug/kg	1.2
2-Butanone	ND	6.6	ug/kg	1.8
Carbon disulfide	ND	6.6	ug/kg	0.48
Carbon tetrachloride	ND	6.6	ug/kg	0.33
Chlorobenzene	ND	6.6	ug/kg	1.1
Chloroethane	ND	6.6	ug/kg	1.2
Chloroform	ND	6.6	ug/kg	0.33
Chloromethane	ND	6.6	ug/kg	0.38
Cyclohexane	ND	6.6	ug/kg	0.50
Dibromochloromethane	ND	6.6	ug/kg	0.34
1,2-Dibromo-3-chloro-propane	ND	6.6	ug/kg	0.61
1,2-Dibromoethane	ND	6.6	ug/kg	0.35
1,3-Dichlorobenzene	ND	6.6	ug/kg	1.2
1,4-Dichlorobenzene	ND	6.6	ug/kg	0.90
1,2-Dichlorobenzene	ND	6.6	ug/kg	1.2
Dichlorodifluoromethane	ND	6.6	ug/kg	0.67
1,1-Dichloroethane	ND	6.6	ug/kg	0.38
1,2-Dichloroethane	ND	6.6	ug/kg	0.40
1,1-Dichloroethene	ND	6.6	ug/kg	0.78
cis-1,2-Dichloroethene	ND	6.6	ug/kg	0.98
trans-1,2-Dichloroethene	ND	6.6	ug/kg	0.86
1,2-Dichloropropane	ND	6.6	ug/kg	0.83
cis-1,3-Dichloropropene	ND	6.6	ug/kg	0.38
trans-1,3-Dichloropropene	ND	6.6	ug/kg	0.36
Ethylbenzene	**64**	**6.6**	**ug/kg**	**1.2**
2-Hexanone	ND	6.6	ug/kg	1.1
Isopropylbenzene	**1.6 J**	**6.6**	**ug/kg**	**1.5**
Methyl acetate	ND	6.6	ug/kg	3.3
Methylene chloride	~~4.1 J,B~~ 6.6U	**6.6**	**ug/kg**	**1.7**
Methylcyclohexane	ND	6.6	ug/kg	1.0
4-Methyl-2-pentanone	ND	6.6	ug/kg	1.1
Methyl tert-butyl ether	ND	6.6	ug/kg	0.54

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The RETEC Group, Inc.

Client Sample ID: SB-20(16.5-18)

GC/MS Volatiles

Lot-Sample #...: C6K030390-012 **Work Order #...:** JHX7V1AK **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Styrene	ND	6.6	ug/kg	1.1
1,1,2,2-Tetrachloroethane	ND	6.6	ug/kg	0.59
1,2,4-Trichloro-benzene	ND	6.6	ug/kg	1.8
Tetrachloroethene	ND	6.6	ug/kg	1.0
1,1,1-Trichloroethane	ND	6.6	ug/kg	0.36
1,1,2-Trichloroethane	ND	6.6	ug/kg	0.89
Trichloroethene	ND	6.6	ug/kg	1.1
Trichlorofluoromethane	ND	6.6	ug/kg	1.6
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	6.6	ug/kg	0.46
Vinyl chloride	ND	6.6	ug/kg	0.87
Xylenes (total)	**90**	**20**	**ug/kg**	**3.6**
Toluene	ND	6.6	ug/kg	0.78

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	79	(52 - 124)
Toluene-d8	102	(72 - 127)
4-Bromofluorobenzene	95	(63 - 120)
Dibromofluoromethane	91	(68 - 121)

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.

The RETEC Group, Inc.

Client Sample ID: SB-20(16.5-18)

GC/MS Semivolatiles

Lot-Sample #...: C6K030390-012	Work Order #...: JHX7V1AL	Matrix.....: SO
Date Sampled...: 11/02/06 13:15	Date Received..: 11/03/06 09:40	MS Run #.....: 6312005
Prep Date.....: 11/08/06	Analysis Date..: 11/21/06	
Prep Batch #...: 6312013	Analysis Time..: 12:36	
Dilution Factor: 1	Initial Wgt/Vol: 15 g	Final Wgt/Vol..: 0.5 mL
% Moisture.....: 24	Analyst ID.....: 003200	Instrument ID..: 731
	Method.....: SW846 8270C	

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	**18 J**	**430**	**ug/kg**	**9.6**
Acenaphthylene	ND	430	ug/kg	9.2
Acetophenone	ND	430	ug/kg	110
Anthracene	**19 J**	**430**	**ug/kg**	**10**
Atrazine	ND	430	ug/kg	110
Benzo(a)anthracene	**31 J**	**430**	**ug/kg**	**9.6**
Benzo(a)pyrene	**30 J**	**430**	**ug/kg**	**7.4**
Benzo(b)fluoranthene	**33 J**	**430**	**ug/kg**	**8.8**
Benzo(ghi)perylene	**16 J**	**430**	**ug/kg**	**8.3**
Benzo(k)fluoranthene	**13 J**	**430**	**ug/kg**	**8.6**
Benzaldehyde	ND	430	ug/kg	98
1,1'-Biphenyl	ND	430	ug/kg	110
bis(2-Chloroethoxy) methane	ND	430	ug/kg	9.8
bis(2-Chloroethyl)-ether	ND	430	ug/kg	8.5
bis(2-Ethylhexyl) phthalate	ND	430	ug/kg	27
4-Bromophenyl phenyl ether	ND	430	ug/kg	22
Butyl benzyl phthalate	ND	430	ug/kg	9.7
Caprolactam	ND	430	ug/kg	110
Carbazole	ND	430	ug/kg	10
4-Chloroaniline	ND	430	ug/kg	22
4-Chloro-3-methylphenol	ND	430	ug/kg	9.6
2-Chloronaphthalene	ND	430	ug/kg	9.3
2-Chlorophenol	ND	430	ug/kg	6.9
4-Chlorophenyl phenyl ether	ND	430	ug/kg	9.0
Chrysene	**28 J**	**430**	**ug/kg**	**8.6**
Dibenz(a,h)anthracene	ND	430	ug/kg	7.2
Dibenzofuran	**10 J**	**430**	**ug/kg**	**9.9**
3,3'-Dichlorobenzidine	ND	2100	ug/kg	11
2,4-Dichlorophenol	ND	430	ug/kg	8.3
Diethyl phthalate	ND	430	ug/kg	8.9
2,4-Dimethylphenol	ND	430	ug/kg	7.1
Dimethyl phthalate	ND	430	ug/kg	9.2

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The RETEC Group, Inc.

Client Sample ID: SB-20(16.5-18)

GC/MS Semivolatiles

Lot-Sample #...: C6K030390-012 Work Order #...: JHX7V1AL Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-butyl phthalate	ND	430	ug/kg	54
4,6-Dinitro-2-methylphenol	ND	2100	ug/kg	1100
2,4-Dinitrophenol	ND	2100	ug/kg	1100
2,4-Dinitrotoluene	ND	430	ug/kg	4.6
2,6-Dinitrotoluene	ND	430	ug/kg	6.3
Di-n-octyl phthalate	ND	430	ug/kg	10
Fluoranthene	**47 J**	**430**	**ug/kg**	**9.3**
Fluorene	ND	430	ug/kg	10
Hexachlorobenzene	ND	430	ug/kg	8.8
Hexachlorobutadiene	ND	430	ug/kg	8.6
Hexachlorocyclopentadiene	ND	2100	ug/kg	35
Hexachloroethane	ND	430	ug/kg	8.4
Indeno(1,2,3-cd)pyrene	**14 J**	**430**	**ug/kg**	**8.8**
Isophorone	ND	430	ug/kg	8.4
2-Methylnaphthalene	**23 J**	**430**	**ug/kg**	**11**
2-Methylphenol	ND	430	ug/kg	9.8
4-Methylphenol	ND	430	ug/kg	9.8
Naphthalene	**100 J**	**430**	**ug/kg**	**10**
2-Nitroaniline	ND	2100	ug/kg	5.4
3-Nitroaniline	ND	2100	ug/kg	220
4-Nitroaniline	ND	2100	ug/kg	6.1
Nitrobenzene	ND	430	ug/kg	14
2-Nitrophenol	ND	430	ug/kg	7.9
4-Nitrophenol	ND	2100	ug/kg	5.9
N-Nitrosodi-n-propylamine	ND	430	ug/kg	8.9
N-Nitrosodiphenylamine	ND	430	ug/kg	91
2,2'-oxybis(1-Chloropropane)	ND	430	ug/kg	6.4
Pentachlorophenol	ND	2100	ug/kg	600
Phenanthrene	**60 J**	**430**	**ug/kg**	**10**
Phenol	ND	430	ug/kg	9.0
Pyrene	**38 J**	**430**	**ug/kg**	**11**
2,4,5-Trichlorophenol	ND	430	ug/kg	25
2,4,6-Trichlorophenol	ND	430	ug/kg	7.5

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The RETEC Group, Inc.

Client Sample ID: SB-20(16.5-18)

GC/MS Semivolatiles

Lot-Sample #...: C6K030390-012 Work Order #...: JHX7V1AL Matrix.....: SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	60	(21 - 144)
2-Fluorobiphenyl	62	(26 - 128)
2-Fluorophenol	56	(34 - 115)
Nitrobenzene-d5	53	(30 - 118)
Phenol-d5	58	(35 - 117)
Terphenyl-d14	59	(40 - 115)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

The RETEC Group, Inc.

Client Sample ID: SB-20(16.5-18)

TOTAL Metals

Lot-Sample #...: C6K030390-012 Matrix.....: SO
Date Sampled...: 11/02/06 Date Received..: 11/03/06
% Moisture.....: 24

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 6318071						
Silver	ND	0.66	mg/kg	SW846 6010B	11/16-11/17/06	JHX7V1AM
		Dilution Factor: 1		Analysis Time..: 17:29	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.039	
Aluminum	9480 J	26.4	mg/kg	SW846 6010B	11/16-11/17/06	JHX7V1AN
		Dilution Factor: 1		Analysis Time..: 17:29	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 1.1	
Arsenic	1.5	1.3	mg/kg	SW846 6010B	11/16-11/17/06	JHX7V1AP
		Dilution Factor: 1		Analysis Time..: 17:29	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.43	
Barium	78.7	26.4	mg/kg	SW846 6010B	11/16-11/17/06	JHX7V1AQ
		Dilution Factor: 1		Analysis Time..: 17:29	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.13	
Beryllium	0.93	0.53	mg/kg	SW846 6010B	11/16-11/17/06	JHX7V1AR
		Dilution Factor: 1		Analysis Time..: 17:29	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.055	
Calcium	2430	659	mg/kg	SW846 6010B	11/16-11/17/06	JHX7V1AT
		Dilution Factor: 1		Analysis Time..: 17:29	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 5.2	
Cadmium	ND	0.66	mg/kg	SW846 6010B	11/16-11/17/06	JHX7V1AU
		Dilution Factor: 1		Analysis Time..: 17:29	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.092	
Cobalt	8.7	6.6	mg/kg	SW846 6010B	11/16-11/17/06	JHX7V1AV
		Dilution Factor: 1		Analysis Time..: 17:29	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.070	
Chromium	14.3	0.66	mg/kg	SW846 6010B	11/16-11/17/06	JHX7V1AW
		Dilution Factor: 1		Analysis Time..: 17:29	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.12	

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The RETEC Group, Inc.

Client Sample ID: SB-20(16.5-18)

TOTAL Metals

Lot-Sample #...: C6K030390-012 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Copper	19.5 ~~J~~	3.3	mg/kg	SW846 6010B	11/16-11/17/06	JHX7V1AX
		Dilution Factor: 1		Analysis Time..: 17:29	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.15	
Iron	17100	13.2	mg/kg	SW846 6010B	11/16-11/17/06	JHX7V1A0
		Dilution Factor: 1		Analysis Time..: 17:29	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 2.4	
Potassium	~~623 B,J~~ 659U	659	mg/kg	SW846 6010B	11/16-11/17/06	JHX7V1A1
		Dilution Factor: 1		Analysis Time..: 17:29	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 9.9	
Magnesium	3470	659	mg/kg	SW846 6010B	11/16-11/17/06	JHX7V1A2
		Dilution Factor: 1		Analysis Time..: 17:29	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 1.3	
Manganese	133 J-	2.0	mg/kg	SW846 6010B	11/16-11/17/06	JHX7V1A3
		Dilution Factor: 1		Analysis Time..: 17:29	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.015	
Sodium	166 ~~J~~ J	659	mg/kg	SW846 6010B	11/16-11/17/06	JHX7V1A4
		Dilution Factor: 1		Analysis Time..: 17:29	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 20.6	
Nickel	23.0	5.3	mg/kg	SW846 6010B	11/16-11/17/06	JHX7V1A5
		Dilution Factor: 1		Analysis Time..: 17:29	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.16	
Lead	10.4	0.40	mg/kg	SW846 6010B	11/16-11/17/06	JHX7V1A6
		Dilution Factor: 1		Analysis Time..: 17:29	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.21	
Selenium	1.2	0.66	mg/kg	SW846 6010B	11/16-11/17/06	JHX7V1AA
		Dilution Factor: 1		Analysis Time..: 17:29	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.34	
Thallium	ND	1.3	mg/kg	SW846 6010B	11/16-11/17/06	JHX7V1AC
		Dilution Factor: 1		Analysis Time..: 17:29	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.60	

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The RETEC Group, Inc.

Client Sample ID: SB-20(16.5-18)

TOTAL Metals

Lot-Sample #...: C6K030390-012 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	ND UJ	1.3	mg/kg	SW846 6010B	11/16-11/17/06	JHX7V1AD
		Dilution Factor: 1		Analysis Time..: 17:29	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.42	
Vanadium	20.4	6.6	mg/kg	SW846 6010B	11/16-11/17/06	JHX7V1AE
		Dilution Factor: 1		Analysis Time..: 17:29	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.14	
Zinc	59.7 J	2.6	mg/kg	SW846 6010B	11/16-11/17/06	JHX7V1AF
		Dilution Factor: 1		Analysis Time..: 17:29	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.22	
Prep Batch #...: 6324025						
Mercury	0.040 B J	0.043	mg/kg	SW846 7471A	11/20/06	JHX7V1AG
		Dilution Factor: 1		Analysis Time..: 09:44	Analyst ID.....: 031043	
		Instrument ID..: HGHYDRA		MS Run #.....: 6324017	MDL.....: 0.011	

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.

The RETEC Group, Inc.

Client Sample ID: SB-20(30-32.5)

GC/MS Volatiles

Lot-Sample #...: C6K030390-010	**Work Order #...:** JHX7N1AK	**Matrix.....:** SO
Date Sampled...: 11/01/06	**Date Received..:** 11/03/06	**MS Run #.....:**
Prep Date.....: 11/08/06	**Analysis Date..:** 11/08/06	
Prep Batch #...: 6312211	**Analysis Time..:** 07:17	
Dilution Factor: 1	**Initial Wgt/Vol:** 5 g	**Final Wgt/Vol..:** 5 mL
% Moisture.....: 17	**Analyst ID.....:** 010099	**Instrument ID..:** HP3
	Method.....: SW846 8260B	

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	1200	ug/kg	58
Benzene	ND	300	ug/kg	37
Bromodichloromethane	ND	300	ug/kg	29
Bromoform	ND	300	ug/kg	34
Bromomethane	ND	300	ug/kg	49
2-Butanone	ND	300	ug/kg	76
Carbon disulfide	ND	300	ug/kg	25
Carbon tetrachloride	ND	300	ug/kg	35
Chlorobenzene	ND	300	ug/kg	35
Chloroethane	ND	300	ug/kg	43
Chloroform	ND	300	ug/kg	33
Chloromethane	ND	300	ug/kg	34
Cyclohexane	ND	300	ug/kg	35
Dibromochloromethane	ND	300	ug/kg	66
1,2-Dibromo-3-chloro-propane	ND	300	ug/kg	92
1,2-Dibromoethane	ND	300	ug/kg	35
1,3-Dichlorobenzene	ND	300	ug/kg	29
1,4-Dichlorobenzene	ND	300	ug/kg	32
1,2-Dichlorobenzene	ND	300	ug/kg	30
Dichlorodifluoromethane	ND	300	ug/kg	47
1,1-Dichloroethane	ND	300	ug/kg	39
1,2-Dichloroethane	ND	300	ug/kg	32
1,1-Dichloroethene	ND	300	ug/kg	36
cis-1,2-Dichloroethene	ND	300	ug/kg	36
trans-1,2-Dichloroethene	ND	300	ug/kg	37
1,2-Dichloropropane	ND	300	ug/kg	38
cis-1,3-Dichloropropene	ND	300	ug/kg	26
trans-1,3-Dichloropropene	ND	300	ug/kg	19
Ethylbenzene	**4200**	**300**	**ug/kg**	**39**
2-Hexanone	ND	300	ug/kg	95
Isopropylbenzene	**500**	**300**	**ug/kg**	**32**
Methyl acetate	**66 J**	**300**	**ug/kg**	**32**
Methylene chloride	ND	300	ug/kg	41
Methylcyclohexane	ND	300	ug/kg	35
4-Methyl-2-pentanone	ND	300	ug/kg	31
Methyl tert-butyl ether	ND	300	ug/kg	31

(Continued on next page)

The RETEC Group, Inc.

Client Sample ID: SB-20(30-32.5)

GC/MS Volatiles

Lot-Sample #...: C6K030390-010 **Work Order #...:** JHX7N1AK **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Styrene	ND	300	ug/kg	30
1,1,2,2-Tetrachloroethane	ND	300	ug/kg	39
1,2,4-Trichloro-benzene	ND	300	ug/kg	42
Tetrachloroethene	ND	300	ug/kg	32
1,1,1-Trichloroethane	ND	300	ug/kg	24
1,1,2-Trichloroethane	ND	300	ug/kg	37
Trichloroethene	ND	300	ug/kg	34
Trichlorofluoromethane	ND	300	ug/kg	98
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	300	ug/kg	44
Vinyl chloride	ND	300	ug/kg	41
Xylenes (total)	**7800**	**910**	**ug/kg**	**96**
Toluene	**940**	**300**	**ug/kg**	**32**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	90	(52 - 124)
Toluene-d8	95	(72 - 127)
4-Bromofluorobenzene	93	(63 - 120)
Dibromofluoromethane	90	(68 - 121)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

The RETEC Group, Inc.

Client Sample ID: SB-20(30-32.5)

GC/MS Semivolatiles

Lot-Sample #...:	C6K030390-010	Work Order #...:	JHX7N1AL	Matrix.....:	SO
Date Sampled...:	11/01/06 15:20	Date Received..:	11/03/06 09:40	MS Run #.....:	6312005
Prep Date.....:	11/08/06	Analysis Date..:	11/20/06		
Prep Batch #...:	6312013	Analysis Time..:	23:28		
Dilution Factor:	3/15	Initial Wgt/Vol:	15 g	Final Wgt/Vol..:	0.5 mL
% Moisture.....:	17	Analyst ID.....:	003200	Instrument ID..:	731
		Method.....:	SW846 8270C		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene 32000	~~23000 E~~	~~1200~~ 6000	ug/kg	~~26~~ 130
Acenaphthylene	6600	1200	ug/kg	25
Acetophenone	ND	1200	ug/kg	300
Anthracene 14000	~~13000 E~~	~~1200~~ 6000	ug/kg	~~28~~ 140
Atrazine	ND	1200	ug/kg	300
Benzo(a)anthracene	6700	1200	ug/kg	27
Benzo(a)pyrene	4600	1200	ug/kg	20
Benzo(b)fluoranthene	3300	1200	ug/kg	24
Benzo(ghi)perylene	1300	1200	ug/kg	23
Benzo(k)fluoranthene	1400	1200	ug/kg	24
Benzaldehyde	ND	1200	ug/kg	270
1,1'-Biphenyl	4500	1200	ug/kg	300
bis(2-Chloroethoxy) methane	ND	1200	ug/kg	27
bis(2-Chloroethyl)-ether	ND	1200	ug/kg	23
bis(2-Ethylhexyl) phthalate	ND	1200	ug/kg	75
4-Bromophenyl phenyl ether	ND	1200	ug/kg	60
Butyl benzyl phthalate	ND	1200	ug/kg	27
Caprolactam	ND	1200	ug/kg	300
Carbazole	2700	1200	ug/kg	28
4-Chloroaniline	ND	1200	ug/kg	60
4-Chloro-3-methylphenol	ND	1200	ug/kg	26
2-Chloronaphthalene	ND	1200	ug/kg	26
2-Chlorophenol	ND	1200	ug/kg	19
4-Chlorophenyl phenyl ether	ND	1200	ug/kg	25
Chrysene	6100	1200	ug/kg	24
Dibenz(a,h)anthracene	470 J	1200	ug/kg	20
Dibenzofuran	2500	1200	ug/kg	27
3,3'-Dichlorobenzidine	ND	5800	ug/kg	30
2,4-Dichlorophenol	ND	1200	ug/kg	23
Diethyl phthalate	ND	1200	ug/kg	24
2,4-Dimethylphenol	ND	1200	ug/kg	19
Dimethyl phthalate	ND	1200	ug/kg	25

(Continued on next page)

The RETEC Group, Inc.

Client Sample ID: SB-20(30-32.5)

GC/MS Semivolatiles

Lot-Sample #...: C6K030390-010 Work Order #...: JHX7N1AL Matrix.....: SO

PARAMETER		RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-butyl phthalate		ND	1200	ug/kg	150
4,6-Dinitro-2-methylphenol		ND	5800	ug/kg	3000
2,4-Dinitrophenol		ND	5800	ug/kg	3000
2,4-Dinitrotoluene		ND	1200	ug/kg	13
2,6-Dinitrotoluene		ND	1200	ug/kg	17
Di-n-octyl phthalate		ND	1200	ug/kg	28
✓Fluoranthene	13000	~~13000 E~~	~~1200~~ 6000	ug/kg	~~26~~ 130
✓Fluorene	16000	~~14000 E~~	~~1200~~ 6000	ug/kg	~~25~~ 140
Hexachlorobenzene		ND	1200	ug/kg	24
Hexachlorobutadiene		ND	1200	ug/kg	24
Hexachlorocyclopentadiene		ND	5800	ug/kg	97
Hexachloroethane		ND	1200	ug/kg	23
Indeno(1,2,3-cd)pyrene		1200	1200	ug/kg	24
Isophorone		ND	1200	ug/kg	23
2-Methylnaphthalene		1900	1200	ug/kg	30
2-Methylphenol		ND	1200	ug/kg	27
4-Methylphenol		ND	1200	ug/kg	27
✓Naphthalene	40000	~~27000 E~~	~~1200~~ 6000	ug/kg	~~29~~ 140
2-Nitroaniline		ND	5800	ug/kg	15
3-Nitroaniline		ND	5800	ug/kg	610
4-Nitroaniline		ND	5800	ug/kg	17
Nitrobenzene		ND	1200	ug/kg	39
2-Nitrophenol		ND	1200	ug/kg	22
4-Nitrophenol		ND	5800	ug/kg	16
N-Nitrosodi-n-propylamine		ND	1200	ug/kg	25
N-Nitrosodiphenylamine		ND	1200	ug/kg	250
2,2'-oxybis(1-Chloropropane)		ND	1200	ug/kg	17
Pentachlorophenol		ND	5800	ug/kg	1700
✓Phenanthrene	39000	~~29000 E~~	~~1200~~ 6000	ug/kg	~~29~~ 140
Phenol		ND	1200	ug/kg	25
✓Pyrene	15000	~~13000 E~~	~~1200~~ 6000	ug/kg	~~30~~ ~~130~~ 150
2,4,5-Trichlorophenol		ND	1200	ug/kg	69
2,4,6-Trichlorophenol		ND	1200	ug/kg	21

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The RETEC Group, Inc.

Client Sample ID: SB-20(30-32.5)

GC/MS Semivolatiles

Lot-Sample #...: C6K030390-010 Work Order #...: JHX7N1AL Matrix.....: SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	63	(21 - 144)
2-Fluorobiphenyl	78	(26 - 128)
2-Fluorophenol	71	(34 - 115)
Nitrobenzene-d5	72	(30 - 118)
Phenol-d5	75	(35 - 117)
Terphenyl-d14	62	(40 - 115)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

E Estimated result. Result concentration exceeds the calibration range.

J Estimated result. Result is less than RL.

The RETEC Group, Inc.

Client Sample ID: SB-20(30-32.5) DL

GC/MS Semivolatiles

Lot-Sample #...:	C6K030390-010	Work Order #...:	JHX7N2AL	Matrix.....:	SO
Date Sampled...:	11/01/06 15:20	Date Received..:	11/03/06 09:40	MS Run #.....:	6312005
Prep Date.....:	11/08/06	Analysis Date..:	11/21/06		
Prep Batch #...:	6312013	Analysis Time..:	11:40		
Dilution Factor:	15	Initial Wgt/Vol:	15 g	Final Wgt/Vol..:	0.5 mL
% Moisture.....:	17	Analyst ID.....:	003200	Instrument ID..:	731
		Method.....:	SW846 8270C		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	**32000**	**6000**	**ug/kg**	**130**
Acenaphthylene	**7000**	**6000**	**ug/kg**	**130**
Acetophenone	ND	6000	ug/kg	1500
Anthracene	**14000**	**6000**	**ug/kg**	**140**
Atrazine	ND	6000	ug/kg	1500
Benzo(a)anthracene	**6600**	**6000**	**ug/kg**	**130**
Benzo(a)pyrene	**4300 J**	**6000**	**ug/kg**	**100**
Benzo(b)fluoranthene	**3500 J**	**6000**	**ug/kg**	**120**
Benzo(ghi)perylene	**1600 J**	**6000**	**ug/kg**	**110**
Benzo(k)fluoranthene	**1300 J**	**6000**	**ug/kg**	**120**
Benzaldehyde	ND	6000	ug/kg	1300
1,1'-Biphenyl	**4900 J**	**6000**	**ug/kg**	**1500**
bis(2-Chloroethoxy) methane	ND	6000	ug/kg	140
bis(2-Chloroethyl)-ether	ND	6000	ug/kg	120
bis(2-Ethylhexyl) phthalate	ND	6000	ug/kg	370
4-Bromophenyl phenyl ether	ND	6000	ug/kg	300
Butyl benzyl phthalate	ND	6000	ug/kg	130
Caprolactam	ND	6000	ug/kg	1500
Carbazole	**3000 J**	**6000**	**ug/kg**	**140**
4-Chloroaniline	ND	6000	ug/kg	300
4-Chloro-3-methylphenol	ND	6000	ug/kg	130
2-Chloronaphthalene	ND	6000	ug/kg	130
2-Chlorophenol	ND	6000	ug/kg	95
4-Chlorophenyl phenyl ether	ND	6000	ug/kg	120
Chrysene	**5900 J**	**6000**	**ug/kg**	**120**
Dibenz(a,h)anthracene	**480 J**	**6000**	**ug/kg**	**99**
Dibenzofuran	**2800 J**	**6000**	**ug/kg**	**140**
3,3'-Dichlorobenzidine	ND	29000	ug/kg	150
2,4-Dichlorophenol	ND	6000	ug/kg	110
Diethyl phthalate	ND	6000	ug/kg	120
2,4-Dimethylphenol	ND	6000	ug/kg	97
Dimethyl phthalate	ND	6000	ug/kg	130

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The RETEC Group, Inc.

Client Sample ID: SB-20(30-32.5) DL

GC/MS Semivolatiles

Lot-Sample #...: C6K030390-010 Work Order #...: JHX7N2AL Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-butyl phthalate	ND	6000	ug/kg	740
4,6-Dinitro-2-methylphenol	ND	29000	ug/kg	15000
2,4-Dinitrophenol	ND	29000	ug/kg	15000
2,4-Dinitrotoluene	ND	6000	ug/kg	63
2,6-Dinitrotoluene	ND	6000	ug/kg	86
Di-n-octyl phthalate	ND	6000	ug/kg	140
Fluoranthene	**13000**	**6000**	**ug/kg**	**130**
Fluorene	**16000**	**6000**	**ug/kg**	**140**
Hexachlorobenzene	ND	6000	ug/kg	120
Hexachlorobutadiene	ND	6000	ug/kg	120
Hexachlorocyclopentadiene	ND	29000	ug/kg	480
Hexachloroethane	ND	6000	ug/kg	120
Indeno(1,2,3-cd)pyrene	**1300 J**	**6000**	**ug/kg**	**120**
Isophorone	ND	6000	ug/kg	120
2-Methylnaphthalene	**2000 J**	**6000**	**ug/kg**	**150**
2-Methylphenol	ND	6000	ug/kg	130
4-Methylphenol	ND	6000	ug/kg	140
Naphthalene	**40000**	**6000**	**ug/kg**	**140**
2-Nitroaniline	ND	29000	ug/kg	75
3-Nitroaniline	ND	29000	ug/kg	3000
4-Nitroaniline	ND	29000	ug/kg	84
Nitrobenzene	ND	6000	ug/kg	200
2-Nitrophenol	ND	6000	ug/kg	110
4-Nitrophenol	ND	29000	ug/kg	81
N-Nitrosodi-n-propylamine	ND	6000	ug/kg	120
N-Nitrosodiphenylamine	ND	6000	ug/kg	1300
2,2'-oxybis(1-Chloropropane)	ND	6000	ug/kg	87
Pentachlorophenol	ND	29000	ug/kg	8300
Phenanthrene	**39000**	**6000**	**ug/kg**	**140**
Phenol	ND	6000	ug/kg	120
Pyrene	**15000**	**6000**	**ug/kg**	**150**
2,4,5-Trichlorophenol	ND	6000	ug/kg	340
2,4,6-Trichlorophenol	ND	6000	ug/kg	100

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The RETEC Group, Inc.

Client Sample ID: SB-20(30-32.5) DL

GC/MS Semivolatiles

Lot-Sample #...: C6K030390-010 Work Order #...: JHX7N2AL Matrix.....: SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	NC,DIL	(21 - 144)
2-Fluorobiphenyl	NC,DIL	(26 - 128)
2-Fluorophenol	NC,DIL	(34 - 115)
Nitrobenzene-d5	NC,DIL	(30 - 118)
Phenol-d5	NC,DIL	(35 - 117)
Terphenyl-d14	NC,DIL	(40 - 115)

NOTE(S):

NC The recovery and/or RPD were not calculated.

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.

The RETEC Group, Inc.

Client Sample ID: SB-20(30-32.5)

TOTAL Metals

Lot-Sample #...: C6K030390-010 Matrix.....: SO
Date Sampled...: 11/01/06 Date Received..: 11/03/06
% Moisture.....: 17

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 6318071						
Silver	ND	0.60	mg/kg	SW846 6010B	11/16-11/17/06	JHX7N1AM
		Dilution Factor: 1		Analysis Time..: 17:07	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.036	
Aluminum	**3800 J**	**24.2**	**mg/kg**	**SW846 6010B**	**11/16-11/17/06**	**JHX7N1AN**
		Dilution Factor: 1		Analysis Time..: 17:07	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.96	
Arsenic	**1.4**	**1.2**	**mg/kg**	**SW846 6010B**	**11/16-11/17/06**	**JHX7N1AP**
		Dilution Factor: 1		Analysis Time..: 17:07	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.40	
Barium	**27.0**	**24.2**	**mg/kg**	**SW846 6010B**	**11/16-11/17/06**	**JHX7N1AQ**
		Dilution Factor: 1		Analysis Time..: 17:07	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.12	
Beryllium	**0.29 J**	**0.48**	**mg/kg**	**SW846 6010B**	**11/16-11/17/06**	**JHX7N1AR**
		Dilution Factor: 1		Analysis Time..: 17:07	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.050	
Calcium	**25900**	**604**	**mg/kg**	**SW846 6010B**	**11/16-11/17/06**	**JHX7N1AT**
		Dilution Factor: 1		Analysis Time..: 17:07	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 4.8	
Cadmium	ND	0.60	mg/kg	SW846 6010B	11/16-11/17/06	JHX7N1AU
		Dilution Factor: 1		Analysis Time..: 17:07	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.084	
Cobalt	**3.7 J**	**6.0**	**mg/kg**	**SW846 6010B**	**11/16-11/17/06**	**JHX7N1AV**
		Dilution Factor: 1		Analysis Time..: 17:07	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.064	
Chromium	**5.5**	**0.60**	**mg/kg**	**SW846 6010B**	**11/16-11/17/06**	**JHX7N1AW**
		Dilution Factor: 1		Analysis Time..: 17:07	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.11	

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The RETEC Group, Inc.

Client Sample ID: SB-20(30-32.5)

TOTAL Metals

Lot-Sample #...: C6K030390-010 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Copper	9.9 ~~B~~	3.0	mg/kg	SW846 6010B	11/16-11/17/06	JHX7N1AX
	Dilution Factor: 1	Analysis Time..: 17:07		Analyst ID.....: 402249		
	Instrument ID..: TRACEICP	MS Run #.....: 6318047		MDL.....: 0.14		
Iron	8690	12.1	mg/kg	SW846 6010B	11/16-11/17/06	JHX7N1A0
	Dilution Factor: 1	Analysis Time..: 17:07		Analyst ID.....: 402249		
	Instrument ID..: TRACEICP	MS Run #.....: 6318047		MDL.....: 2.2		
Potassium	741 ~~B~~	604	mg/kg	SW846 6010B	11/16-11/17/06	JHX7N1A1
	Dilution Factor: 1	Analysis Time..: 17:07		Analyst ID.....: 402249		
	Instrument ID..: TRACEICP	MS Run #.....: 6318047		MDL.....: 9.1		
Magnesium	5110	604	mg/kg	SW846 6010B	11/16-11/17/06	JHX7N1A2
	Dilution Factor: 1	Analysis Time..: 17:07		Analyst ID.....: 402249		
	Instrument ID..: TRACEICP	MS Run #.....: 6318047		MDL.....: 1.2		
Manganese	184 J-	1.8	mg/kg	SW846 6010B	11/16-11/17/06	JHX7N1A3
	Dilution Factor: 1	Analysis Time..: 17:07		Analyst ID.....: 402249		
	Instrument ID..: TRACEICP	MS Run #.....: 6318047		MDL.....: 0.014		
Sodium	145 ~~B~~ J	604	mg/kg	SW846 6010B	11/16-11/17/06	JHX7N1A4
	Dilution Factor: 1	Analysis Time..: 17:07		Analyst ID.....: 402249		
	Instrument ID..: TRACEICP	MS Run #.....: 6318047		MDL.....: 18.9		
Nickel	8.2	4.8	mg/kg	SW846 6010B	11/16-11/17/06	JHX7N1A5
	Dilution Factor: 1	Analysis Time..: 17:07		Analyst ID.....: 402249		
	Instrument ID..: TRACEICP	MS Run #.....: 6318047		MDL.....: 0.15		
Lead	3.6	0.36	mg/kg	SW846 6010B	11/16-11/17/06	JHX7N1A6
	Dilution Factor: 1	Analysis Time..: 17:07		Analyst ID.....: 402249		
	Instrument ID..: TRACEICP	MS Run #.....: 6318047		MDL.....: 0.19		
Selenium	0.56 ~~B~~ J	0.60	mg/kg	SW846 6010B	11/16-11/17/06	JHX7N1AA
	Dilution Factor: 1	Analysis Time..: 17:07		Analyst ID.....: 402249		
	Instrument ID..: TRACEICP	MS Run #.....: 6318047		MDL.....: 0.32		
Thallium	ND	1.2	mg/kg	SW846 6010B	11/16-11/17/06	JHX7N1AC
	Dilution Factor: 1	Analysis Time..: 17:07		Analyst ID.....: 402249		
	Instrument ID..: TRACEICP	MS Run #.....: 6318047		MDL.....: 0.55		

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The RETEC Group, Inc.

Client Sample ID: SB-20(30-32.5)

TOTAL Metals

Lot-Sample #...: C6K030390-010 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	ND UJ	1.2	mg/kg	SW846 6010B	11/16-11/17/06	JHX7N1AD
		Dilution Factor: 1		Analysis Time..: 17:07	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.39	
Vanadium	**10.9**	**6.0**	**mg/kg**	**SW846 6010B**	**11/16-11/17/06**	**JHX7N1AE**
		Dilution Factor: 1		Analysis Time..: 17:07	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.13	
Zinc	**23.9 J**	**2.4**	**mg/kg**	**SW846 6010B**	**11/16-11/17/06**	**JHX7N1AF**
		Dilution Factor: 1		Analysis Time..: 17:07	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.20	
Prep Batch #...: 6324025						
Mercury	ND	0.040	mg/kg	SW846 7471A	11/20/06	JHX7N1AG
		Dilution Factor: 1		Analysis Time..: 09:41	Analyst ID.....: 031043	
		Instrument ID..: HGHYDRA		MS Run #.....: 6324017	MDL.....: 0.0097	

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.

The RETEC Group, Inc.

Client Sample ID: SB-20(38.5-40)

GC/MS Volatiles

Lot-Sample #...:	C6K030390-011	**Work Order #...:**	JHX7Q1AK	**Matrix.....:**	SO
Date Sampled...:	11/01/06	**Date Received..:**	11/03/06	**MS Run #.....:**	6310039
Prep Date.....:	11/06/06	**Analysis Date..:**	11/06/06		
Prep Batch #...:	6310052	**Analysis Time..:**	09:07		
Dilution Factor:	1	**Initial Wgt/Vol:**	5 g	**Final Wgt/Vol..:**	5 mL
% Moisture.....:	19	**Analyst ID.....:**	010099	**Instrument ID..:**	HP3
		Method.....:	SW846 8260B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND UJ	25	ug/kg	6.2
Benzene	**0.90 J**	**6.2**	**ug/kg**	**0.68**
Bromodichloromethane	ND	6.2	ug/kg	0.31
Bromoform	ND	6.2	ug/kg	0.76
Bromomethane	ND	6.2	ug/kg	1.2
2-Butanone	ND	6.2	ug/kg	1.7
Carbon disulfide	ND	6.2	ug/kg	0.45
Carbon tetrachloride	ND	6.2	ug/kg	0.31
Chlorobenzene	ND	6.2	ug/kg	1.1
Chloroethane	ND	6.2	ug/kg	1.2
Chloroform	ND	6.2	ug/kg	0.31
Chloromethane	ND	6.2	ug/kg	0.36
Cyclohexane	ND	6.2	ug/kg	0.47
Dibromochloromethane	ND	6.2	ug/kg	0.32
1,2-Dibromo-3-chloro-propane	ND	6.2	ug/kg	0.58
1,2-Dibromoethane	ND	6.2	ug/kg	0.33
1,3-Dichlorobenzene	ND	6.2	ug/kg	1.1
1,4-Dichlorobenzene	ND	6.2	ug/kg	0.85
1,2-Dichlorobenzene	ND	6.2	ug/kg	1.2
Dichlorodifluoromethane	ND	6.2	ug/kg	0.63
1,1-Dichloroethane	ND	6.2	ug/kg	0.36
1,2-Dichloroethane	ND	6.2	ug/kg	0.37
1,1-Dichloroethene	ND	6.2	ug/kg	0.73
cis-1,2-Dichloroethene	ND	6.2	ug/kg	0.93
trans-1,2-Dichloroethene	ND	6.2	ug/kg	0.81
1,2-Dichloropropane	ND	6.2	ug/kg	0.78
cis-1,3-Dichloropropene	ND	6.2	ug/kg	0.36
trans-1,3-Dichloropropene	ND	6.2	ug/kg	0.34
Ethylbenzene	ND	6.2	ug/kg	1.2
2-Hexanone	ND	6.2	ug/kg	1.0
Isopropylbenzene	ND	6.2	ug/kg	1.4
Methyl acetate	ND	6.2	ug/kg	3.1
Methylene chloride	~~4.7 J,B~~ 6.2U	**6.2**	**ug/kg**	**1.6**
Methylcyclohexane	ND	6.2	ug/kg	0.97
4-Methyl-2-pentanone	ND	6.2	ug/kg	1.0
Methyl tert-butyl ether	ND	6.2	ug/kg	0.51

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The RETEC Group, Inc.

Client Sample ID: SB-20(38.5-40)

GC/MS Volatiles

Lot-Sample #...: C6K030390-011 **Work Order #...:** JHX7Q1AK **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Styrene	ND	6.2	ug/kg	0.99
1,1,2,2-Tetrachloroethane	ND	6.2	ug/kg	0.56
1,2,4-Trichloro-benzene	ND	6.2	ug/kg	1.7
Tetrachloroethene	ND	6.2	ug/kg	0.95
1,1,1-Trichloroethane	ND	6.2	ug/kg	0.34
1,1,2-Trichloroethane	ND	6.2	ug/kg	0.84
Trichloroethene	ND	6.2	ug/kg	1.1
Trichlorofluoromethane	ND	6.2	ug/kg	1.5
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	6.2	ug/kg	0.43
Vinyl chloride	ND	6.2	ug/kg	0.81
Xylenes (total)	ND	19	ug/kg	3.4
Toluene	ND	6.2	ug/kg	0.73

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	75	(52 - 124)
Toluene-d8	103	(72 - 127)
4-Bromofluorobenzene	95	(63 - 120)
Dibromofluoromethane	89	(68 - 121)

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.

The RETEC Group, Inc.

Client Sample ID: SB-20(38.5-40)

GC/MS Semivolatiles

Lot-Sample #...:	C6K030390-011	**Work Order #...:**	JHX7Q1AL	**Matrix.....:**	SO
Date Sampled...:	11/01/06 15:30	**Date Received..:**	11/03/06 09:40	**MS Run #.....:**	6312005
Prep Date.....:	11/08/06	**Analysis Date..:**	11/21/06		
Prep Batch #...:	6312013	**Analysis Time..:**	12:08		
Dilution Factor:	1	**Initial Wgt/Vol:**	15 g	**Final Wgt/Vol..:**	0.5 mL
% Moisture.....:	19	**Analyst ID.....:**	003200	**Instrument ID..:**	731
		Method.....:	SW846 8270C		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	**10 J**	**410**	**ug/kg**	**9.0**
Acenaphthylene	**19 J**	**410**	**ug/kg**	**8.6**
Acetophenone	ND	410	ug/kg	100
Anthracene	ND	410	ug/kg	9.4
Atrazine	ND	410	ug/kg	100
Benzo(a)anthracene	ND	410	ug/kg	9.1
Benzo(a)pyrene	ND	410	ug/kg	6.9
Benzo(b)fluoranthene	ND	410	ug/kg	8.2
Benzo(ghi)perylene	ND	410	ug/kg	7.8
Benzo(k)fluoranthene	ND	410	ug/kg	8.1
Benzaldehyde	ND	410	ug/kg	92
1,1'-Biphenyl	ND	410	ug/kg	100
bis(2-Chloroethoxy) methane	ND	410	ug/kg	9.3
bis(2-Chloroethyl)-ether	ND	410	ug/kg	8.0
bis(2-Ethylhexyl) phthalate	ND	410	ug/kg	26
4-Bromophenyl phenyl ether	ND	410	ug/kg	21
Butyl benzyl phthalate	ND	410	ug/kg	9.1
Caprolactam	ND	410	ug/kg	100
Carbazole	**26 J**	**410**	**ug/kg**	**9.5**
4-Chloroaniline	ND	410	ug/kg	21
4-Chloro-3-methylphenol	ND	410	ug/kg	9.0
2-Chloronaphthalene	ND	410	ug/kg	8.8
2-Chlorophenol	ND	410	ug/kg	6.5
4-Chlorophenyl phenyl ether	ND	410	ug/kg	8.4
Chrysene	ND	410	ug/kg	8.1
Dibenz(a,h)anthracene	ND	410	ug/kg	6.7
Dibenzofuran	**35 J**	**410**	**ug/kg**	**9.3**
3,3'-Dichlorobenzidine	ND	2000	ug/kg	10
2,4-Dichlorophenol	ND	410	ug/kg	7.8
Diethyl phthalate	ND	410	ug/kg	8.3
2,4-Dimethylphenol	ND	410	ug/kg	6.6
Dimethyl phthalate	ND	410	ug/kg	8.6

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The RETEC Group, Inc.

Client Sample ID: SB-20(38.5-40)

GC/MS Semivolatiles

Lot-Sample #...: C6K030390-011 **Work Order #...:** JHX7Q1AL **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-butyl phthalate	ND	410	ug/kg	50
4,6-Dinitro-2-methylphenol	ND	2000	ug/kg	1000
2,4-Dinitrophenol	ND	2000	ug/kg	1000
2,4-Dinitrotoluene	ND	410	ug/kg	4.3
2,6-Dinitrotoluene	ND	410	ug/kg	5.9
Di-n-octyl phthalate	ND	410	ug/kg	9.5
Fluoranthene	ND	410	ug/kg	8.8
Fluorene	ND	410	ug/kg	9.9
Hexachlorobenzene	ND	410	ug/kg	8.3
Hexachlorobutadiene	ND	410	ug/kg	8.1
Hexachlorocyclopentadiene	ND	2000	ug/kg	33
Hexachloroethane	ND	410	ug/kg	7.9
Indeno(1,2,3-cd)pyrene	ND	410	ug/kg	8.2
Isophorone	ND	410	ug/kg	7.9
2-Methylnaphthalene	ND	410	ug/kg	10
2-Methylphenol	ND	410	ug/kg	9.2
4-Methylphenol	ND	410	ug/kg	9.2
Naphthalene	ND	410	ug/kg	9.8
2-Nitroaniline	ND	2000	ug/kg	5.1
3-Nitroaniline	ND	2000	ug/kg	210
4-Nitroaniline	ND	2000	ug/kg	5.8
Nitrobenzene	ND	410	ug/kg	13
2-Nitrophenol	ND	410	ug/kg	7.4
4-Nitrophenol	ND	2000	ug/kg	5.5
N-Nitrosodi-n-propylamine	ND	410	ug/kg	8.4
N-Nitrosodiphenylamine	ND	410	ug/kg	86
2,2'-oxybis(1-Chloropropane)	ND	410	ug/kg	6.0
Pentachlorophenol	ND	2000	ug/kg	570
Phenanthrene	**19 J**	**410**	**ug/kg**	**9.9**
Phenol	ND	410	ug/kg	8.5
Pyrene	ND	410	ug/kg	10
2,4,5-Trichlorophenol	ND	410	ug/kg	24
2,4,6-Trichlorophenol	ND	410	ug/kg	7.1

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The RETEC Group, Inc.

Client Sample ID: SB-20(38.5-40)

GC/MS Semivolatiles

Lot-Sample #...: C6K030390-011 **Work Order #...:** JHX7Q1AL **Matrix.....:** SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	64	(21 - 144)
2-Fluorobiphenyl	68	(26 - 128)
2-Fluorophenol	68	(34 - 115)
Nitrobenzene-d5	64	(30 - 118)
Phenol-d5	67	(35 - 117)
Terphenyl-d14	73	(40 - 115)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

The RETEC Group, Inc.

Client Sample ID: SB-20(38.5-40)

TOTAL Metals

Lot-Sample #...: C6K030390-011 Matrix.....: SO
Date Sampled...: 11/01/06 Date Received..: 11/03/06
% Moisture.....: 19

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 6318071						
Silver	ND	0.62	mg/kg	SW846 6010B	11/16-11/17/06	JHX7Q1AM
		Dilution Factor: 1		Analysis Time..: 17:13	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.037	
Aluminum	2420 B	24.8	mg/kg	SW846 6010B	11/16-11/17/06	JHX7Q1AN
		Dilution Factor: 1		Analysis Time..: 17:13	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.99	
Arsenic	1.2	1.2	mg/kg	SW846 6010B	11/16-11/17/06	JHX7Q1AP
		Dilution Factor: 1		Analysis Time..: 17:13	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.41	
Barium	10 B J	24.8	mg/kg	SW846 6010B	11/16-11/17/06	JHX7Q1AQ
		Dilution Factor: 1		Analysis Time..: 17:13	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.12	
Beryllium	0.23 B J	0.50	mg/kg	SW846 6010B	11/16-11/17/06	JHX7Q1AR
		Dilution Factor: 1		Analysis Time..: 17:13	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.052	
Calcium	24400	620	mg/kg	SW846 6010B	11/16-11/17/06	JHX7Q1AT
		Dilution Factor: 1		Analysis Time..: 17:13	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 4.9	
Cadmium	ND	0.62	mg/kg	SW846 6010B	11/16-11/17/06	JHX7Q1AU
		Dilution Factor: 1		Analysis Time..: 17:13	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.086	
Cobalt	2.4 B J	6.2	mg/kg	SW846 6010B	11/16-11/17/06	JHX7Q1AV
		Dilution Factor: 1		Analysis Time..: 17:13	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.065	
Chromium	3.5	0.62	mg/kg	SW846 6010B	11/16-11/17/06	JHX7Q1AW
		Dilution Factor: 1		Analysis Time..: 17:13	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.12	

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The RETEC Group, Inc.

Client Sample ID: SB-20(38.5-40)

TOTAL Metals

Lot-Sample #...: C6K030390-011 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Copper	7.0 ~~J~~	3.1	mg/kg	SW846 6010B	11/16-11/17/06	JHX7Q1AX
	Dilution Factor: 1	Analysis Time..: 17:13		Analyst ID.....: 402249		
	Instrument ID..: TRACEICP	MS Run #.....: 6318047		MDL.....: 0.14		
Iron	5790	12.4	mg/kg	SW846 6010B	11/16-11/17/06	JHX7Q1A0
	Dilution Factor: 1	Analysis Time..: 17:13		Analyst ID.....: 402249		
	Instrument ID..: TRACEICP	MS Run #.....: 6318047		MDL.....: 2.2		
Potassium	620U ~~467 B,J~~	620	mg/kg	SW846 6010B	11/16-11/17/06	JHX7Q1A1
	Dilution Factor: 1	Analysis Time..: 17:13		Analyst ID.....: 402249		
	Instrument ID..: TRACEICP	MS Run #.....: 6318047		MDL.....: 9.3		
Magnesium	3420	620	mg/kg	SW846 6010B	11/16-11/17/06	JHX7Q1A2
	Dilution Factor: 1	Analysis Time..: 17:13		Analyst ID.....: 402249		
	Instrument ID..: TRACEICP	MS Run #.....: 6318047		MDL.....: 1.3		
Manganese	167 J-	1.9	mg/kg	SW846 6010B	11/16-11/17/06	JHX7Q1A3
	Dilution Factor: 1	Analysis Time..: 17:13		Analyst ID.....: 402249		
	Instrument ID..: TRACEICP	MS Run #.....: 6318047		MDL.....: 0.014		
Sodium	85.5 ~~B~~ J	620	mg/kg	SW846 6010B	11/16-11/17/06	JHX7Q1A4
	Dilution Factor: 1	Analysis Time..: 17:13		Analyst ID.....: 402249		
	Instrument ID..: TRACEICP	MS Run #.....: 6318047		MDL.....: 19.4		
Nickel	5.8	5.0	mg/kg	SW846 6010B	11/16-11/17/06	JHX7Q1A5
	Dilution Factor: 1	Analysis Time..: 17:13		Analyst ID.....: 402249		
	Instrument ID..: TRACEICP	MS Run #.....: 6318047		MDL.....: 0.15		
Lead	2.3	0.37	mg/kg	SW846 6010B	11/16-11/17/06	JHX7Q1A6
	Dilution Factor: 1	Analysis Time..: 17:13		Analyst ID.....: 402249		
	Instrument ID..: TRACEICP	MS Run #.....: 6318047		MDL.....: 0.20		
Selenium	0.42 ~~B~~ J	0.62	mg/kg	SW846 6010B	11/16-11/17/06	JHX7Q1AA
	Dilution Factor: 1	Analysis Time..: 17:13		Analyst ID.....: 402249		
	Instrument ID..: TRACEICP	MS Run #.....: 6318047		MDL.....: 0.32		
Thallium	ND	1.2	mg/kg	SW846 6010B	11/16-11/17/06	JHX7Q1AC
	Dilution Factor: 1	Analysis Time..: 17:13		Analyst ID.....: 402249		
	Instrument ID..: TRACEICP	MS Run #.....: 6318047		MDL.....: 0.56		

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The RETEC Group, Inc.

Client Sample ID: SB-20(38.5-40)

TOTAL Metals

Lot-Sample #...: C6K030390-011 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	ND UJ	1.2	mg/kg	SW846 6010B	11/16-11/17/06	JHX7Q1AD
		Dilution Factor: 1		Analysis Time..: 17:13	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.40	
Vanadium	6.0 ~~B~~ J	6.2	mg/kg	SW846 6010B	11/16-11/17/06	JHX7Q1AE
		Dilution Factor: 1		Analysis Time..: 17:13	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.13	
Zinc	17.6 J	2.5	mg/kg	SW846 6010B	11/16-11/17/06	JHX7Q1AF
		Dilution Factor: 1		Analysis Time..: 17:13	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.21	
Prep Batch #...: 6324025						
Mercury	ND	0.041	mg/kg	SW846 7471A	11/20/06	JHX7Q1AG
		Dilution Factor: 1		Analysis Time..: 09:42	Analyst ID.....: 031043	
		Instrument ID..: HGHYDRA		MS Run #.....: 6324017	MDL.....: 0.0099	

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.

The RETEC Group, Inc.

Client Sample ID: SB-21(9-10)

GC/MS Volatiles

Lot-Sample #...:	C6K030390-006	**Work Order #...:**	JHX671AK	**Matrix.....:**	SO
Date Sampled...:	11/01/06	**Date Received..:**	11/03/06	**MS Run #.....:**	6310039
Prep Date.....:	11/06/06	**Analysis Date..:**	11/06/06		
Prep Batch #...:	6310052	**Analysis Time..:**	11:54		
Dilution Factor:	1	**Initial Wgt/Vol:**	5 g	**Final Wgt/Vol..:**	5 mL
% Moisture.....:	16	**Analyst ID.....:**	010099	**Instrument ID..:**	HP3
		Method.....:	SW846 8260B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND UJ	24	ug/kg	5.9
Benzene	ND	5.9	ug/kg	0.65
Bromodichloromethane	ND	5.9	ug/kg	0.30
Bromoform	ND	5.9	ug/kg	0.73
Bromomethane	ND	5.9	ug/kg	1.1
2-Butanone	ND	5.9	ug/kg	1.7
Carbon disulfide	ND	5.9	ug/kg	0.43
Carbon tetrachloride	ND	5.9	ug/kg	0.30
Chlorobenzene	ND	5.9	ug/kg	1.0
Chloroethane	ND	5.9	ug/kg	1.1
Chloroform	ND	5.9	ug/kg	0.30
Chloromethane	ND	5.9	ug/kg	0.34
Cyclohexane	ND	5.9	ug/kg	0.45
Dibromochloromethane	ND	5.9	ug/kg	0.31
1,2-Dibromo-3-chloro-propane	ND	5.9	ug/kg	0.55
1,2-Dibromoethane	ND	5.9	ug/kg	0.32
1,3-Dichlorobenzene	ND	5.9	ug/kg	1.1
1,4-Dichlorobenzene	ND	5.9	ug/kg	0.81
1,2-Dichlorobenzene	ND	5.9	ug/kg	1.1
Dichlorodifluoromethane	ND	5.9	ug/kg	0.60
1,1-Dichloroethane	ND	5.9	ug/kg	0.34
1,2-Dichloroethane	ND	5.9	ug/kg	0.36
1,1-Dichloroethene	ND	5.9	ug/kg	0.70
cis-1,2-Dichloroethene	ND	5.9	ug/kg	0.89
trans-1,2-Dichloroethene	ND	5.9	ug/kg	0.78
1,2-Dichloropropane	ND	5.9	ug/kg	0.75
cis-1,3-Dichloropropene	ND	5.9	ug/kg	0.34
trans-1,3-Dichloropropene	ND	5.9	ug/kg	0.33
Ethylbenzene	ND	5.9	ug/kg	1.1
2-Hexanone	ND	5.9	ug/kg	0.97
Isopropylbenzene	ND	5.9	ug/kg	1.3
Methyl acetate	ND	5.9	ug/kg	3.0
Methylene chloride	~~4.2 J,B~~ 5.9 U	5.9	ug/kg	1.6
Methylcyclohexane	ND	5.9	ug/kg	0.93
4-Methyl-2-pentanone	ND	5.9	ug/kg	1.0
Methyl tert-butyl ether	ND	5.9	ug/kg	0.49

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The RETEC Group, Inc.

Client Sample ID: SB-21(9-10)

GC/MS Volatiles

Lot-Sample #...: C6K030390-006 **Work Order #...:** JHX671AK **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Styrene	ND	5.9	ug/kg	0.95
1,1,2,2-Tetrachloroethane	ND	5.9	ug/kg	0.54
1,2,4-Trichloro-benzene	ND	5.9	ug/kg	1.6
Tetrachloroethene	ND	5.9	ug/kg	0.91
1,1,1-Trichloroethane	ND	5.9	ug/kg	0.32
1,1,2-Trichloroethane	ND	5.9	ug/kg	0.81
Trichloroethene	ND	5.9	ug/kg	1.0
Trichlorofluoromethane	ND	5.9	ug/kg	1.4
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	5.9	ug/kg	0.41
Vinyl chloride	ND	5.9	ug/kg	0.78
Xylenes (total)	ND	18	ug/kg	3.2
Toluene	ND	5.9	ug/kg	0.70

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	74	(52 - 124)
Toluene-d8	101	(72 - 127)
4-Bromofluorobenzene	93	(63 - 120)
Dibromofluoromethane	89	(68 - 121)

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.

The RETEC Group, Inc.

Client Sample ID: SB-21(9-10)

GC/MS Semivolatiles

Lot-Sample #...: C6K030390-006	**Work Order #...:** JHX671AL	**Matrix.....:** SO
Date Sampled...: 11/01/06 13:40	**Date Received..:** 11/03/06 09:40	**MS Run #.....:** 6312005
Prep Date.....: 11/08/06	**Analysis Date..:** 11/20/06	
Prep Batch #...: 6312013	**Analysis Time..:** 20:40	
Dilution Factor: 1	**Initial Wgt/Vol:** 15 g	**Final Wgt/Vol..:** 0.5 mL
% Moisture.....: 16	**Analyst ID.....:** 003200	**Instrument ID..:** 731
	Method.....: SW846 8270C	

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	390	ug/kg	8.6
Acenaphthylene	ND	390	ug/kg	8.3
Acetophenone	ND	390	ug/kg	99
Anthracene	ND	390	ug/kg	9.1
Atrazine	ND	390	ug/kg	99
Benzo(a)anthracene	ND	390	ug/kg	8.7
Benzo(a)pyrene	ND	390	ug/kg	6.6
Benzo(b)fluoranthene	ND	390	ug/kg	7.9
Benzo(ghi)perylene	ND	390	ug/kg	7.5
Benzo(k)fluoranthene	ND	390	ug/kg	7.8
Benzaldehyde	ND	390	ug/kg	88
1,1'-Biphenyl	ND	390	ug/kg	99
bis(2-Chloroethoxy) methane	ND	390	ug/kg	8.9
bis(2-Chloroethyl)-ether	ND	390	ug/kg	7.7
bis(2-Ethylhexyl) phthalate	ND	390	ug/kg	25
4-Bromophenyl phenyl ether	ND	390	ug/kg	20
Butyl benzyl phthalate	ND	390	ug/kg	8.8
Caprolactam	ND	390	ug/kg	99
Carbazole	ND	390	ug/kg	9.1
4-Chloroaniline	ND	390	ug/kg	20
4-Chloro-3-methylphenol	ND	390	ug/kg	8.6
2-Chloronaphthalene	ND	390	ug/kg	8.4
2-Chlorophenol	ND	390	ug/kg	6.3
4-Chlorophenyl phenyl ether	ND	390	ug/kg	8.1
Chrysene	ND	390	ug/kg	7.7
Dibenz(a,h)anthracene	ND	390	ug/kg	6.5
Dibenzofuran	ND	390	ug/kg	8.9
3,3'-Dichlorobenzidine	ND	1900	ug/kg	9.8
2,4-Dichlorophenol	ND	390	ug/kg	7.5
Diethyl phthalate	ND	390	ug/kg	8.0
2,4-Dimethylphenol	ND	390	ug/kg	6.4
Dimethyl phthalate	ND	390	ug/kg	8.3

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The RETEC Group, Inc.

Client Sample ID: SB-21(9-10)

GC/MS Semivolatiles

Lot-Sample #...: C6K030390-006 Work Order #...: JHX671AL Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-butyl phthalate	ND	390	ug/kg	48
4,6-Dinitro-2-methylphenol	ND	1900	ug/kg	990
2,4-Dinitrophenol	ND	1900	ug/kg	990
2,4-Dinitrotoluene	ND	390	ug/kg	4.1
2,6-Dinitrotoluene	ND	390	ug/kg	5.6
Di-n-octyl phthalate	ND	390	ug/kg	9.1
Fluoranthene	ND	390	ug/kg	8.4
Fluorene	ND	390	ug/kg	9.5
Hexachlorobenzene	ND	390	ug/kg	8.0
Hexachlorobutadiene	ND	390	ug/kg	7.8
Hexachlorocyclopentadiene	ND	1900	ug/kg	32
Hexachloroethane	ND	390	ug/kg	7.6
Indeno(1,2,3-cd)pyrene	ND	390	ug/kg	7.9
Isophorone	ND	390	ug/kg	7.6
2-Methylnaphthalene	ND	390	ug/kg	9.7
2-Methylphenol	ND	390	ug/kg	8.8
4-Methylphenol	ND	390	ug/kg	8.9
Naphthalene	ND	390	ug/kg	9.4
2-Nitroaniline	ND	1900	ug/kg	4.9
3-Nitroaniline	ND	1900	ug/kg	200
4-Nitroaniline	ND	1900	ug/kg	5.5
Nitrobenzene	ND	390	ug/kg	13
2-Nitrophenol	ND	390	ug/kg	7.1
4-Nitrophenol	ND	1900	ug/kg	5.3
N-Nitrosodi-n-propylamine	ND	390	ug/kg	8.0
N-Nitrosodiphenylamine	ND	390	ug/kg	82
2,2'-oxybis(1-Chloropropane)	ND	390	ug/kg	5.7
Pentachlorophenol	ND	1900	ug/kg	540
Phenanthrene	ND	390	ug/kg	9.5
Phenol	ND	390	ug/kg	8.1
Pyrene	ND	390	ug/kg	9.7
2,4,5-Trichlorophenol	ND	390	ug/kg	23
2,4,6-Trichlorophenol	ND	390	ug/kg	6.8

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The RETEC Group, Inc.

Client Sample ID: SB-21(9-10)

GC/MS Semivolatiles

Lot-Sample #...: C6K030390-006 Work Order #...: JHX671AL Matrix.....: SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	58	(21 - 144)
2-Fluorobiphenyl	72	(26 - 128)
2-Fluorophenol	70	(34 - 115)
Nitrobenzene-d5	66	(30 - 118)
Phenol-d5	71	(35 - 117)
Terphenyl-d14	61	(40 - 115)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

The RETEC Group, Inc.

Client Sample ID: SB-21(9-10)

TOTAL Metals

Lot-Sample #...: C6K030390-006 Matrix.....: SO
Date Sampled...: 11/01/06 Date Received..: 11/03/06
% Moisture.....: 16

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 6318071						
Silver	ND	0.59	mg/kg	SW846 6010B	11/16-11/17/06	JHX671AM
		Dilution Factor: 1		Analysis Time..: 16:28	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.035	
Aluminum	5050 B	23.8	mg/kg	SW846 6010B	11/16-11/17/06	JHX671AN
		Dilution Factor: 1		Analysis Time..: 16:28	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.95	
Arsenic	3.6	1.2	mg/kg	SW846 6010B	11/16-11/17/06	JHX671AP
		Dilution Factor: 1		Analysis Time..: 16:28	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.39	
Barium	21.0 B J	23.8	mg/kg	SW846 6010B	11/16-11/17/06	JHX671AQ
		Dilution Factor: 1		Analysis Time..: 16:28	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.12	
Beryllium	0.43 B J	0.48	mg/kg	SW846 6010B	11/16-11/17/06	JHX671AR
		Dilution Factor: 1		Analysis Time..: 16:28	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.050	
Calcium	954	594	mg/kg	SW846 6010B	11/16-11/17/06	JHX671AT
		Dilution Factor: 1		Analysis Time..: 16:28	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 4.7	
Cadmium	ND	0.59	mg/kg	SW846 6010B	11/16-11/17/06	JHX671AU
		Dilution Factor: 1		Analysis Time..: 16:28	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.083	
Cobalt	3.6 B J	5.9	mg/kg	SW846 6010B	11/16-11/17/06	JHX671AV
		Dilution Factor: 1		Analysis Time..: 16:28	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.063	
Chromium	6.2	0.59	mg/kg	SW846 6010B	11/16-11/17/06	JHX671AW
		Dilution Factor: 1		Analysis Time..: 16:28	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.11	

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The RETEC Group, Inc.

Client Sample ID: SB-21(9-10)

TOTAL Metals

Lot-Sample #...: C6K030390-006 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Copper	6.3 ~~B~~ J	3.0	mg/kg	SW846 6010B	11/16-11/17/06	JHX671AX
		Dilution Factor: 1		Analysis Time..: 16:28	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.14	
Iron	9980	11.9	mg/kg	SW846 6010B	11/16-11/17/06	JHX671A0
		Dilution Factor: 1		Analysis Time..: 16:28	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 2.1	
Potassium	~~441 B,J~~ 594U	594	mg/kg	SW846 6010B	11/16-11/17/06	JHX671A1
		Dilution Factor: 1		Analysis Time..: 16:28	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 8.9	
Magnesium	1170	594	mg/kg	SW846 6010B	11/16-11/17/06	JHX671A2
		Dilution Factor: 1		Analysis Time..: 16:28	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 1.2	
Manganese	95.8 J-	1.8	mg/kg	SW846 6010B	11/16-11/17/06	JHX671A3
		Dilution Factor: 1		Analysis Time..: 16:28	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.014	
Sodium	63.2 ~~B~~ J	594	mg/kg	SW846 6010B	11/16-11/17/06	JHX671A4
		Dilution Factor: 1		Analysis Time..: 16:28	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 18.6	
Nickel	6.7	4.8	mg/kg	SW846 6010B	11/16-11/17/06	JHX671A5
		Dilution Factor: 1		Analysis Time..: 16:28	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.15	
Lead	2.7	0.36	mg/kg	SW846 6010B	11/16-11/17/06	JHX671A6
		Dilution Factor: 1		Analysis Time..: 16:28	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.19	
Selenium	0.52 ~~B~~ J	0.59	mg/kg	SW846 6010B	11/16-11/17/06	JHX671AA
		Dilution Factor: 1		Analysis Time..: 16:28	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.31	
Thallium	ND	1.2	mg/kg	SW846 6010B	11/16-11/17/06	JHX671AC
		Dilution Factor: 1		Analysis Time..: 16:28	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.54	

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The RETEC Group, Inc.

Client Sample ID: SB-21(9-10)

TOTAL Metals

Lot-Sample #...: C6K030390-006 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	ND UJ	1.2	mg/kg	SW846 6010B	11/16-11/17/06	JHX671AD
		Dilution Factor: 1		Analysis Time..: 16:28	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.38	
Vanadium	10.4	5.9	mg/kg	SW846 6010B	11/16-11/17/06	JHX671AE
		Dilution Factor: 1		Analysis Time..: 16:28	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.12	
Zinc	23.0 J	2.4	mg/kg	SW846 6010B	11/16-11/17/06	JHX671AF
		Dilution Factor: 1		Analysis Time..: 16:28	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.20	
Prep Batch #...: 6324025						
Mercury	0.014 B J	0.039	mg/kg	SW846 7471A	11/20/06	JHX671AG
		Dilution Factor: 1		Analysis Time..: 09:27	Analyst ID.....: 031043	
		Instrument ID..: HGHYDRA		MS Run #.....: 6324017	MDL.....: 0.0095	

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.

The RETEC Group, Inc.

Client Sample ID: SB22(18-20)

GC/MS Volatiles

Lot-Sample #...: C6K060148-004	Work Order #...: JH2Q31AK	Matrix.....: SO
Date Sampled...: 11/03/06	Date Received..: 11/06/06	MS Run #.....: 6316021
Prep Date.....: 11/12/06	Analysis Date..: 11/13/06	
Prep Batch #...: 6316062	Analysis Time..: 03:34	
Dilution Factor: 1	Initial Wgt/Vol: 5 g	Final Wgt/Vol..: 5 mL
% Moisture.....: 46	Analyst ID.....: 010099	Instrument ID..: HP3
	Method.....: SW846 8260B	

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	**52** J	**37**	**ug/kg**	**9.3**
Benzene	**83**	**9.3**	**ug/kg**	**1.0**
Bromodichloromethane	ND	9.3	ug/kg	0.46
Bromoform	ND	9.3	ug/kg	1.1
Bromomethane	ND	9.3	ug/kg	1.7
2-Butanone	**23** J	**9.3**	**ug/kg**	**2.6**
Carbon disulfide	ND	9.3	ug/kg	0.67
Carbon tetrachloride	ND	9.3	ug/kg	0.46
Chlorobenzene	ND	9.3	ug/kg	1.6
Chloroethane	ND	9.3	ug/kg	1.7
Chloroform	ND	9.3	ug/kg	0.46
Chloromethane	ND	9.3	ug/kg	0.53
Cyclohexane	ND	9.3	ug/kg	0.70
Dibromochloromethane	ND	9.3	ug/kg	0.48
1,2-Dibromo-3-chloro-propane	ND	9.3	ug/kg	0.87
1,2-Dibromoethane	ND	9.3	ug/kg	0.50
1,3-Dichlorobenzene	ND	9.3	ug/kg	1.7
1,4-Dichlorobenzene	ND	9.3	ug/kg	1.3
1,2-Dichlorobenzene	ND	9.3	ug/kg	1.7
Dichlorodifluoromethane	ND	9.3	ug/kg	0.94
1,1-Dichloroethane	ND	9.3	ug/kg	0.53
1,2-Dichloroethane	ND	9.3	ug/kg	0.56
1,1-Dichloroethene	ND	9.3	ug/kg	1.1
cis-1,2-Dichloroethene	ND	9.3	ug/kg	1.4
trans-1,2-Dichloroethene	ND	9.3	ug/kg	1.2
1,2-Dichloropropane	ND	9.3	ug/kg	1.2
cis-1,3-Dichloropropene	ND	9.3	ug/kg	0.53
trans-1,3-Dichloropropene	ND	9.3	ug/kg	0.51
Ethylbenzene	**150**	**9.3**	**ug/kg**	**1.7**
2-Hexanone	ND	9.3	ug/kg	1.5
Isopropylbenzene	**23** J	**9.3**	**ug/kg**	**2.1**
Methyl acetate	ND	9.3	ug/kg	4.6
Methylene chloride 9.3	~~6.0 J,B~~ U	**9.3**	**ug/kg**	**2.5**
Methylcyclohexane	ND	9.3	ug/kg	1.5
4-Methyl-2-pentanone	ND	9.3	ug/kg	1.6
Methyl tert-butyl ether	ND	9.3	ug/kg	0.76

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The RETEC Group, Inc.

Client Sample ID: SB22(18-20)

GC/MS Volatiles

Lot-Sample #...: C6K060148-004 **Work Order #...:** JH2Q31AK **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Styrene	ND	9.3	ug/kg	1.5
1,1,2,2-Tetrachloroethane	ND	9.3	ug/kg	0.84
1,2,4-Trichloro-benzene	ND	9.3	ug/kg	2.6
Tetrachloroethene	ND	9.3	ug/kg	1.4
1,1,1-Trichloroethane	ND	9.3	ug/kg	0.50
1,1,2-Trichloroethane	ND	9.3	ug/kg	1.3
Trichloroethene	ND	9.3	ug/kg	1.6
Trichlorofluoromethane	ND	9.3	ug/kg	2.2
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	9.3	ug/kg	0.64
Vinyl chloride	ND	9.3	ug/kg	1.2
Xylenes (total)	**230**	**28**	**ug/kg**	**5.1**
Toluene	**7.3 J**	**9.3**	**ug/kg**	**1.1**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	82	(52 - 124)
Toluene-d8	106	(72 - 127)
4-Bromofluorobenzene	98	(63 - 120)
Dibromofluoromethane	94	(68 - 121)

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.

The RETEC Group, Inc.

Client Sample ID: SB22(18-20)

GC/MS Semivolatiles

Lot-Sample #...:	C6K060148-004	**Work Order #...:**	JH2Q31AL	**Matrix.....:**	SO
Date Sampled...:	11/03/06	**Date Received..:**	11/06/06	**MS Run #.....:**	6313010
Prep Date.....:	11/09/06	**Analysis Date..:**	11/16/06		
Prep Batch #...:	6313022	**Analysis Time..:**	17:42		
Dilution Factor:	5	**Initial Wgt/Vol:**	15 g	**Final Wgt/Vol..:**	0.5 mL
% Moisture.....:	46	**Analyst ID.....:**	007062	**Instrument ID..:**	732
		Method.....:	SW846 8270C		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	**450 J**	**3100**	**ug/kg**	**68**
Acenaphthylene	ND	3100	ug/kg	65
Acetophenone	ND	3100	ug/kg	770
Anthracene	ND	3100	ug/kg	71
Atrazine	ND	3100	ug/kg	770
Benzo(a)anthracene	ND	3100	ug/kg	68
Benzo(a)pyrene	ND	3100	ug/kg	52
Benzo(b)fluoranthene	ND	3100	ug/kg	62
Benzo(ghi)perylene	ND	3100	ug/kg	59
Benzo(k)fluoranthene	ND	3100	ug/kg	61
Benzaldehyde	ND	3100	ug/kg	690
1,1'-Biphenyl	ND	3100	ug/kg	770
bis(2-Chloroethoxy) methane	ND	3100	ug/kg	69
bis(2-Chloroethyl)-ether	ND	3100	ug/kg	60
bis(2-Ethylhexyl) phthalate	ND	3100	ug/kg	190
4-Bromophenyl phenyl ether	ND	3100	ug/kg	150
Butyl benzyl phthalate	ND	3100	ug/kg	69
Caprolactam	ND	3100	ug/kg	770
Carbazole	**260 J**	**3100**	**ug/kg**	**71**
4-Chloroaniline	ND	3100	ug/kg	150
4-Chloro-3-methylphenol	ND	3100	ug/kg	67
2-Chloronaphthalene	ND	3100	ug/kg	66
2-Chlorophenol	ND	3100	ug/kg	49
4-Chlorophenyl phenyl ether	ND	3100	ug/kg	63
Chrysene	ND	3100	ug/kg	61
Dibenz(a,h)anthracene	ND	3100	ug/kg	51
Dibenzofuran	**360 J**	**3100**	**ug/kg**	**70**
3,3'-Dichlorobenzidine	ND	15000	ug/kg	76
2,4-Dichlorophenol	ND	3100	ug/kg	58
Diethyl phthalate	ND	3100	ug/kg	63
2,4-Dimethylphenol	ND	3100	ug/kg	50
Dimethyl phthalate	ND	3100	ug/kg	65

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The RETEC Group, Inc.

Client Sample ID: SB22(18-20)

GC/MS Semivolatiles

Lot-Sample #...: C6K060148-004 Work Order #...: JH2Q31AL Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-butyl phthalate	ND	3100	ug/kg	380
4,6-Dinitro-2-methylphenol	ND	15000	ug/kg	7700
2,4-Dinitrophenol	ND	15000	ug/kg	7700
2,4-Dinitrotoluene	ND	3100	ug/kg	32
2,6-Dinitrotoluene	ND	3100	ug/kg	44
Di-n-octyl phthalate	ND	3100	ug/kg	71
Fluoranthene	ND	3100	ug/kg	66
Fluorene	**310 J**	**3100**	**ug/kg**	**74**
Hexachlorobenzene	ND	3100	ug/kg	62
Hexachlorobutadiene	ND	3100	ug/kg	61
Hexachlorocyclopentadiene	ND	15000	ug/kg	250
Hexachloroethane	ND	3100	ug/kg	59
Indeno(1,2,3-cd)pyrene	ND	3100	ug/kg	62
Isophorone	ND	3100	ug/kg	59
2-Methylnaphthalene	**640 J**	**3100**	**ug/kg**	**76**
2-Methylphenol	ND	3100	ug/kg	69
4-Methylphenol	ND	3100	ug/kg	69
Naphthalene	~~35000 E~~ 36000	**3100**	**ug/kg**	**74**
2-Nitroaniline	ND	15000	ug/kg	38
3-Nitroaniline	ND	15000	ug/kg	1600
4-Nitroaniline	ND	15000	ug/kg	43
Nitrobenzene	ND	3100	ug/kg	100
2-Nitrophenol	ND	3100	ug/kg	56
4-Nitrophenol	ND	15000	ug/kg	42
N-Nitrosodi-n-propylamine	ND	3100	ug/kg	63
N-Nitrosodiphenylamine	ND	3100	ug/kg	640
2,2'-oxybis(1-Chloropropane)	ND UJ	3100	ug/kg	45
Pentachlorophenol	ND	15000	ug/kg	4200
Phenanthrene	**360 J**	**3100**	**ug/kg**	**74**
Phenol	ND	3100	ug/kg	64
Pyrene	**95 J**	**3100**	**ug/kg**	**76**
2,4,5-Trichlorophenol	ND	3100	ug/kg	180
2,4,6-Trichlorophenol	ND	3100	ug/kg	53

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Yup
1-20-07

The RETEC Group, Inc.

Client Sample ID: SB22(18-20)

GC/MS Semivolatiles

Lot-Sample #...: C6K060148-004 **Work Order #...:** JH2Q31AL **Matrix.....:** SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	61	(21 - 144)
2-Fluorobiphenyl	64	(26 - 128)
2-Fluorophenol	64	(34 - 115)
Nitrobenzene-d5	54	(30 - 118)
Phenol-d5	54	(35 - 117)
Terphenyl-d14	79	(40 - 115)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

E Estimated result. Result concentration exceeds the calibration range.

The RETEC Group, Inc.

Client Sample ID: SB22(18-20) JL

GC/MS Semivolatiles

Lot-Sample #...:	C6K060148-004	**Work Order #...:**	JH2Q32AL	**Matrix.....:**	SO
Date Sampled...:	11/03/06	**Date Received..:**	11/06/06	**MS Run #.....:**	6313010
Prep Date.....:	11/09/06	**Analysis Date..:**	11/20/06		
Prep Batch #...:	6313022	**Analysis Time..:**	15:48		
Dilution Factor:	10	**Initial Wgt/Vol:**	15 g	**Final Wgt/Vol..:**	0.5 mL
% Moisture.....:	46	**Analyst ID.....:**	007062	**Instrument ID..:**	732
		Method.....:	SW846 8270C		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	**550 J**	**6100**	**ug/kg**	**140**
Acenaphthylene	ND	6100	ug/kg	130
Acetophenone	ND	6100	ug/kg	1500
Anthracene	ND	6100	ug/kg	140
Atrazine	ND	6100	ug/kg	1500
Benzo(a)anthracene	ND	6100	ug/kg	140
Benzo(a)pyrene	ND	6100	ug/kg	100
Benzo(b)fluoranthene	ND	6100	ug/kg	120
Benzo(ghi)perylene	ND	6100	ug/kg	120
Benzo(k)fluoranthene	ND	6100	ug/kg	120
Benzaldehyde	ND	6100	ug/kg	1400
1,1'-Biphenyl	ND	6100	ug/kg	1500
bis(2-Chloroethoxy) methane	ND	6100	ug/kg	140
bis(2-Chloroethyl)-ether	ND	6100	ug/kg	120
bis(2-Ethylhexyl) phthalate	ND	6100	ug/kg	380
4-Bromophenyl phenyl ether	ND	6100	ug/kg	310
Butyl benzyl phthalate	ND	6100	ug/kg	140
Caprolactam	ND	6100	ug/kg	1500
Carbazole	**320 J**	**6100**	**ug/kg**	**140**
4-Chloroaniline	ND	6100	ug/kg	310
4-Chloro-3-methylphenol	ND	6100	ug/kg	130
2-Chloronaphthalene	ND	6100	ug/kg	130
2-Chlorophenol	ND	6100	ug/kg	98
4-Chlorophenyl phenyl ether	ND	6100	ug/kg	130
Chrysene	ND	6100	ug/kg	120
Dibenz(a,h)anthracene	ND	6100	ug/kg	100
Dibenzofuran	**440 J**	**6100**	**ug/kg**	**140**
3,3'-Dichlorobenzidine	ND	30000	ug/kg	150
2,4-Dichlorophenol	ND	6100	ug/kg	120
Diethyl phthalate	ND	6100	ug/kg	130
2,4-Dimethylphenol	ND	6100	ug/kg	100
Dimethyl phthalate	ND	6100	ug/kg	130

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yup 1-20-07

The RETEC Group, Inc.

Client Sample ID: SB22(18-20) DL

GC/MS Semivolatiles

Lot-Sample #...: C6K060148-004 Work Order #...: JH2Q32AL Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-butyl phthalate	ND	6100	ug/kg	760
4,6-Dinitro-2-methylphenol	ND	30000	ug/kg	15000
2,4-Dinitrophenol	ND	30000	ug/kg	15000
2,4-Dinitrotoluene	ND	6100	ug/kg	65
2,6-Dinitrotoluene	ND	6100	ug/kg	88
Di-n-octyl phthalate	ND	6100	ug/kg	140
Fluoranthene	ND	6100	ug/kg	130
Fluorene	**360 J**	**6100**	**ug/kg**	**150**
Hexachlorobenzene	ND	6100	ug/kg	120
Hexachlorobutadiene	ND	6100	ug/kg	120
Hexachlorocyclopentadiene	ND	30000	ug/kg	500
Hexachloroethane	ND	6100	ug/kg	120
Indeno(1,2,3-cd)pyrene	ND	6100	ug/kg	120
Isophorone	ND	6100	ug/kg	120
2-Methylnaphthalene	**830 J**	**6100**	**ug/kg**	**150**
2-Methylphenol	ND	6100	ug/kg	140
4-Methylphenol	ND	6100	ug/kg	140
Naphthalene	**30000**	**6100**	**ug/kg**	**150**
2-Nitroaniline	ND	30000	ug/kg	77
3-Nitroaniline	ND	30000	ug/kg	3100
4-Nitroaniline	ND	30000	ug/kg	87
Nitrobenzene	ND	6100	ug/kg	200
2-Nitrophenol	ND	6100	ug/kg	110
4-Nitrophenol	ND	30000	ug/kg	83
N-Nitrosodi-n-propylamine	ND	6100	ug/kg	130
N-Nitrosodiphenylamine	ND	6100	ug/kg	1300
2,2'-oxybis(1-Chloropropane)	ND	6100	ug/kg	90
Pentachlorophenol	ND	30000	ug/kg	8500
Phenanthrene	**360 J**	**6100**	**ug/kg**	**150**
Phenol	ND	6100	ug/kg	130
Pyrene	ND	6100	ug/kg	150
2,4,5-Trichlorophenol	ND	6100	ug/kg	350
2,4,6-Trichlorophenol	ND	6100	ug/kg	110

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Yap
1-20-07

The RETEC Group, Inc.

Client Sample ID: SB22(18-20) JL

GC/MS Semivolatiles

Lot-Sample #...: C6K060148-004 Work Order #...: JH2Q32AL Matrix.....: SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	73	(21 - 144)
2-Fluorobiphenyl	75	(26 - 128)
2-Fluorophenol	73	(34 - 115)
Nitrobenzene-d5	72	(30 - 118)
Phenol-d5	76	(35 - 117)
Terphenyl-d14	74	(40 - 115)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

Naphthalene result was transposed over original (5x) result.

JLP
1-20-07

The RETEC Group, Inc.

Client Sample ID: SB22(18-20)

TOTAL Metals

Lot-Sample #...: C6K060148-004 Matrix.....: SO
Date Sampled...: 11/03/06 Date Received..: 11/06/06
% Moisture.....: 46

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 6318073						
Silver	ND	0.93	mg/kg	SW846 6010B	11/14-11/16/06	JH2Q31AM
		Dilution Factor: 1		Analysis Time..: 17:58	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318048	MDL.....: 0.055	
Aluminum	9570	37.2	mg/kg	SW846 6010B	11/14-11/16/06	JH2Q31AN
		Dilution Factor: 1		Analysis Time..: 17:58	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318048	MDL.....: 1.5	
Arsenic	6.9	1.9	mg/kg	SW846 6010B	11/14-11/16/06	JH2Q31AP
		Dilution Factor: 1		Analysis Time..: 17:58	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318048	MDL.....: 0.61	
Barium	64.7	37.2	mg/kg	SW846 6010B	11/14-11/16/06	JH2Q31AQ
		Dilution Factor: 1		Analysis Time..: 17:58	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318048	MDL.....: 0.19	
Beryllium	1.1 J	0.74	mg/kg	SW846 6010B	11/14-11/16/06	JH2Q31AR
		Dilution Factor: 1		Analysis Time..: 17:58	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318048	MDL.....: 0.078	
Calcium	4900 J-	930	mg/kg	SW846 6010B	11/14-11/16/06	JH2Q31AT
		Dilution Factor: 1		Analysis Time..: 17:58	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318048	MDL.....: 7.4	
Cadmium	ND	0.93	mg/kg	SW846 6010B	11/14-11/16/06	JH2Q31AU
		Dilution Factor: 1		Analysis Time..: 17:58	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318048	MDL.....: 0.13	
Cobalt	8.9 B J	9.3	mg/kg	SW846 6010B	11/14-11/16/06	JH2Q31AV
		Dilution Factor: 1		Analysis Time..: 17:58	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318048	MDL.....: 0.098	
Chromium	14.4	0.93	mg/kg	SW846 6010B	11/14-11/16/06	JH2Q31AW
		Dilution Factor: 1		Analysis Time..: 17:58	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318048	MDL.....: 0.17	

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JLP
1-20-07

The RETEC Group, Inc.

Client Sample ID: SB22(18-20)

TOTAL Metals

Lot-Sample #...: C6K060148-004 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Copper	21.3 J	4.6	mg/kg	SW846 6010B	11/14-11/16/06	JH2Q31AX
		Dilution Factor: 1		Analysis Time..: 17:58	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318048	MDL.....: 0.21	
Iron	18200	18.6	mg/kg	SW846 6010B	11/14-11/16/06	JH2Q31A0
		Dilution Factor: 1		Analysis Time..: 17:58	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318048	MDL.....: 3.4	
Potassium	1210 J	930	mg/kg	SW846 6010B	11/14-11/16/06	JH2Q31A1
		Dilution Factor: 1		Analysis Time..: 17:58	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318048	MDL.....: 13.9	
Magnesium	3980	930	mg/kg	SW846 6010B	11/14-11/16/06	JH2Q31A2
		Dilution Factor: 1		Analysis Time..: 17:58	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318048	MDL.....: 1.9	
Manganese	180 J	2.8	mg/kg	SW846 6010B	11/14-11/16/06	JH2Q31A3
		Dilution Factor: 1		Analysis Time..: 17:58	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318048	MDL.....: 0.021	
Sodium	2570	930	mg/kg	SW846 6010B	11/14-11/16/06	JH2Q31A4
		Dilution Factor: 1		Analysis Time..: 17:58	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318048	MDL.....: 29.1	
Nickel	21.1 J	7.4	mg/kg	SW846 6010B	11/14-11/16/06	JH2Q31A5
		Dilution Factor: 1		Analysis Time..: 17:58	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318048	MDL.....: 0.23	
Lead	9.0 J-	0.56	mg/kg	SW846 6010B	11/14-11/16/06	JH2Q31A6
		Dilution Factor: 1		Analysis Time..: 17:58	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318048	MDL.....: 0.29	
Selenium	0.66 J	0.93	mg/kg	SW846 6010B	11/14-11/16/06	JH2Q31AA
		Dilution Factor: 1		Analysis Time..: 17:58	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318048	MDL.....: 0.49	
Thallium	ND	1.9	mg/kg	SW846 6010B	11/14-11/16/06	JH2Q31AC
		Dilution Factor: 1		Analysis Time..: 17:58	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318048	MDL.....: 0.85	

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YLD
1-20-07

The RETEC Group, Inc.

Client Sample ID: SB22(18-20)

TOTAL Metals

Lot-Sample #...: C6K060148-004 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	ND UJ	1.9	mg/kg	SW846 6010B	11/14-11/16/06	JH2Q31AD
		Dilution Factor: 1		Analysis Time..: 17:58	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318048	MDL.....: 0.59	
Vanadium	23.5	9.3	mg/kg	SW846 6010B	11/14-11/16/06	JH2Q31AE
		Dilution Factor: 1		Analysis Time..: 17:58	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318048	MDL.....: 0.19	
Zinc	57.6 ~~J~~ J	3.7	mg/kg	SW846 6010B	11/14-11/16/06	JH2Q31AF
		Dilution Factor: 1		Analysis Time..: 17:58	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318048	MDL.....: 0.31	
Prep Batch #...: 6325034						
Mercury	0.030 ~~B~~ J	0.061	mg/kg	SW846 7471A	11/21/06	JH2Q31AG
		Dilution Factor: 1		Analysis Time..: 09:30	Analyst ID.....: 031043	
		Instrument ID..: HGHYDRA		MS Run #.....: 6325024	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.

yap
1-20-07

The RETEC Group, Inc.

Client Sample ID: SB220(18-20)

GC/MS Volatiles

Lot-Sample #...:	C6K060148-005	**Work Order #...:**	JH2Q41AK	**Matrix.....:**	SO
Date Sampled...:	11/03/06	**Date Received..:**	11/06/06	**MS Run #.....:**	6316021
Prep Date.....:	11/12/06	**Analysis Date..:**	11/13/06		
Prep Batch #...:	6316062	**Analysis Time..:**	03:58		
Dilution Factor:	1	**Initial Wgt/Vol:**	5 g	**Final Wgt/Vol..:**	5 mL
% Moisture.....:	50	**Analyst ID.....:**	010099	**Instrument ID..:**	HP3
		Method.....:	SW846 8260B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	**110** J	**40**	**ug/kg**	**10**
Benzene	**71**	**10**	**ug/kg**	**1.1**
Bromodichloromethane	ND	10	ug/kg	0.50
Bromoform	ND	10	ug/kg	1.2
Bromomethane	ND	10	ug/kg	1.9
2-Butanone	**41** J	**10**	**ug/kg**	**2.8**
Carbon disulfide	ND	10	ug/kg	0.73
Carbon tetrachloride	ND	10	ug/kg	0.50
Chlorobenzene	ND	10	ug/kg	1.7
Chloroethane	ND	10	ug/kg	1.9
Chloroform	ND	10	ug/kg	0.50
Chloromethane	ND	10	ug/kg	0.58
Cyclohexane	ND	10	ug/kg	0.76
Dibromochloromethane	ND	10	ug/kg	0.53
1,2-Dibromo-3-chloro-propane	ND	10	ug/kg	0.94
1,2-Dibromoethane	ND	10	ug/kg	0.54
1,3-Dichlorobenzene	ND	10	ug/kg	1.8
1,4-Dichlorobenzene	ND	10	ug/kg	1.4
1,2-Dichlorobenzene	ND	10	ug/kg	1.9
Dichlorodifluoromethane	ND	10	ug/kg	1.0
1,1-Dichloroethane	ND	10	ug/kg	0.58
1,2-Dichloroethane	ND	10	ug/kg	0.61
1,1-Dichloroethene	ND	10	ug/kg	1.2
cis-1,2-Dichloroethene	ND	10	ug/kg	1.5
trans-1,2-Dichloroethene	ND	10	ug/kg	1.3
1,2-Dichloropropane	ND	10	ug/kg	1.3
cis-1,3-Dichloropropene	ND	10	ug/kg	0.58
trans-1,3-Dichloropropene	ND	10	ug/kg	0.56
Ethylbenzene	**210**	**10**	**ug/kg**	**1.9**
2-Hexanone	ND	10	ug/kg	1.6
Isopropylbenzene	**13** J	**10**	**ug/kg**	**2.3**
Methyl acetate	ND	10	ug/kg	5.0
Methylene chloride 10	~~**7.2 J,B**~~ U	**10**	**ug/kg**	**2.7**
Methylcyclohexane	ND	10	ug/kg	1.6
4-Methyl-2-pentanone	ND	10	ug/kg	1.7
Methyl tert-butyl ether	ND	10	ug/kg	0.83

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Jap
1-20-07

The RETEC Group, Inc.

Client Sample ID: SB220(18-20)

GC/MS Volatiles

Lot-Sample #...: C6K060148-005 **Work Order #...:** JH2Q41AK **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Styrene	ND	10	ug/kg	1.6
1,1,2,2-Tetrachloroethane	ND	10	ug/kg	0.91
1,2,4-Trichloro-benzene	ND	10	ug/kg	2.8
Tetrachloroethene	ND	10	ug/kg	1.5
1,1,1-Trichloroethane	ND	10	ug/kg	0.55
1,1,2-Trichloroethane	ND	10	ug/kg	1.4
Trichloroethene	ND	10	ug/kg	1.7
Trichlorofluoromethane	ND	10	ug/kg	2.4
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	10	ug/kg	0.70
Vinyl chloride	ND	10	ug/kg	1.3
Xylenes (total)	**260**	**30**	**ug/kg**	**5.5**
Toluene	**6.3 J**	**10**	**ug/kg**	**1.2**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	87	(52 - 124)
Toluene-d8	106	(72 - 127)
4-Bromofluorobenzene	95	(63 - 120)
Dibromofluoromethane	94	(68 - 121)

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.

The RETEC Group, Inc.

Client Sample ID: SB220(18-20)

GC/MS Semivolatiles

Lot-Sample #...:	C6K060148-005	**Work Order #...:**	JH2Q41AL	**Matrix.....:**	SO
Date Sampled...:	11/03/06	**Date Received..:**	11/06/06	**MS Run #.....:**	6313010
Prep Date.....:	11/09/06	**Analysis Date..:**	11/16/06		
Prep Batch #...:	6313022	**Analysis Time..:**	18:09		
Dilution Factor:	5	**Initial Wgt/Vol:**	15 g	**Final Wgt/Vol..:**	0.5 mL
% Moisture.....:	50	**Analyst ID.....:**	007062	**Instrument ID..:**	732
		Method.....:	SW846 8270C		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	**220 J**	**3300**	**ug/kg**	**73**
Acenaphthylene	ND	3300	ug/kg	70
Acetophenone	ND	3300	ug/kg	840
Anthracene	ND	3300	ug/kg	77
Atrazine	ND	3300	ug/kg	840
Benzo(a)anthracene	ND	3300	ug/kg	74
Benzo(a)pyrene	ND	3300	ug/kg	56
Benzo(b)fluoranthene	ND	3300	ug/kg	67
Benzo(ghi)perylene	ND	3300	ug/kg	64
Benzo(k)fluoranthene	ND	3300	ug/kg	66
Benzaldehyde	ND	3300	ug/kg	750
1,1'-Biphenyl	ND	3300	ug/kg	840
bis(2-Chloroethoxy) methane	ND	3300	ug/kg	75
bis(2-Chloroethyl)-ether	ND	3300	ug/kg	65
bis(2-Ethylhexyl) phthalate	ND	3300	ug/kg	210
4-Bromophenyl phenyl ether	ND	3300	ug/kg	170
Butyl benzyl phthalate	ND	3300	ug/kg	74
Caprolactam	ND	3300	ug/kg	840
Carbazole	**110 J**	**3300**	**ug/kg**	**77**
4-Chloroaniline	ND	3300	ug/kg	170
4-Chloro-3-methylphenol	ND	3300	ug/kg	73
2-Chloronaphthalene	ND	3300	ug/kg	71
2-Chlorophenol	ND	3300	ug/kg	53
4-Chlorophenyl phenyl ether	ND	3300	ug/kg	69
Chrysene	ND	3300	ug/kg	66
Dibenz(a,h)anthracene	ND	3300	ug/kg	55
Dibenzofuran	**130 J**	**3300**	**ug/kg**	**76**
3,3'-Dichlorobenzidine	ND	16000	ug/kg	83
2,4-Dichlorophenol	ND	3300	ug/kg	63
Diethyl phthalate	ND	3300	ug/kg	68
2,4-Dimethylphenol	ND	3300	ug/kg	54
Dimethyl phthalate	ND	3300	ug/kg	70

(Continued on next page)

The RETEC Group, Inc.

Client Sample ID: SB220(18-20)

GC/MS Semivolatiles

Lot-Sample #...: C6K060148-005 Work Order #...: JH2Q41AL Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-butyl phthalate	ND	3300	ug/kg	410
4,6-Dinitro-2-methylphenol	ND	16000	ug/kg	8400
2,4-Dinitrophenol	ND	16000	ug/kg	8400
2,4-Dinitrotoluene	ND	3300	ug/kg	35
2,6-Dinitrotoluene	ND	3300	ug/kg	48
Di-n-octyl phthalate	ND	3300	ug/kg	78
Fluoranthene	ND	3300	ug/kg	71
Fluorene	**140 J**	**3300**	**ug/kg**	**80**
Hexachlorobenzene	ND	3300	ug/kg	68
Hexachlorobutadiene	ND	3300	ug/kg	66
Hexachlorocyclopentadiene	ND	16000	ug/kg	270
Hexachloroethane	ND	3300	ug/kg	64
Indeno(1,2,3-cd)pyrene	ND	3300	ug/kg	67
Isophorone	ND	3300	ug/kg	64
2-Methylnaphthalene	**430 J**	**3300**	**ug/kg**	**82**
2-Methylphenol	ND	3300	ug/kg	75
4-Methylphenol	ND	3300	ug/kg	75
Naphthalene	**~~33000 E~~ 27000**	**3300**	**ug/kg**	**80**
2-Nitroaniline	ND	16000	ug/kg	42
3-Nitroaniline	ND	16000	ug/kg	1700
4-Nitroaniline	ND	16000	ug/kg	47
Nitrobenzene	ND	3300	ug/kg	110
2-Nitrophenol	ND	3300	ug/kg	60
4-Nitrophenol	ND	16000	ug/kg	45
N-Nitrosodi-n-propylamine	ND	3300	ug/kg	68
N-Nitrosodiphenylamine	ND	3300	ug/kg	700
2,2'-oxybis(1-Chloropropane)	ND UJ	3300	ug/kg	49
Pentachlorophenol	ND	16000	ug/kg	4600
Phenanthrene	**190 J**	**3300**	**ug/kg**	**80**
Phenol	ND	3300	ug/kg	69
Pyrene	ND	3300	ug/kg	82
2,4,5-Trichlorophenol	ND	3300	ug/kg	190
2,4,6-Trichlorophenol	ND	3300	ug/kg	58

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Yup
1-20-07

The RETEC Group, Inc.

Client Sample ID: SB220(18-20)

GC/MS Semivolatiles

Lot-Sample #...: C6K060148-005 **Work Order #...:** JH2Q41AL **Matrix.....:** SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	53	(21 - 144)
2-Fluorobiphenyl	54	(26 - 128)
2-Fluorophenol	50	(34 - 115)
Nitrobenzene-d5	41	(30 - 118)
Phenol-d5	44	(35 - 117)
Terphenyl-d14	73	(40 - 115)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

E Estimated result. Result concentration exceeds the calibration range.

The RETEC Group, Inc.

Client Sample ID: SB220(18-20) DL

GC/MS Semivolatiles

Lot-Sample #...:	C6K060148-005	**Work Order #...:**	JH2Q42AL	**Matrix.....:**	SO
Date Sampled...:	11/03/06	**Date Received..:**	11/06/06	**MS Run #.....:**	6313010
Prep Date.....:	11/09/06	**Analysis Date..:**	11/20/06		
Prep Batch #...:	6313022	**Analysis Time..:**	16:15		
Dilution Factor:	10	**Initial Wgt/Vol:**	15 g	**Final Wgt/Vol..:**	0.5 mL
% Moisture.....:	50	**Analyst ID.....:**	007062	**Instrument ID..:**	732
		Method.....:	SW846 8270C		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	**210 J**	**6700**	**ug/kg**	**150**
Acenaphthylene	ND	6700	ug/kg	140
Acetophenone	ND	6700	ug/kg	1700
Anthracene	ND	6700	ug/kg	150
Atrazine	ND	6700	ug/kg	1700
Benzo(a)anthracene	ND	6700	ug/kg	150
Benzo(a)pyrene	ND	6700	ug/kg	110
Benzo(b)fluoranthene	ND	6700	ug/kg	130
Benzo(ghi)perylene	ND	6700	ug/kg	130
Benzo(k)fluoranthene	ND	6700	ug/kg	130
Benzaldehyde	ND	6700	ug/kg	1500
1,1'-Biphenyl	ND	6700	ug/kg	1700
bis(2-Chloroethoxy) methane	ND	6700	ug/kg	150
bis(2-Chloroethyl)-ether	ND	6700	ug/kg	130
bis(2-Ethylhexyl) phthalate	ND	6700	ug/kg	420
4-Bromophenyl phenyl ether	ND	6700	ug/kg	340
Butyl benzyl phthalate	ND	6700	ug/kg	150
Caprolactam	ND	6700	ug/kg	1700
Carbazole	ND	6700	ug/kg	150
4-Chloroaniline	ND	6700	ug/kg	340
4-Chloro-3-methylphenol	ND	6700	ug/kg	150
2-Chloronaphthalene	ND	6700	ug/kg	140
2-Chlorophenol	ND	6700	ug/kg	110
4-Chlorophenyl phenyl ether	ND	6700	ug/kg	140
Chrysene	ND	6700	ug/kg	130
Dibenz(a,h)anthracene	ND	6700	ug/kg	110
Dibenzofuran	**150 J**	**6700**	**ug/kg**	**150**
3,3'-Dichlorobenzidine	ND	32000	ug/kg	170
2,4-Dichlorophenol	ND	6700	ug/kg	130
Diethyl phthalate	ND	6700	ug/kg	140
2,4-Dimethylphenol	ND	6700	ug/kg	110
Dimethyl phthalate	ND	6700	ug/kg	140

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YUP
1-20-07

The RETEC Group, Inc.

Client Sample ID: SB220(18-20)DL

GC/MS Semivolatiles

Lot-Sample #...: C6K060148-005 Work Order #...: JH2Q42AL Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-butyl phthalate	ND	6700	ug/kg	820
4,6-Dinitro-2-methylphenol	ND	32000	ug/kg	17000
2,4-Dinitrophenol	ND	32000	ug/kg	17000
2,4-Dinitrotoluene	ND	6700	ug/kg	70
2,6-Dinitrotoluene	ND	6700	ug/kg	96
Di-n-octyl phthalate	ND	6700	ug/kg	160
Fluoranthene	ND	6700	ug/kg	140
Fluorene	ND	6700	ug/kg	160
Hexachlorobenzene	ND	6700	ug/kg	140
Hexachlorobutadiene	ND	6700	ug/kg	130
Hexachlorocyclopentadiene	ND	32000	ug/kg	540
Hexachloroethane	ND	6700	ug/kg	130
Indeno(1,2,3-cd)pyrene	ND	6700	ug/kg	130
Isophorone	ND	6700	ug/kg	130
2-Methylnaphthalene	**470 J**	**6700**	**ug/kg**	**160**
2-Methylphenol	ND	6700	ug/kg	150
4-Methylphenol	ND	6700	ug/kg	150
Naphthalene	**27000**	**6700**	**ug/kg**	**160**
2-Nitroaniline	ND	32000	ug/kg	83
3-Nitroaniline	ND	32000	ug/kg	3400
4-Nitroaniline	ND	32000	ug/kg	94
Nitrobenzene	ND	6700	ug/kg	220
2-Nitrophenol	ND	6700	ug/kg	120
4-Nitrophenol	ND	32000	ug/kg	90
N-Nitrosodi-n-propylamine	ND	6700	ug/kg	140
N-Nitrosodiphenylamine	ND	6700	ug/kg	1400
2,2'-oxybis(1-Chloropropane)	ND	6700	ug/kg	97
Pentachlorophenol	ND	32000	ug/kg	9200
Phenanthrene	ND	6700	ug/kg	160
Phenol	ND	6700	ug/kg	140
Pyrene	ND	6700	ug/kg	160
2,4,5-Trichlorophenol	ND	6700	ug/kg	380
2,4,6-Trichlorophenol	ND	6700	ug/kg	120

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1-20-07

The RETEC Group, Inc.

Client Sample ID: SB220(18-20)DL

GC/MS Semivolatiles

Lot-Sample #...: C6K060148-005 Work Order #...: JH2Q42AL Matrix.....: SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	59	(21 - 144)
2-Fluorobiphenyl	58	(26 - 128)
2-Fluorophenol	49	(34 - 115)
Nitrobenzene-d5	51	(30 - 118)
Phenol-d5	56	(35 - 117)
Terphenyl-d14	63	(40 - 115)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

Naphthalene ~~[illegible]~~ result was transposed over original (5x) result.

GLP
1-20-07

The RETEC Group, Inc.

Client Sample ID: SB220(18-20)

TOTAL Metals

Lot-Sample #...: C6K060148-005 Matrix.....: SO
Date Sampled...: 11/03/06 Date Received..: 11/06/06
% Moisture.....: 50

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 6318073						
Silver	ND	1.0	mg/kg	SW846 6010B	11/14-11/16/06	JH2Q41AM
		Dilution Factor: 1		Analysis Time..: 18:03	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318048	MDL.....: 0.060	
Aluminum	9870	40.3	mg/kg	SW846 6010B	11/14-11/16/06	JH2Q41AN
		Dilution Factor: 1		Analysis Time..: 18:03	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318048	MDL.....: 1.6	
Arsenic	9.5	2.0	mg/kg	SW846 6010B	11/14-11/16/06	JH2Q41AP
		Dilution Factor: 1		Analysis Time..: 18:03	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318048	MDL.....: 0.66	
Barium	75.8	40.3	mg/kg	SW846 6010B	11/14-11/16/06	JH2Q41AQ
		Dilution Factor: 1		Analysis Time..: 18:03	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318048	MDL.....: 0.20	
Beryllium	1.1 J	0.81	mg/kg	SW846 6010B	11/14-11/16/06	JH2Q41AR
		Dilution Factor: 1		Analysis Time..: 18:03	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318048	MDL.....: 0.084	
Calcium	5560 J-	1010	mg/kg	SW846 6010B	11/14-11/16/06	JH2Q41AT
		Dilution Factor: 1		Analysis Time..: 18:03	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318048	MDL.....: 8.0	
Cadmium	ND	1.0	mg/kg	SW846 6010B	11/14-11/16/06	JH2Q41AU
		Dilution Factor: 1		Analysis Time..: 18:03	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318048	MDL.....: 0.14	
Cobalt	10.5 J	10.1	mg/kg	SW846 6010B	11/14-11/16/06	JH2Q41AV
		Dilution Factor: 1		Analysis Time..: 18:03	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318048	MDL.....: 0.11	
Chromium	15.2	1.0	mg/kg	SW846 6010B	11/14-11/16/06	JH2Q41AW
		Dilution Factor: 1		Analysis Time..: 18:03	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318048	MDL.....: 0.19	

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Yup
1-20-07

The RETEC Group, Inc.

Client Sample ID: SB220(18-20)

TOTAL Metals

Lot-Sample #...: C6K060148-005 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Copper	26.1 J	5.0	mg/kg	SW846 6010B	11/14-11/16/06	JH2Q41AX
		Dilution Factor: 1		Analysis Time..: 18:03	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318048	MDL.....: 0.23	
Iron	21800	20.2	mg/kg	SW846 6010B	11/14-11/16/06	JH2Q41A0
		Dilution Factor: 1		Analysis Time..: 18:03	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318048	MDL.....: 3.6	
Potassium	1410 J	1010	mg/kg	SW846 6010B	11/14-11/16/06	JH2Q41A1
		Dilution Factor: 1		Analysis Time..: 18:03	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318048	MDL.....: 15.1	
Magnesium	3960	1010	mg/kg	SW846 6010B	11/14-11/16/06	JH2Q41A2
		Dilution Factor: 1		Analysis Time..: 18:03	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318048	MDL.....: 2.1	
Manganese	205 J	3.0	mg/kg	SW846 6010B	11/14-11/16/06	JH2Q41A3
		Dilution Factor: 1		Analysis Time..: 18:03	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318048	MDL.....: 0.023	
Sodium	3240	1010	mg/kg	SW846 6010B	11/14-11/16/06	JH2Q41A4
		Dilution Factor: 1		Analysis Time..: 18:03	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318048	MDL.....: 31.6	
Nickel	25.9 J	8.1	mg/kg	SW846 6010B	11/14-11/16/06	JH2Q41A5
		Dilution Factor: 1		Analysis Time..: 18:03	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318048	MDL.....: 0.25	
Lead	10.2 J-	0.61	mg/kg	SW846 6010B	11/14-11/16/06	JH2Q41A6
		Dilution Factor: 1		Analysis Time..: 18:03	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318048	MDL.....: 0.32	
Selenium	0.99 B J	1.0	mg/kg	SW846 6010B	11/14-11/16/06	JH2Q41AA
		Dilution Factor: 1		Analysis Time..: 18:03	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318048	MDL.....: 0.53	
Thallium	ND	2.0	mg/kg	SW846 6010B	11/14-11/16/06	JH2Q41AC
		Dilution Factor: 1		Analysis Time..: 18:03	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318048	MDL.....: 0.92	

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Yup
1-20-07

The RETEC Group, Inc.

Client Sample ID: SB220(18-20)

TOTAL Metals

Lot-Sample #...: C6K060148-005 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	ND UJ	2.0	mg/kg	SW846 6010B	11/14-11/16/06	JH2Q41AD
		Dilution Factor: 1		Analysis Time..: 18:03	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318048	MDL.....: 0.64	
Vanadium	24.2	10.1	mg/kg	SW846 6010B	11/14-11/16/06	JH2Q41AE
		Dilution Factor: 1		Analysis Time..: 18:03	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318048	MDL.....: 0.21	
Zinc	68.6 J	4.0	mg/kg	SW846 6010B	11/14-11/16/06	JH2Q41AF
		Dilution Factor: 1		Analysis Time..: 18:03	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318048	MDL.....: 0.34	
Prep Batch #...: 6325034						
Mercury	0.040 B J	0.067	mg/kg	SW846 7471A	11/21/06	JH2Q41AG
		Dilution Factor: 1		Analysis Time..: 09:35	Analyst ID.....: 031043	
		Instrument ID..: HGHYDRA		MS Run #.....: 6325024	MDL.....: 0.016	

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.

JCP
1-20-07

The RETEC Group, Inc.

Client Sample ID: SB23(6-7)

GC/MS Volatiles

Lot-Sample #...: C6K060148-002	**Work Order #...:** JH2QX1AK	**Matrix.....:** SO
Date Sampled...: 11/03/06	**Date Received..:** 11/06/06	**MS Run #.....:** 6314047
Prep Date.....: 11/10/06	**Analysis Date..:** 11/10/06	
Prep Batch #...: 6314052	**Analysis Time..:** 15:33	
Dilution Factor: 1	**Initial Wgt/Vol:** 5 g	**Final Wgt/Vol..:** 5 mL
% Moisture.....: 17	**Analyst ID.....:** 010099	**Instrument ID..:** HP3
	Method.....: SW846 8260B	

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	**17 J**	**24**	**ug/kg**	**6.0**
Benzene	ND	6.0	ug/kg	0.66
Bromodichloromethane	ND	6.0	ug/kg	0.30
Bromoform	ND	6.0	ug/kg	0.73
Bromomethane	ND	6.0	ug/kg	1.1
2-Butanone	ND	6.0	ug/kg	1.7
Carbon disulfide	ND	6.0	ug/kg	0.43
Carbon tetrachloride	ND	6.0	ug/kg	0.30
Chlorobenzene	ND	6.0	ug/kg	1.0
Chloroethane	ND	6.0	ug/kg	1.1
Chloroform	ND	6.0	ug/kg	0.30
Chloromethane	ND	6.0	ug/kg	0.34
Cyclohexane	ND	6.0	ug/kg	0.45
Dibromochloromethane	ND	6.0	ug/kg	0.31
1,2-Dibromo-3-chloro-propane	ND	6.0	ug/kg	0.56
1,2-Dibromoethane	ND	6.0	ug/kg	0.32
1,3-Dichlorobenzene	ND	6.0	ug/kg	1.1
1,4-Dichlorobenzene	ND	6.0	ug/kg	0.82
1,2-Dichlorobenzene	ND	6.0	ug/kg	1.1
Dichlorodifluoromethane	ND	6.0	ug/kg	0.61
1,1-Dichloroethane	ND	6.0	ug/kg	0.35
1,2-Dichloroethane	ND	6.0	ug/kg	0.36
1,1-Dichloroethene	ND	6.0	ug/kg	0.71
cis-1,2-Dichloroethene	ND	6.0	ug/kg	0.90
trans-1,2-Dichloroethene	ND	6.0	ug/kg	0.78
1,2-Dichloropropane	ND	6.0	ug/kg	0.75
cis-1,3-Dichloropropene	ND	6.0	ug/kg	0.35
trans-1,3-Dichloropropene	ND	6.0	ug/kg	0.33
Ethylbenzene	ND	6.0	ug/kg	1.1
2-Hexanone	ND	6.0	ug/kg	0.98
Isopropylbenzene	ND	6.0	ug/kg	1.4
Methyl acetate	ND	6.0	ug/kg	3.0
Methylene chloride 6.0	~~4.7 J,B~~ UJ LL	**6.0**	**ug/kg**	**1.6**
Methylcyclohexane	ND	6.0	ug/kg	0.94
4-Methyl-2-pentanone	ND	6.0	ug/kg	1.0
Methyl tert-butyl ether	ND	6.0	ug/kg	0.49

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YLP
1-20-07

The RETEC Group, Inc.

Client Sample ID: SB23(6-7)

GC/MS Volatiles

Lot-Sample #...: C6K060148-002 **Work Order #...:** JH2QX1AK **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Styrene	ND	6.0	ug/kg	0.96
1,1,2,2-Tetrachloroethane	ND	6.0	ug/kg	0.54
1,2,4-Trichloro-benzene	ND	6.0	ug/kg	1.7
Tetrachloroethene	ND	6.0	ug/kg	0.92
1,1,1-Trichloroethane	ND	6.0	ug/kg	0.33
1,1,2-Trichloroethane	ND	6.0	ug/kg	0.82
Trichloroethene	ND	6.0	ug/kg	1.0
Trichlorofluoromethane	ND	6.0	ug/kg	1.4
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	6.0	ug/kg	0.42
Vinyl chloride	ND	6.0	ug/kg	0.79
Xylenes (total)	ND	18	ug/kg	3.3
Toluene	ND	6.0	ug/kg	0.71

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	86	(52 - 124)
Toluene-d8	109	(72 - 127)
4-Bromofluorobenzene	99	(63 - 120)
Dibromofluoromethane	97	(68 - 121)

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.

The RETEC Group, Inc.

Client Sample ID: SB23(6-7)

GC/MS Semivolatiles

Lot-Sample #...:	C6K060148-002	**Work Order #...:**	JH2QX1AL	**Matrix.....:**	SO
Date Sampled...:	11/03/06	**Date Received..:**	11/06/06	**MS Run #.....:**	6313010
Prep Date.....:	11/09/06	**Analysis Date..:**	11/16/06		
Prep Batch #...:	6313022	**Analysis Time..:**	16:46		
Dilution Factor:	10	**Initial Wgt/Vol:**	15 g	**Final Wgt/Vol..:**	0.5 mL
% Moisture.....:	17	**Analyst ID.....:**	007062	**Instrument ID..:**	732
		Method.....:	SW846 8270C		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	**900 J**	**4000**	**ug/kg**	**87**
Acenaphthylene	**2600 J**	**4000**	**ug/kg**	**84**
Acetophenone	ND	4000	ug/kg	1000
Anthracene	**3900 J**	**4000**	**ug/kg**	**92**
Atrazine	ND	4000	ug/kg	1000
Benzo(a)anthracene	**13000**	**4000**	**ug/kg**	**88**
Benzo(a)pyrene	**14000**	**4000**	**ug/kg**	**67**
Benzo(b)fluoranthene	**14000**	**4000**	**ug/kg**	**80**
Benzo(ghi)perylene	**10000 J**	**4000**	**ug/kg**	**76**
Benzo(k)fluoranthene	**5300**	**4000**	**ug/kg**	**79**
Benzaldehyde	ND	4000	ug/kg	890
1,1'-Biphenyl	ND	4000	ug/kg	1000
bis(2-Chloroethoxy) methane	ND	4000	ug/kg	90
bis(2-Chloroethyl)-ether	ND	4000	ug/kg	78
bis(2-Ethylhexyl) phthalate	ND	4000	ug/kg	250
4-Bromophenyl phenyl ether	ND	4000	ug/kg	200
Butyl benzyl phthalate	ND	4000	ug/kg	89
Caprolactam	ND	4000	ug/kg	1000
Carbazole	**950 J**	**4000**	**ug/kg**	**92**
4-Chloroaniline	ND	4000	ug/kg	200
4-Chloro-3-methylphenol	ND	4000	ug/kg	87
2-Chloronaphthalene	ND	4000	ug/kg	85
2-Chlorophenol	ND	4000	ug/kg	63
4-Chlorophenyl phenyl ether	ND	4000	ug/kg	82
Chrysene	**12000**	**4000**	**ug/kg**	**78**
Dibenz(a,h)anthracene	**2500 J**	**4000**	**ug/kg**	**65**
Dibenzofuran	**690 J**	**4000**	**ug/kg**	**90**
3,3'-Dichlorobenzidine	ND	19000	ug/kg	99
2,4-Dichlorophenol	ND	4000	ug/kg	75
Diethyl phthalate	ND	4000	ug/kg	81
2,4-Dimethylphenol	ND	4000	ug/kg	64
Dimethyl phthalate	ND	4000	ug/kg	84

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YAP
1-20-07

The RETEC Group, Inc.

Client Sample ID: SB23(6-7)

GC/MS Semivolatiles

Lot-Sample #...: C6K060148-002 **Work Order #...:** JH2QX1AL **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-butyl phthalate	ND	4000	ug/kg	490
4,6-Dinitro-2-methylphenol	ND	19000	ug/kg	10000
2,4-Dinitrophenol	ND	19000	ug/kg	10000
2,4-Dinitrotoluene	ND	4000	ug/kg	42
2,6-Dinitrotoluene	ND	4000	ug/kg	57
Di-n-octyl phthalate	ND	4000	ug/kg	92
Fluoranthene	**18000**	**4000**	**ug/kg**	**85**
Fluorene	**2600 J**	**4000**	**ug/kg**	**96**
Hexachlorobenzene	ND	4000	ug/kg	81
Hexachlorobutadiene	ND	4000	ug/kg	78
Hexachlorocyclopentadiene	ND	19000	ug/kg	320
Hexachloroethane	ND	4000	ug/kg	77
Indeno(1,2,3-cd)pyrene	**11000**	**4000**	**ug/kg**	**80**
Isophorone	ND	4000	ug/kg	77
2-Methylnaphthalene	**1100 J**	**4000**	**ug/kg**	**98**
2-Methylphenol	ND	4000	ug/kg	89
4-Methylphenol	ND	4000	ug/kg	90
Naphthalene	**810 J**	**4000**	**ug/kg**	**96**
2-Nitroaniline	ND	19000	ug/kg	50
3-Nitroaniline	ND	19000	ug/kg	2000
4-Nitroaniline	ND	19000	ug/kg	56
Nitrobenzene	ND	4000	ug/kg	130
2-Nitrophenol	ND	4000	ug/kg	72
4-Nitrophenol	ND	19000	ug/kg	54
N-Nitrosodi-n-propylamine	ND	4000	ug/kg	81
N-Nitrosodiphenylamine	ND	4000	ug/kg	830
2,2'-oxybis(1-Chloropropane)	ND UJ	4000	ug/kg	58
Pentachlorophenol	ND	19000	ug/kg	5500
Phenanthrene	**23000**	**4000**	**ug/kg**	**96**
Phenol	ND	4000	ug/kg	82
Pyrene	**22000**	**4000**	**ug/kg**	**98**
2,4,5-Trichlorophenol	ND	4000	ug/kg	230
2,4,6-Trichlorophenol	ND	4000	ug/kg	69

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Jap
1-20-07

The RETEC Group, Inc.

Client Sample ID: SB23(6-7)

GC/MS Semivolatiles

Lot-Sample #...: C6K060148-002 **Work Order #...:** JH2QX1AL **Matrix.....:** SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	81	(21 - 144)
2-Fluorobiphenyl	87	(26 - 128)
2-Fluorophenol	83	(34 - 115)
Nitrobenzene-d5	69	(30 - 118)
Phenol-d5	68	(35 - 117)
Terphenyl-d14	88	(40 - 115)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

The RETEC Group, Inc.

Client Sample ID: SB23(6-7)

TOTAL Metals

Lot-Sample #...: C6K060148-002 Matrix.....: SO
Date Sampled...: 11/03/06 Date Received..: 11/06/06
% Moisture.....: 17

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 6318073						
Silver	0.059 ~~B~~ J	0.60	mg/kg	SW846 6010B	11/14-11/16/06	JH2QX1AM
		Dilution Factor: 1		Analysis Time..: 18:48	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318048	MDL.....: 0.036	
Aluminum	5210	24.0	mg/kg	SW846 6010B	11/14-11/16/06	JH2QX1AN
		Dilution Factor: 1		Analysis Time..: 18:48	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318048	MDL.....: 0.96	
Arsenic	8.7	1.2	mg/kg	SW846 6010B	11/14-11/16/06	JH2QX1AP
		Dilution Factor: 1		Analysis Time..: 18:48	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318048	MDL.....: 0.40	
Barium	120	24.0	mg/kg	SW846 6010B	11/14-11/16/06	JH2QX1AQ
		Dilution Factor: 1		Analysis Time..: 18:48	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318048	MDL.....: 0.12	
Beryllium	0.61 ~~B~~	0.48	mg/kg	SW846 6010B	11/14-11/16/06	JH2QX1AR
		Dilution Factor: 1		Analysis Time..: 18:48	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318048	MDL.....: 0.050	
Calcium	23800 J	601	mg/kg	SW846 6010B	11/14-11/16/06	JH2QX1AT
		Dilution Factor: 1		Analysis Time..: 18:48	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318048	MDL.....: 4.8	
Cadmium	0.18 ~~B~~ J	0.60	mg/kg	SW846 6010B	11/14-11/16/06	JH2QX1AU
		Dilution Factor: 1		Analysis Time..: 18:48	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318048	MDL.....: 0.084	
Cobalt	5.0 J ~~5.0 B~~	6.0	mg/kg	SW846 6010B	11/14-11/16/06	JH2QX1AV
	yap ~~6.0~~ tt	Dilution Factor: 1		Analysis Time..: 18:48	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318048	MDL.....: 0.063	
Chromium	12.5	0.60	mg/kg	SW846 6010B	11/14-11/16/06	JH2QX1AW
		Dilution Factor: 1		Analysis Time..: 18:48	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318048	MDL.....: 0.11	

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yap
1-20-07

The RETEC Group, Inc.

Client Sample ID: SB23(6-7)

TOTAL Metals

Lot-Sample #...: C6K060148-002 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Copper	58.9 ~~J~~	3.0	mg/kg	SW846 6010B	11/14-11/16/06	JH2QX1AX
		Dilution Factor: 1		Analysis Time..: 18:48	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318048	MDL.....: 0.14	
Iron	23000	12.0	mg/kg	SW846 6010B	11/14-11/16/06	JH2QX1A0
		Dilution Factor: 1		Analysis Time..: 18:48	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318048	MDL.....: 2.2	
Potassium	824 ~~J~~	601	mg/kg	SW846 6010B	11/14-11/16/06	JH2QX1A1
		Dilution Factor: 1		Analysis Time..: 18:48	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318048	MDL.....: 9.0	
Magnesium	2790	601	mg/kg	SW846 6010B	11/14-11/16/06	JH2QX1A2
		Dilution Factor: 1		Analysis Time..: 18:48	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318048	MDL.....: 1.2	
Manganese	293 ~~J~~	1.8	mg/kg	SW846 6010B	11/14-11/16/06	JH2QX1A3
		Dilution Factor: 1		Analysis Time..: 18:48	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318048	MDL.....: 0.014	
Sodium	364 ~~B~~ J	601	mg/kg	SW846 6010B	11/14-11/16/06	JH2QX1A4
		Dilution Factor: 1		Analysis Time..: 18:48	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318048	MDL.....: 18.8	
Nickel	12.7 J	4.8	mg/kg	SW846 6010B	11/14-11/16/06	JH2QX1A5
		Dilution Factor: 1		Analysis Time..: 18:48	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318048	MDL.....: 0.15	
Lead	198 J	0.36	mg/kg	SW846 6010B	11/14-11/16/06	JH2QX1A6
		Dilution Factor: 1		Analysis Time..: 18:48	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318048	MDL.....: 0.19	
Selenium	0.81	0.60	mg/kg	SW846 6010B	11/14-11/16/06	JH2QX1AA
		Dilution Factor: 1		Analysis Time..: 18:48	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318048	MDL.....: 0.31	
Thallium	ND	1.2	mg/kg	SW846 6010B	11/14-11/16/06	JH2QX1AC
		Dilution Factor: 1		Analysis Time..: 18:48	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318048	MDL.....: 0.55	

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GJP 1-20-07

The RETEC Group, Inc.

Client Sample ID: SB23(6-7)

TOTAL Metals

Lot-Sample #...: C6K060148-002 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	0.63 B J	1.2	mg/kg	SW846 6010B	11/14-11/16/06	JH2QX1AD
		Dilution Factor: 1		Analysis Time..: 18:48	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318048	MDL.....: 0.38	
Vanadium	16.7	6.0	mg/kg	SW846 6010B	11/14-11/16/06	JH2QX1AE
		Dilution Factor: 1		Analysis Time..: 18:48	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318048	MDL.....: 0.12	
Zinc	127 B J	2.4	mg/kg	SW846 6010B	11/14-11/16/06	JH2QX1AF
		Dilution Factor: 1		Analysis Time..: 18:48	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318048	MDL.....: 0.20	
Prep Batch #...: 6325034						
Mercury	1.8	0.040	mg/kg	SW846 7471A	11/21/06	JH2QX1AG
		Dilution Factor: 1		Analysis Time..: 09:26	Analyst ID.....: 031043	
		Instrument ID..: HGHYDRA		MS Run #.....: 6325024	MDL.....: 0.0096	

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.

YUP
1-20-07

The RETEC Group, Inc.

Client Sample ID: SB23(10-13)

GC/MS Volatiles

Lot-Sample #...: C6K060148-001	**Work Order #...:** JH2QT1AC	**Matrix.....:** SO
Date Sampled...: 11/03/06	**Date Received..:** 11/06/06	**MS Run #.....:** 6313055
Prep Date.....: 11/09/06	**Analysis Date..:** 11/09/06	
Prep Batch #...: 6313074	**Analysis Time..:** 14:27	
Dilution Factor: 1	**Initial Wgt/Vol:** 5 g	**Final Wgt/Vol..:** 5 mL
% Moisture.....: 13	**Analyst ID.....:** 010099	**Instrument ID..:** HP3
	Method.....: SW846 8260B	

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	23	ug/kg	5.8
Benzene	ND	5.8	ug/kg	0.63
Bromodichloromethane	ND	5.8	ug/kg	0.29
Bromoform	ND	5.8	ug/kg	0.70
Bromomethane	ND	5.8	ug/kg	1.1
2-Butanone	ND	5.8	ug/kg	1.6
Carbon disulfide	ND	5.8	ug/kg	0.41
Carbon tetrachloride	ND	5.8	ug/kg	0.29
Chlorobenzene	ND	5.8	ug/kg	0.98
Chloroethane	ND	5.8	ug/kg	1.1
Chloroform	ND	5.8	ug/kg	0.29
Chloromethane	ND	5.8	ug/kg	0.33
Cyclohexane	ND	5.8	ug/kg	0.43
Dibromochloromethane	ND	5.8	ug/kg	0.30
1,2-Dibromo-3-chloro-propane	ND	5.8	ug/kg	0.54
1,2-Dibromoethane	ND	5.8	ug/kg	0.31
1,3-Dichlorobenzene	ND	5.8	ug/kg	1.0
1,4-Dichlorobenzene	ND	5.8	ug/kg	0.79
1,2-Dichlorobenzene	ND	5.8	ug/kg	1.1
Dichlorodifluoromethane	ND UJ	5.8	ug/kg	0.58
1,1-Dichloroethane	ND	5.8	ug/kg	0.33
1,2-Dichloroethane	ND	5.8	ug/kg	0.35
1,1-Dichloroethene	ND	5.8	ug/kg	0.68
cis-1,2-Dichloroethene	ND	5.8	ug/kg	0.86
trans-1,2-Dichloroethene	ND	5.8	ug/kg	0.75
1,2-Dichloropropane	ND	5.8	ug/kg	0.72
cis-1,3-Dichloropropene	ND	5.8	ug/kg	0.33
trans-1,3-Dichloropropene	ND	5.8	ug/kg	0.32
Ethylbenzene	ND	5.8	ug/kg	1.1
2-Hexanone	ND	5.8	ug/kg	0.94
Isopropylbenzene	ND	5.8	ug/kg	1.3
Methyl acetate	ND UJ	5.8	ug/kg	2.9
Methylene chloride 5.8	~~2.9 U,B~~ LL	**5.8**	**ug/kg**	**1.5**
Methylcyclohexane	ND	5.8	ug/kg	0.90
4-Methyl-2-pentanone	ND	5.8	ug/kg	0.97
Methyl tert-butyl ether	ND	5.8	ug/kg	0.47

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YAP
1-20-07

The RETEC Group, Inc.

Client Sample ID: SB23(10-13)

GC/MS Volatiles

Lot-Sample #...: C6K060148-001 **Work Order #...:** JH2QT1AC **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Styrene	ND	5.8	ug/kg	0.92
1,1,2,2-Tetrachloroethane	ND	5.8	ug/kg	0.52
1,2,4-Trichloro-benzene	ND	5.8	ug/kg	1.6
Tetrachloroethene	ND	5.8	ug/kg	0.88
1,1,1-Trichloroethane	ND	5.8	ug/kg	0.31
1,1,2-Trichloroethane	ND	5.8	ug/kg	0.78
Trichloroethene	ND	5.8	ug/kg	0.99
Trichlorofluoromethane	ND	5.8	ug/kg	1.4
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	5.8	ug/kg	0.40
Vinyl chloride	ND	5.8	ug/kg	0.76
Xylenes (total)	ND	17	ug/kg	3.1
Toluene	ND	5.8	ug/kg	0.68

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	84	(52 - 124)
Toluene-d8	109	(72 - 127)
4-Bromofluorobenzene	99	(63 - 120)
Dibromofluoromethane	98	(68 - 121)

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.

The RETEC Group, Inc.

Client Sample ID: SB23(10-13)

GC/MS Semivolatiles

Lot-Sample #...: C6K060148-001	**Work Order #...:** JH2QT1AD	**Matrix.....:** SO
Date Sampled...: 11/03/06	**Date Received..:** 11/06/06	**MS Run #.....:** 6313010
Prep Date.....: 11/09/06	**Analysis Date..:** 11/16/06	
Prep Batch #...: 6313022	**Analysis Time..:** 16:19	
Dilution Factor: 10	**Initial Wgt/Vol:** 15 g	**Final Wgt/Vol..:** 0.5 mL
% Moisture.....: 13	**Analyst ID.....:** 007062	**Instrument ID..:** 732
	Method.....: SW846 8270C	

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	3800	ug/kg	84
Acenaphthylene	**190 J**	**3800**	**ug/kg**	**80**
Acetophenone	ND	3800	ug/kg	960
Anthracene	**480 J**	**3800**	**ug/kg**	**88**
Atrazine	ND	3800	ug/kg	960
Benzo(a)anthracene	**2000 J**	**3800**	**ug/kg**	**84**
Benzo(a)pyrene	**1900 J**	**3800**	**ug/kg**	**64**
Benzo(b)fluoranthene	**2000 J**	**3800**	**ug/kg**	**77**
Benzo(ghi)perylene	**1200 J**	**3800**	**ug/kg**	**73**
Benzo(k)fluoranthene	**750 J**	**3800**	**ug/kg**	**75**
Benzaldehyde	ND	3800	ug/kg	850
1,1'-Biphenyl	ND	3800	ug/kg	960
bis(2-Chloroethoxy) methane	ND	3800	ug/kg	86
bis(2-Chloroethyl)-ether	ND	3800	ug/kg	75
bis(2-Ethylhexyl) phthalate	ND	3800	ug/kg	240
4-Bromophenyl phenyl ether	ND	3800	ug/kg	190
Butyl benzyl phthalate	ND	3800	ug/kg	85
Caprolactam	ND	3800	ug/kg	960
Carbazole	ND	3800	ug/kg	88
4-Chloroaniline	ND	3800	ug/kg	190
4-Chloro-3-methylphenol	ND	3800	ug/kg	83
2-Chloronaphthalene	ND	3800	ug/kg	81
2-Chlorophenol	ND	3800	ug/kg	61
4-Chlorophenyl phenyl ether	ND	3800	ug/kg	78
Chrysene	**1700 J**	**3800**	**ug/kg**	**75**
Dibenz(a,h)anthracene	**380 J**	**3800**	**ug/kg**	**63**
Dibenzofuran	ND	3800	ug/kg	86
3,3'-Dichlorobenzidine	ND	18000	ug/kg	95
2,4-Dichlorophenol	ND	3800	ug/kg	72
Diethyl phthalate	ND	3800	ug/kg	77
2,4-Dimethylphenol	ND	3800	ug/kg	62
Dimethyl phthalate	ND	3800	ug/kg	80

(Continued on next page)

The RETEC Group, Inc.

Client Sample ID: SB23(10-13)

GC/MS Semivolatiles

Lot-Sample #...: C6K060148-001 **Work Order #...:** JH2QT1AD **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-butyl phthalate	ND	3800	ug/kg	470
4,6-Dinitro-2-methylphenol	ND	18000	ug/kg	9600
2,4-Dinitrophenol	ND	18000	ug/kg	9600
2,4-Dinitrotoluene	ND	3800	ug/kg	40
2,6-Dinitrotoluene	ND	3800	ug/kg	55
Di-n-octyl phthalate	ND	3800	ug/kg	89
Fluoranthene	**2700 J**	**3800**	**ug/kg**	**81**
Fluorene	ND	3800	ug/kg	92
Hexachlorobenzene	ND	3800	ug/kg	77
Hexachlorobutadiene	ND	3800	ug/kg	75
Hexachlorocyclopentadiene	ND	18000	ug/kg	310
Hexachloroethane	ND	3800	ug/kg	74
Indeno(1,2,3-cd)pyrene	**1500 J**	**3800**	**ug/kg**	**76**
Isophorone	ND	3800	ug/kg	73
2-Methylnaphthalene	ND	3800	ug/kg	94
2-Methylphenol	ND	3800	ug/kg	86
4-Methylphenol	ND	3800	ug/kg	86
Naphthalene	**140 J**	**3800**	**ug/kg**	**92**
2-Nitroaniline	ND	18000	ug/kg	48
3-Nitroaniline	ND	18000	ug/kg	1900
4-Nitroaniline	ND	18000	ug/kg	54
Nitrobenzene	ND	3800	ug/kg	120
2-Nitrophenol	ND	3800	ug/kg	69
4-Nitrophenol	ND	18000	ug/kg	51
N-Nitrosodi-n-propylamine	ND	3800	ug/kg	78
N-Nitrosodiphenylamine	ND	3800	ug/kg	800
2,2'-oxybis(1-Chloropropane)	ND UJ	3800	ug/kg	56
Pentachlorophenol	ND	18000	ug/kg	5300
Phenanthrene	**1400 J**	**3800**	**ug/kg**	**92**
Phenol	ND	3800	ug/kg	79
Pyrene	**2600 J**	**3800**	**ug/kg**	**94**
2,4,5-Trichlorophenol	ND	3800	ug/kg	220
2,4,6-Trichlorophenol	ND	3800	ug/kg	66

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Yap
1-20-07

The RETEC Group, Inc.

Client Sample ID: SB23(10-13)

GC/MS Semivolatiles

Lot-Sample #...: C6K060148-001 **Work Order #...:** JH2QT1AD **Matrix.....:** SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	98	(21 - 144)
2-Fluorobiphenyl	104	(26 - 128)
2-Fluorophenol	105	(34 - 115)
Nitrobenzene-d5	86	(30 - 118)
Phenol-d5	85	(35 - 117)
Terphenyl-d14	108	(40 - 115)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

The RETEC Group, Inc.

Client Sample ID: SB23(10-13)

TOTAL Metals

Lot-Sample #...: C6K060148-001 Matrix.....: SO
Date Sampled...: 11/03/06 Date Received..: 11/06/06
% Moisture.....: 13

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 6318073						
Silver	ND	0.58	mg/kg	SW846 6010B	11/14-11/16/06	JH2QT1AE
		Dilution Factor: 1		Analysis Time..: 18:14	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318048	MDL.....: 0.034	
Aluminum	**5370**	**23.0**	**mg/kg**	**SW846 6010B**	**11/14-11/16/06**	**JH2QT1AF**
		Dilution Factor: 1		Analysis Time..: 18:14	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318048	MDL.....: 0.92	
Arsenic	**4.4**	**1.2**	**mg/kg**	**SW846 6010B**	**11/14-11/16/06**	**JH2QT1AG**
		Dilution Factor: 1		Analysis Time..: 18:14	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318048	MDL.....: 0.38	
Barium	**41.7**	**23.0**	**mg/kg**	**SW846 6010B**	**11/14-11/16/06**	**JH2QT1AH**
		Dilution Factor: 1		Analysis Time..: 18:14	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318048	MDL.....: 0.12	
Beryllium	**0.58 ~~J~~**	**0.46**	**mg/kg**	**SW846 6010B**	**11/14-11/16/06**	**JH2QT1AJ**
		Dilution Factor: 1		Analysis Time..: 18:14	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318048	MDL.....: 0.048	
Calcium	**9300** J-	**576**	**mg/kg**	**SW846 6010B**	**11/14-11/16/06**	**JH2QT1AK**
		Dilution Factor: 1		Analysis Time..: 18:14	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318048	MDL.....: 4.6	
Cadmium	ND	0.58	mg/kg	SW846 6010B	11/14-11/16/06	JH2QT1AL
		Dilution Factor: 1		Analysis Time..: 18:14	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318048	MDL.....: 0.080	
Cobalt	**5.0 ~~B,E~~** J	**5.8**	**mg/kg**	**SW846 6010B**	**11/14-11/16/06**	**JH2QT1AM**
		Dilution Factor: 1		Analysis Time..: 18:14	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318048	MDL.....: 0.061	
Chromium	**8.1**	**0.58**	**mg/kg**	**SW846 6010B**	**11/14-11/16/06**	**JH2QT1AN**
		Dilution Factor: 1		Analysis Time..: 18:14	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318048	MDL.....: 0.11	

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Yup
1-20-07

The RETEC Group, Inc.

Client Sample ID: SB23(10-13)

TOTAL Metals

Lot-Sample #...: C6K060148-001 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Copper	18.4 J	2.9	mg/kg	SW846 6010B	11/14-11/16/06	JH2QT1AP
	Dilution Factor: 1	Analysis Time..: 18:14		Analyst ID.....: 402249		
	Instrument ID..: TRACEICP	MS Run #.....: 6318048		MDL.....: 0.13		
Iron	12800	11.5	mg/kg	SW846 6010B	11/14-11/16/06	JH2QT1AQ
	Dilution Factor: 1	Analysis Time..: 18:14		Analyst ID.....: 402249		
	Instrument ID..: TRACEICP	MS Run #.....: 6318048		MDL.....: 2.1		
Potassium	767 J	576	mg/kg	SW846 6010B	11/14-11/16/06	JH2QT1AR
	Dilution Factor: 1	Analysis Time..: 18:14		Analyst ID.....: 402249		
	Instrument ID..: TRACEICP	MS Run #.....: 6318048		MDL.....: 8.6		
Magnesium	2220	576	mg/kg	SW846 6010B	11/14-11/16/06	JH2QT1AT
	Dilution Factor: 1	Analysis Time..: 18:14		Analyst ID.....: 402249		
	Instrument ID..: TRACEICP	MS Run #.....: 6318048		MDL.....: 1.2		
Manganese	293 J	1.7	mg/kg	SW846 6010B	11/14-11/16/06	JH2QT1AU
	Dilution Factor: 1	Analysis Time..: 18:14		Analyst ID.....: 402249		
	Instrument ID..: TRACEICP	MS Run #.....: 6318048		MDL.....: 0.013		
Sodium	331 B J	576	mg/kg	SW846 6010B	11/14-11/16/06	JH2QT1AV
	Dilution Factor: 1	Analysis Time..: 18:14		Analyst ID.....: 402249		
	Instrument ID..: TRACEICP	MS Run #.....: 6318048		MDL.....: 18.0		
Nickel	10 B J	4.6	mg/kg	SW846 6010B	11/14-11/16/06	JH2QT1AW
	Dilution Factor: 1	Analysis Time..: 18:14		Analyst ID.....: 402249		
	Instrument ID..: TRACEICP	MS Run #.....: 6318048		MDL.....: 0.14		
Lead	68.6 J-	0.35	mg/kg	SW846 6010B	11/14-11/16/06	JH2QT1AX
	Dilution Factor: 1	Analysis Time..: 18:14		Analyst ID.....: 402249		
	Instrument ID..: TRACEICP	MS Run #.....: 6318048		MDL.....: 0.18		
Selenium	0.34 B J	0.58	mg/kg	SW846 6010B	11/14-11/16/06	JH2QT1A0
	Dilution Factor: 1	Analysis Time..: 18:14		Analyst ID.....: 402249		
	Instrument ID..: TRACEICP	MS Run #.....: 6318048		MDL.....: 0.30		
Thallium	ND	1.2	mg/kg	SW846 6010B	11/14-11/16/06	JH2QT1A1
	Dilution Factor: 1	Analysis Time..: 18:14		Analyst ID.....: 402249		
	Instrument ID..: TRACEICP	MS Run #.....: 6318048		MDL.....: 0.52		

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JWP
1-2007

The RETEC Group, Inc.

Client Sample ID: SB23(10-13)

TOTAL Metals

Lot-Sample #...: C6K060148-001 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	ND UJ	1.2	mg/kg	SW846 6010B	11/14-11/16/06	JH2QT1A2
		Dilution Factor: 1		Analysis Time..: 18:14	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318048	MDL.....: 0.37	
Vanadium	12.7	5.8	mg/kg	SW846 6010B	11/14-11/16/06	JH2QT1A3
		Dilution Factor: 1		Analysis Time..: 18:14	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318048	MDL.....: 0.12	
Zinc	47.8 ~~J,B~~ J	2.3	mg/kg	SW846 6010B	11/14-11/16/06	JH2QT1A4
		Dilution Factor: 1		Analysis Time..: 18:14	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318048	MDL.....: 0.19	
Prep Batch #...: 6325034						
Mercury	0.44	0.038	mg/kg	SW846 7471A	11/21/06	JH2QT1A5
		Dilution Factor: 1		Analysis Time..: 09:24	Analyst ID.....: 031043	
		Instrument ID..: HGHYDRA		MS Run #.....: 6325024	MDL.....: 0.0092	

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.

E Matrix interference.

YUP
1-20-07

The RETEC Group, Inc.

Client Sample ID: SB-24(13.5-14.5)

GC/MS Volatiles

Lot-Sample #...: C6K030390-007	Work Order #...: JHX7A1AK	Matrix.....: SO
Date Sampled...: 11/01/06	Date Received..: 11/03/06	MS Run #.....: 6310039
Prep Date.....: 11/06/06	Analysis Date..: 11/06/06	
Prep Batch #...: 6310052	Analysis Time..: 12:18	
Dilution Factor: 1	Initial Wgt/Vol: 5 g	Final Wgt/Vol..: 5 mL
% Moisture.....: 22	Analyst ID.....: 010099	Instrument ID..: HP3
	Method.....: SW846 8260B	

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND U J	26	ug/kg	6.4
Benzene	**1.9 J**	**6.4**	**ug/kg**	**0.70**
Bromodichloromethane	ND	6.4	ug/kg	0.32
Bromoform	ND	6.4	ug/kg	0.79
Bromomethane	ND	6.4	ug/kg	1.2
2-Butanone	ND	6.4	ug/kg	1.8
Carbon disulfide	ND	6.4	ug/kg	0.46
Carbon tetrachloride	ND	6.4	ug/kg	0.32
Chlorobenzene	ND	6.4	ug/kg	1.1
Chloroethane	ND	6.4	ug/kg	1.2
Chloroform	ND	6.4	ug/kg	0.32
Chloromethane	ND	6.4	ug/kg	0.37
Cyclohexane	ND	6.4	ug/kg	0.49
Dibromochloromethane	ND	6.4	ug/kg	0.34
1,2-Dibromo-3-chloro-propane	ND	6.4	ug/kg	0.60
1,2-Dibromoethane	ND	6.4	ug/kg	0.35
1,3-Dichlorobenzene	ND	6.4	ug/kg	1.2
1,4-Dichlorobenzene	ND	6.4	ug/kg	0.88
1,2-Dichlorobenzene	ND	6.4	ug/kg	1.2
Dichlorodifluoromethane	ND	6.4	ug/kg	0.65
1,1-Dichloroethane	ND	6.4	ug/kg	0.37
1,2-Dichloroethane	ND	6.4	ug/kg	0.39
1,1-Dichloroethene	ND	6.4	ug/kg	0.76
cis-1,2-Dichloroethene	ND	6.4	ug/kg	0.96
trans-1,2-Dichloroethene	ND	6.4	ug/kg	0.84
1,2-Dichloropropane	ND	6.4	ug/kg	0.81
cis-1,3-Dichloropropene	ND	6.4	ug/kg	0.37
trans-1,3-Dichloropropene	ND	6.4	ug/kg	0.35
Ethylbenzene	**3.9 J**	**6.4**	**ug/kg**	**1.2**
2-Hexanone	ND	6.4	ug/kg	1.0
Isopropylbenzene	ND	6.4	ug/kg	1.4
Methyl acetate	ND	6.4	ug/kg	3.2
Methylene chloride	~~4.0 J,B~~ 6.4 U	**6.4**	**ug/kg**	**1.7**
Methylcyclohexane	ND	6.4	ug/kg	1.0
4-Methyl-2-pentanone	ND	6.4	ug/kg	1.1
Methyl tert-butyl ether	ND	6.4	ug/kg	0.53

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The RETEC Group, Inc.

Client Sample ID: SB-24(13.5-14.5)

GC/MS Volatiles

Lot-Sample #...: C6K030390-007 **Work Order #...:** JHX7A1AK **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Styrene	ND	6.4	ug/kg	1.0
1,1,2,2-Tetrachloroethane	ND	6.4	ug/kg	0.58
1,2,4-Trichloro-benzene	ND	6.4	ug/kg	1.8
Tetrachloroethene	ND	6.4	ug/kg	0.99
1,1,1-Trichloroethane	ND	6.4	ug/kg	0.35
1,1,2-Trichloroethane	ND	6.4	ug/kg	0.87
Trichloroethene	ND	6.4	ug/kg	1.1
Trichlorofluoromethane	ND	6.4	ug/kg	1.5
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	6.4	ug/kg	0.45
Vinyl chloride	ND	6.4	ug/kg	0.85
Xylenes (total)	**9.4 J**	**19**	**ug/kg**	**3.5**
Toluene	ND	6.4	ug/kg	0.76

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	77	(52 - 124)
Toluene-d8	104	(72 - 127)
4-Bromofluorobenzene	93	(63 - 120)
Dibromofluoromethane	90	(68 - 121)

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.

The RETEC Group, Inc.

Client Sample ID: SB-24(13.5-14.5)

GC/MS Semivolatiles

Lot-Sample #...:	C6K030390-007	**Work Order #...:**	JHX7A1AL	**Matrix.....:**	SO
Date Sampled...:	11/01/06 10:00	**Date Received..:**	11/03/06 09:40	**MS Run #.....:**	6312005
Prep Date.....:	11/08/06	**Analysis Date..:**	11/20/06		
Prep Batch #...:	6312013	**Analysis Time..:**	21:08		
Dilution Factor:	1	**Initial Wgt/Vol:**	15 g	**Final Wgt/Vol..:**	0.5 mL
% Moisture.....:	22	**Analyst ID.....:**	003200	**Instrument ID..:**	731
		Method.....:	SW846 8270C		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	**350 J**	**420**	**ug/kg**	**9.3**
Acenaphthylene	ND	420	ug/kg	9.0
Acetophenone	ND	420	ug/kg	110
Anthracene	ND	420	ug/kg	9.8
Atrazine	ND	420	ug/kg	110
Benzo(a)anthracene	ND	420	ug/kg	9.4
Benzo(a)pyrene	**18 J**	**420**	**ug/kg**	**7.2**
Benzo(b)fluoranthene	ND	420	ug/kg	8.5
Benzo(ghi)perylene	ND	420	ug/kg	8.1
Benzo(k)fluoranthene	ND	420	ug/kg	8.4
Benzaldehyde	ND	420	ug/kg	95
1,1'-Biphenyl	ND	420	ug/kg	110
bis(2-Chloroethoxy) methane	ND	420	ug/kg	9.6
bis(2-Chloroethyl)-ether	ND	420	ug/kg	8.3
bis(2-Ethylhexyl) phthalate	ND	420	ug/kg	27
4-Bromophenyl phenyl ether	ND	420	ug/kg	21
Butyl benzyl phthalate	ND	420	ug/kg	9.5
Caprolactam	ND	420	ug/kg	110
Carbazole	**34 J**	**420**	**ug/kg**	**9.9**
4-Chloroaniline	ND	420	ug/kg	21
4-Chloro-3-methylphenol	ND	420	ug/kg	9.3
2-Chloronaphthalene	ND	420	ug/kg	9.1
2-Chlorophenol	ND	420	ug/kg	6.8
4-Chlorophenyl phenyl ether	ND	420	ug/kg	8.8
Chrysene	ND	420	ug/kg	8.4
Dibenz(a,h)anthracene	ND	420	ug/kg	7.0
Dibenzofuran	**81 J**	**420**	**ug/kg**	**9.6**
3,3'-Dichlorobenzidine	ND	2100	ug/kg	11
2,4-Dichlorophenol	ND	420	ug/kg	8.1
Diethyl phthalate	ND	420	ug/kg	8.6
2,4-Dimethylphenol	ND	420	ug/kg	6.9
Dimethyl phthalate	ND	420	ug/kg	9.0

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The RETEC Group, Inc.

Client Sample ID: SB-24(13.5-14.5)

GC/MS Semivolatiles

Lot-Sample #...: C6K030390-007 Work Order #...: JHX7A1AL Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-butyl phthalate	ND	420	ug/kg	52
4,6-Dinitro-2-methylphenol	ND	2100	ug/kg	1100
2,4-Dinitrophenol	ND	2100	ug/kg	1100
2,4-Dinitrotoluene	ND	420	ug/kg	4.5
2,6-Dinitrotoluene	ND	420	ug/kg	6.1
Di-n-octyl phthalate	ND	420	ug/kg	9.9
Fluoranthene	ND	420	ug/kg	9.1
Fluorene	**81 J**	**420**	**ug/kg**	**10**
Hexachlorobenzene	ND	420	ug/kg	8.6
Hexachlorobutadiene	ND	420	ug/kg	8.4
Hexachlorocyclopentadiene	ND	2100	ug/kg	34
Hexachloroethane	ND	420	ug/kg	8.2
Indeno(1,2,3-cd)pyrene	ND	420	ug/kg	8.5
Isophorone	ND	420	ug/kg	8.2
2-Methylnaphthalene	**160 J**	**420**	**ug/kg**	**10**
2-Methylphenol	ND	420	ug/kg	9.6
4-Methylphenol	ND	420	ug/kg	9.6
Naphthalene	**1400**	**420**	**ug/kg**	**10**
2-Nitroaniline	ND	2100	ug/kg	5.3
3-Nitroaniline	ND	2100	ug/kg	220
4-Nitroaniline	ND	2100	ug/kg	6.0
Nitrobenzene	ND	420	ug/kg	14
2-Nitrophenol	ND	420	ug/kg	7.7
4-Nitrophenol	ND	2100	ug/kg	5.7
N-Nitrosodi-n-propylamine	ND	420	ug/kg	8.7
N-Nitrosodiphenylamine	ND	420	ug/kg	89
2,2'-oxybis(1-Chloropropane)	ND	420	ug/kg	6.2
Pentachlorophenol	ND	2100	ug/kg	590
Phenanthrene	**180 J**	**420**	**ug/kg**	**10**
Phenol	ND	420	ug/kg	8.8
Pyrene	ND	420	ug/kg	10
2,4,5-Trichlorophenol	ND	420	ug/kg	24
2,4,6-Trichlorophenol	ND	420	ug/kg	7.3

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The RETEC Group, Inc.

Client Sample ID: SB-24(13.5-14.5)

GC/MS Semivolatiles

Lot-Sample #...: C6K030390-007 Work Order #...: JHX7A1AL Matrix.....: SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	50	(21 - 144)
2-Fluorobiphenyl	62	(26 - 128)
2-Fluorophenol	60	(34 - 115)
Nitrobenzene-d5	57	(30 - 118)
Phenol-d5	58	(35 - 117)
Terphenyl-d14	51	(40 - 115)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

The RETEC Group, Inc.

Client Sample ID: SB-24(13.5-14.5)

TOTAL Metals

Lot-Sample #...: C6K030390-007 **Matrix.....:** SO
Date Sampled...: 11/01/06 **Date Received..:** 11/03/06
% Moisture.....: 22

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 6318071						
Silver	ND	0.64	mg/kg	SW846 6010B	11/16-11/17/06	JHX7A1AM
		Dilution Factor: 1		Analysis Time..: 16:34	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.038	
Aluminum	4980 B	25.7	mg/kg	SW846 6010B	11/16-11/17/06	JHX7A1AN
		Dilution Factor: 1		Analysis Time..: 16:34	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 1.0	
Arsenic	2.7	1.3	mg/kg	SW846 6010B	11/16-11/17/06	JHX7A1AP
		Dilution Factor: 1		Analysis Time..: 16:34	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.42	
Barium	25.0 B J	25.7	mg/kg	SW846 6010B	11/16-11/17/06	JHX7A1AQ
		Dilution Factor: 1		Analysis Time..: 16:34	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.13	
Beryllium	0.50 B J	0.51	mg/kg	SW846 6010B	11/16-11/17/06	JHX7A1AR
		Dilution Factor: 1		Analysis Time..: 16:34	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.054	
Calcium	1680	643	mg/kg	SW846 6010B	11/16-11/17/06	JHX7A1AT
		Dilution Factor: 1		Analysis Time..: 16:34	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 5.1	
Cadmium	ND	0.64	mg/kg	SW846 6010B	11/16-11/17/06	JHX7A1AU
		Dilution Factor: 1		Analysis Time..: 16:34	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.090	
Cobalt	4.6 B J	6.4	mg/kg	SW846 6010B	11/16-11/17/06	JHX7A1AV
		Dilution Factor: 1		Analysis Time..: 16:34	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.068	
Chromium	6.0	0.64	mg/kg	SW846 6010B	11/16-11/17/06	JHX7A1AW
		Dilution Factor: 1		Analysis Time..: 16:34	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.12	

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The RETEC Group, Inc.

Client Sample ID: SB-24(13.5-14.5)

TOTAL Metals

Lot-Sample #...: C6K030390-007 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Copper	10.3 J	3.2	mg/kg	SW846 6010B	11/16-11/17/06	JHX7A1AX
		Dilution Factor: 1		Analysis Time..: 16:34	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.15	
Iron	9340	12.9	mg/kg	SW846 6010B	11/16-11/17/06	JHX7A1A0
		Dilution Factor: 1		Analysis Time..: 16:34	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 2.3	
Potassium	~~603 B,J~~ 643 U	643	mg/kg	SW846 6010B	11/16-11/17/06	JHX7A1A1
		Dilution Factor: 1		Analysis Time..: 16:34	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 9.6	
Magnesium	1590	643	mg/kg	SW846 6010B	11/16-11/17/06	JHX7A1A2
		Dilution Factor: 1		Analysis Time..: 16:34	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 1.3	
Manganese	107 J-	1.9	mg/kg	SW846 6010B	11/16-11/17/06	JHX7A1A3
		Dilution Factor: 1		Analysis Time..: 16:34	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.015	
Sodium	234 J	643	mg/kg	SW846 6010B	11/16-11/17/06	JHX7A1A4
		Dilution Factor: 1		Analysis Time..: 16:34	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 20.1	
Nickel	9.3	5.1	mg/kg	SW846 6010B	11/16-11/17/06	JHX7A1A5
		Dilution Factor: 1		Analysis Time..: 16:34	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.16	
Lead	3.9	0.39	mg/kg	SW846 6010B	11/16-11/17/06	JHX7A1A6
		Dilution Factor: 1		Analysis Time..: 16:34	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.20	
Selenium	0.42 J	0.64	mg/kg	SW846 6010B	11/16-11/17/06	JHX7A1AA
		Dilution Factor: 1		Analysis Time..: 16:34	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.34	
Thallium	ND	1.3	mg/kg	SW846 6010B	11/16-11/17/06	JHX7A1AC
		Dilution Factor: 1		Analysis Time..: 16:34	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.59	

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The RETEC Group, Inc.

Client Sample ID: SB-24(13.5-14.5)

TOTAL Metals

Lot-Sample #...: C6K030390-007 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	ND UJ	1.3	mg/kg	SW846 6010B	11/16-11/17/06	JHX7A1AD
		Dilution Factor: 1		Analysis Time..: 16:34	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.41	
Vanadium	**10.3**	**6.4**	**mg/kg**	**SW846 6010B**	**11/16-11/17/06**	**JHX7A1AE**
		Dilution Factor: 1		Analysis Time..: 16:34	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.13	
Zinc	**26.8 J**	**2.6**	**mg/kg**	**SW846 6010B**	**11/16-11/17/06**	**JHX7A1AF**
		Dilution Factor: 1		Analysis Time..: 16:34	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.22	
Prep Batch #...: 6324025						
Mercury	ND	0.042	mg/kg	SW846 7471A	11/20/06	JHX7A1AG
		Dilution Factor: 1		Analysis Time..: 09:28	Analyst ID.....: 031043	
		Instrument ID..: HGHYDRA		MS Run #.....: 6324017	MDL.....: 0.010	

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.

The RETEC Group, Inc.

Client Sample ID: SB-24(20-21)

GC/MS Volatiles

Lot-Sample #...:	C6K030390-008	**Work Order #...:**	JHX7F1A2	**Matrix.....:**	SO
Date Sampled...:	11/01/06	**Date Received..:**	11/03/06	**MS Run #.....:**	6310039
Prep Date.....:	11/06/06	**Analysis Date..:**	11/06/06		
Prep Batch #...:	6310052	**Analysis Time..:**	07:07		
Dilution Factor:	1	**Initial Wgt/Vol:**	5 g	**Final Wgt/Vol..:**	5 mL
% Moisture.....:	44	**Analyst ID.....:**	010099	**Instrument ID..:**	HP3
		Method.....:	SW846 8260B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	**23 J**	**36**	**ug/kg**	**9.0**
Benzene	ND	9.0	ug/kg	0.98
Bromodichloromethane	ND	9.0	ug/kg	0.45
Bromoform	ND	9.0	ug/kg	1.1
Bromomethane	ND	9.0	ug/kg	1.7
2-Butanone	**10**	**9.0**	**ug/kg**	**2.5**
Carbon disulfide	ND	9.0	ug/kg	0.65
Carbon tetrachloride	ND	9.0	ug/kg	0.45
Chlorobenzene	ND	9.0	ug/kg	1.5
Chloroethane	ND	9.0	ug/kg	1.7
Chloroform	ND	9.0	ug/kg	0.45
Chloromethane	ND	9.0	ug/kg	0.51
Cyclohexane	ND	9.0	ug/kg	0.68
Dibromochloromethane	ND	9.0	ug/kg	0.47
1,2-Dibromo-3-chloro-propane	ND	9.0	ug/kg	0.83
1,2-Dibromoethane	ND	9.0	ug/kg	0.48
1,3-Dichlorobenzene	ND	9.0	ug/kg	1.6
1,4-Dichlorobenzene	ND	9.0	ug/kg	1.2
1,2-Dichlorobenzene	ND	9.0	ug/kg	1.7
Dichlorodifluoromethane	ND	9.0	ug/kg	0.91
1,1-Dichloroethane	ND	9.0	ug/kg	0.52
1,2-Dichloroethane	ND	9.0	ug/kg	0.54
1,1-Dichloroethene	ND	9.0	ug/kg	1.1
cis-1,2-Dichloroethene	ND	9.0	ug/kg	1.3
trans-1,2-Dichloroethene	ND	9.0	ug/kg	1.2
1,2-Dichloropropane	ND	9.0	ug/kg	1.1
cis-1,3-Dichloropropene	ND	9.0	ug/kg	0.51
trans-1,3-Dichloropropene	ND	9.0	ug/kg	0.50
Ethylbenzene	ND	9.0	ug/kg	1.7
2-Hexanone	ND	9.0	ug/kg	1.5
Isopropylbenzene	ND	9.0	ug/kg	2.0
Methyl acetate	ND	9.0	ug/kg	4.5
Methylene chloride	~~5.4 J,B~~ 9.0 U	**9.0**	**ug/kg**	**2.4**
Methylcyclohexane	ND	9.0	ug/kg	1.4
4-Methyl-2-pentanone	ND	9.0	ug/kg	1.5
Methyl tert-butyl ether	ND	9.0	ug/kg	0.74

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The RETEC Group, Inc.

Client Sample ID: SB-24(20-21)

GC/MS Volatiles

Lot-Sample #...: C6K030390-008 **Work Order #...:** JHX7F1A2 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Styrene	ND	9.0	ug/kg	1.4
1,1,2,2-Tetrachloroethane	ND	9.0	ug/kg	0.81
1,2,4-Trichloro-benzene	ND	9.0	ug/kg	2.5
Tetrachloroethene	ND	9.0	ug/kg	1.4
1,1,1-Trichloroethane	ND	9.0	ug/kg	0.49
1,1,2-Trichloroethane	ND	9.0	ug/kg	1.2
Trichloroethene	ND	9.0	ug/kg	1.5
Trichlorofluoromethane	ND	9.0	ug/kg	2.2
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	9.0	ug/kg	0.62
Vinyl chloride	ND	9.0	ug/kg	1.2
Xylenes (total)	ND	27	ug/kg	4.9
Toluene	ND	9.0	ug/kg	1.1

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	78	(52 - 124)
Toluene-d8	108	(72 - 127)
4-Bromofluorobenzene	98	(63 - 120)
Dibromofluoromethane	94	(68 - 121)

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.

The RETEC Group, Inc.

Client Sample ID: SB-24(20-21)

GC/MS Semivolatiles

Lot-Sample #...:	C6K030390-008	Work Order #...:	JHX7F1A5	Matrix.....:	SO
Date Sampled...:	11/01/06 10:20	Date Received..:	11/03/06 09:40	MS Run #.....:	6312005
Prep Date.....:	11/08/06	Analysis Date..:	11/20/06		
Prep Batch #...:	6312013	Analysis Time..:	21:36		
Dilution Factor:	1	Initial Wgt/Vol:	15 g	Final Wgt/Vol..:	0.5 mL
% Moisture.....:	44	Analyst ID.....:	003200	Instrument ID..:	731
		Method.....:	SW846 8270C		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	**30 J**	**590**	**ug/kg**	**13**
Acenaphthylene	**19 J**	**590**	**ug/kg**	**13**
Acetophenone	ND	590	ug/kg	150
Anthracene	**28 J**	**590**	**ug/kg**	**14**
Atrazine	ND	590	ug/kg	150
Benzo(a)anthracene	**51 J**	**590**	**ug/kg**	**13**
Benzo(a)pyrene	**39 J**	**590**	**ug/kg**	**10**
Benzo(b)fluoranthene	**44 J**	**590**	**ug/kg**	**12**
Benzo(ghi)perylene	ND	590	ug/kg	11
Benzo(k)fluoranthene	**20 J**	**590**	**ug/kg**	**12**
Benzaldehyde	ND	590	ug/kg	130
1,1'-Biphenyl	ND	590	ug/kg	150
bis(2-Chloroethoxy) methane	ND	590	ug/kg	13
bis(2-Chloroethyl)-ether	ND	590	ug/kg	12
bis(2-Ethylhexyl) phthalate	**61 J**	**590**	**ug/kg**	**37**
4-Bromophenyl phenyl ether	ND	590	ug/kg	30
Butyl benzyl phthalate	ND	590	ug/kg	13
Caprolactam	ND	590	ug/kg	150
Carbazole	ND	590	ug/kg	14
4-Chloroaniline	ND	590	ug/kg	30
4-Chloro-3-methylphenol	ND	590	ug/kg	13
2-Chloronaphthalene	ND	590	ug/kg	13
2-Chlorophenol	ND	590	ug/kg	9.4
4-Chlorophenyl phenyl ether	ND	590	ug/kg	12
Chrysene	**44 J**	**590**	**ug/kg**	**12**
Dibenz(a,h)anthracene	ND	590	ug/kg	9.8
Dibenzofuran	**18 J**	**590**	**ug/kg**	**13**
3,3'-Dichlorobenzidine	ND	2900	ug/kg	15
2,4-Dichlorophenol	ND	590	ug/kg	11
Diethyl phthalate	ND	590	ug/kg	12
2,4-Dimethylphenol	ND	590	ug/kg	9.6
Dimethyl phthalate	ND	590	ug/kg	13

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The RETEC Group, Inc.

Client Sample ID: SB-24(20-21)

GC/MS Semivolatiles

Lot-Sample #...: C6K030390-008 Work Order #...: JHX7F1A5 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-butyl phthalate	ND	590	ug/kg	73
4,6-Dinitro-2-methylphenol	ND	2900	ug/kg	1500
2,4-Dinitrophenol	ND	2900	ug/kg	1500
2,4-Dinitrotoluene	ND	590	ug/kg	6.3
2,6-Dinitrotoluene	ND	590	ug/kg	8.5
Di-n-octyl phthalate	ND	590	ug/kg	14
Fluoranthene	**100 J**	**590**	**ug/kg**	**13**
Fluorene	ND	590	ug/kg	14
Hexachlorobenzene	ND	590	ug/kg	12
Hexachlorobutadiene	ND	590	ug/kg	12
Hexachlorocyclopentadiene	ND	2900	ug/kg	48
Hexachloroethane	ND	590	ug/kg	11
Indeno(1,2,3-cd)pyrene	**18 J**	**590**	**ug/kg**	**12**
Isophorone	ND	590	ug/kg	11
2-Methylnaphthalene	**120 J**	**590**	**ug/kg**	**15**
2-Methylphenol	ND	590	ug/kg	13
4-Methylphenol	ND	590	ug/kg	13
Naphthalene	**2000**	**590**	**ug/kg**	**14**
2-Nitroaniline	ND	2900	ug/kg	7.4
3-Nitroaniline	ND	2900	ug/kg	300
4-Nitroaniline	ND	2900	ug/kg	8.4
Nitrobenzene	ND	590	ug/kg	19
2-Nitrophenol	ND	590	ug/kg	11
4-Nitrophenol	ND	2900	ug/kg	8.0
N-Nitrosodi-n-propylamine	ND	590	ug/kg	12
N-Nitrosodiphenylamine	ND	590	ug/kg	120
2,2'-oxybis(1-Chloropropane)	ND	590	ug/kg	8.7
Pentachlorophenol	ND	2900	ug/kg	820
Phenanthrene	**85 J**	**590**	**ug/kg**	**14**
Phenol	ND	590	ug/kg	12
Pyrene	**72 J**	**590**	**ug/kg**	**15**
2,4,5-Trichlorophenol	ND	590	ug/kg	34
2,4,6-Trichlorophenol	ND	590	ug/kg	10

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The RETEC Group, Inc.

Client Sample ID: SB-24(20-21)

GC/MS Semivolatiles

Lot-Sample #...: C6K030390-008 Work Order #...: JHX7F1A5 Matrix.....: SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	53	(21 - 144)
2-Fluorobiphenyl	59	(26 - 128)
2-Fluorophenol	54	(34 - 115)
Nitrobenzene-d5	53	(30 - 118)
Phenol-d5	56	(35 - 117)
Terphenyl-d14	52	(40 - 115)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

The RETEC Group, Inc.

Client Sample ID: SB-24(20-21)

TOTAL Metals

Lot-Sample #...: C6K030390-008 Matrix.....: SO
Date Sampled...: 11/01/06 Date Received..: 11/03/06
% Moisture.....: 44

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 6318071						
Silver	ND	0.90	mg/kg	SW846 6010B	11/16-11/17/06	JHX7F1A8
		Dilution Factor: 1		Analysis Time..: 16:40	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.054	
Aluminum	11100 J	35.9	mg/kg	SW846 6010B	11/16-11/17/06	JHX7F1CC
		Dilution Factor: 1		Analysis Time..: 16:40	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 1.4	
Arsenic	6.4	1.8	mg/kg	SW846 6010B	11/16-11/17/06	JHX7F1CF
		Dilution Factor: 1		Analysis Time..: 16:40	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.59	
Barium	72.1	35.9	mg/kg	SW846 6010B	11/16-11/17/06	JHX7F1CJ
		Dilution Factor: 1		Analysis Time..: 16:40	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.18	
Beryllium	0.98	0.72	mg/kg	SW846 6010B	11/16-11/17/06	JHX7F1CM
		Dilution Factor: 1		Analysis Time..: 16:40	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.075	
Calcium	12200	897	mg/kg	SW846 6010B	11/16-11/17/06	JHX7F1CQ
		Dilution Factor: 1		Analysis Time..: 16:40	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 7.1	
Cadmium	ND	0.90	mg/kg	SW846 6010B	11/16-11/17/06	JHX7F1CU
		Dilution Factor: 1		Analysis Time..: 16:40	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.12	
Cobalt	12.5	9.0	mg/kg	SW846 6010B	11/16-11/17/06	JHX7F1CX
		Dilution Factor: 1		Analysis Time..: 16:40	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.095	
Chromium	17.1	0.90	mg/kg	SW846 6010B	11/16-11/17/06	JHX7F1C2
		Dilution Factor: 1		Analysis Time..: 16:40	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.17	

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The RETEC Group, Inc.

Client Sample ID: SB-24(20-21)

TOTAL Metals

Lot-Sample #...: C6K030390-008 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Copper	27.1 J	4.5	mg/kg	SW846 6010B	11/16-11/17/06	JHX7F1C5
		Dilution Factor: 1		Analysis Time..: 16:40	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.21	
Iron	25000	17.9	mg/kg	SW846 6010B	11/16-11/17/06	JHX7F1C8
		Dilution Factor: 1		Analysis Time..: 16:40	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 3.2	
Potassium	1100 J	897	mg/kg	SW846 6010B	11/16-11/17/06	JHX7F1DC
		Dilution Factor: 1		Analysis Time..: 16:40	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 13.5	
Magnesium	6720	897	mg/kg	SW846 6010B	11/16-11/17/06	JHX7F1DF
		Dilution Factor: 1		Analysis Time..: 16:40	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 1.8	
Manganese	335 J	2.7	mg/kg	SW846 6010B	11/16-11/17/06	JHX7F1DJ
		Dilution Factor: 1		Analysis Time..: 16:40	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.020	
Sodium	167 B J	897	mg/kg	SW846 6010B	11/16-11/17/06	JHX7F1DM
		Dilution Factor: 1		Analysis Time..: 16:40	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 28.1	
Nickel	26.6	7.2	mg/kg	SW846 6010B	11/16-11/17/06	JHX7F1DQ
		Dilution Factor: 1		Analysis Time..: 16:40	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.22	
Lead	11.5	0.54	mg/kg	SW846 6010B	11/16-11/17/06	JHX7F1DU
		Dilution Factor: 1		Analysis Time..: 16:40	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.28	
Selenium	1.7	0.90	mg/kg	SW846 6010B	11/16-11/17/06	JHX7F1AA
		Dilution Factor: 1		Analysis Time..: 16:40	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.47	
Thallium	ND	1.8	mg/kg	SW846 6010B	11/16-11/17/06	JHX7F1AE
		Dilution Factor: 1		Analysis Time..: 16:40	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.82	

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The RETEC Group, Inc.

Client Sample ID: SB-24(20-21)

TOTAL Metals

Lot-Sample #...: C6K030390-008 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	ND UJ	1.8	mg/kg	SW846 6010B	11/16-11/17/06	JHX7F1AH
		Dilution Factor: 1		Analysis Time..: 16:40	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.57	
Vanadium	23.7	9.0	mg/kg	SW846 6010B	11/16-11/17/06	JHX7F1AL
		Dilution Factor: 1		Analysis Time..: 16:40	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.19	
Zinc	77.9 E J	3.6	mg/kg	SW846 6010B	11/16-11/17/06	JHX7F1AP
		Dilution Factor: 1		Analysis Time..: 16:40	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318047	MDL.....: 0.30	
Prep Batch #...: 6324025						
Mercury	0.030 B J	0.059	mg/kg	SW846 7471A	11/20/06	JHX7F1AT
		Dilution Factor: 1		Analysis Time..: 09:34	Analyst ID.....: 031043	
		Instrument ID..: HGHYDRA		MS Run #.....: 6324017	MDL.....: 0.014	

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.

E Matrix interference.

The RETEC Group, Inc.

Client Sample ID: SB25(18-19.5)

GC/MS Volatiles

Lot-Sample #...:	C6K060148-003	**Work Order #...:**	JH2Q11AK	**Matrix.....:**	SO
Date Sampled...:	11/03/06	**Date Received..:**	11/06/06	**MS Run #.....:**	6314047
Prep Date.....:	11/10/06	**Analysis Date..:**	11/10/06		
Prep Batch #...:	6314052	**Analysis Time..:**	15:57		
Dilution Factor:	1	**Initial Wgt/Vol:**	5 g	**Final Wgt/Vol..:**	5 mL
% Moisture.....:	25	**Analyst ID.....:**	010099	**Instrument ID..:**	HP3
		Method.....:	SW846 8260B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	27	ug/kg	6.7
Benzene	**2.3 J**	**6.7**	**ug/kg**	**0.73**
Bromodichloromethane	ND	6.7	ug/kg	0.33
Bromoform	ND	6.7	ug/kg	0.82
Bromomethane	ND	6.7	ug/kg	1.2
2-Butanone	ND	6.7	ug/kg	1.9
Carbon disulfide	**0.74 J**	**6.7**	**ug/kg**	**0.48**
Carbon tetrachloride	ND	6.7	ug/kg	0.33
Chlorobenzene	ND	6.7	ug/kg	1.1
Chloroethane	ND	6.7	ug/kg	1.3
Chloroform	ND	6.7	ug/kg	0.33
Chloromethane	ND	6.7	ug/kg	0.38
Cyclohexane	ND	6.7	ug/kg	0.50
Dibromochloromethane	ND	6.7	ug/kg	0.35
1,2-Dibromo-3-chloro-propane	ND	6.7	ug/kg	0.62
1,2-Dibromoethane	ND	6.7	ug/kg	0.36
1,3-Dichlorobenzene	ND	6.7	ug/kg	1.2
1,4-Dichlorobenzene	ND	6.7	ug/kg	0.91
1,2-Dichlorobenzene	ND	6.7	ug/kg	1.2
Dichlorodifluoromethane	ND	6.7	ug/kg	0.67
1,1-Dichloroethane	ND	6.7	ug/kg	0.38
1,2-Dichloroethane	ND	6.7	ug/kg	0.40
1,1-Dichloroethene	ND	6.7	ug/kg	0.79
cis-1,2-Dichloroethene	ND	6.7	ug/kg	1.0
trans-1,2-Dichloroethene	ND	6.7	ug/kg	0.87
1,2-Dichloropropane	ND	6.7	ug/kg	0.84
cis-1,3-Dichloropropene	ND	6.7	ug/kg	0.38
trans-1,3-Dichloropropene	ND	6.7	ug/kg	0.37
Ethylbenzene	ND	6.7	ug/kg	1.2
2-Hexanone	ND	6.7	ug/kg	1.1
Isopropylbenzene	ND	6.7	ug/kg	1.5
Methyl acetate	ND UJ	6.7	ug/kg	3.3
Methylene chloride 6.7	~~4.9 J,B~~ U	**6.7**	**ug/kg**	**1.8**
Methylcyclohexane	ND	6.7	ug/kg	1.0
4-Methyl-2-pentanone	ND	6.7	ug/kg	1.1
Methyl tert-butyl ether	ND	6.7	ug/kg	0.55

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1-20-07

The RETEC Group, Inc.

Client Sample ID: SB25(18-19.5)

GC/MS Volatiles

Lot-Sample #...: C6K060148-003 **Work Order #...:** JH2Q11AK **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Styrene	ND	6.7	ug/kg	1.1
1,1,2,2-Tetrachloroethane	ND	6.7	ug/kg	0.60
1,2,4-Trichloro-benzene	ND	6.7	ug/kg	1.8
Tetrachloroethene	ND	6.7	ug/kg	1.0
1,1,1-Trichloroethane	ND	6.7	ug/kg	0.36
1,1,2-Trichloroethane	ND	6.7	ug/kg	0.91
Trichloroethene	ND	6.7	ug/kg	1.1
Trichlorofluoromethane	ND	6.7	ug/kg	1.6
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	6.7	ug/kg	0.46
Vinyl chloride	ND	6.7	ug/kg	0.88
Xylenes (total)	ND	20	ug/kg	3.6
Toluene	ND	6.7	ug/kg	0.79

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	86	(52 - 124)
Toluene-d8	112	(72 - 127)
4-Bromofluorobenzene	100	(63 - 120)
Dibromofluoromethane	90	(68 - 121)

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.

The RETEC Group, Inc.

Client Sample ID: SB25(18-19.5)

GC/MS Semivolatiles

Lot-Sample #...:	C6K060148-003	**Work Order #...:**	JH2Q11AL	**Matrix.....:**	SO
Date Sampled...:	11/03/06	**Date Received..:**	11/06/06	**MS Run #.....:**	6313010
Prep Date.....:	11/09/06	**Analysis Date..:**	11/16/06		
Prep Batch #...:	6313022	**Analysis Time..:**	17:14		
Dilution Factor:	10	**Initial Wgt/Vol:**	15 g	**Final Wgt/Vol..:**	0.5 mL
% Moisture.....:	25	**Analyst ID.....:**	007062	**Instrument ID..:**	732
		Method.....:	SW846 8270C		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	**1100 J**	**4400**	**ug/kg**	**97**
Acenaphthylene	**1000 J**	**4400**	**ug/kg**	**93**
Acetophenone	ND	4400	ug/kg	1100
Anthracene	**1500 J**	**4400**	**ug/kg**	**100**
Atrazine	ND	4400	ug/kg	1100
Benzo(a)anthracene	**2900 J**	**4400**	**ug/kg**	**98**
Benzo(a)pyrene	**2300 J**	**4400**	**ug/kg**	**75**
Benzo(b)fluoranthene	**2300 J**	**4400**	**ug/kg**	**89**
Benzo(ghi)perylene	**1600 J**	**4400**	**ug/kg**	**84**
Benzo(k)fluoranthene	**900 J**	**4400**	**ug/kg**	**87**
Benzaldehyde	ND	4400	ug/kg	990
1,1'-Biphenyl	ND	4400	ug/kg	1100
bis(2-Chloroethoxy) methane	ND	4400	ug/kg	100
bis(2-Chloroethyl)- ether	ND	4400	ug/kg	86
bis(2-Ethylhexyl) phthalate	ND	4400	ug/kg	280
4-Bromophenyl phenyl ether	ND	4400	ug/kg	220
Butyl benzyl phthalate	ND	4400	ug/kg	99
Caprolactam	ND	4400	ug/kg	1100
Carbazole	**550 J**	**4400**	**ug/kg**	**100**
4-Chloroaniline	ND	4400	ug/kg	220
4-Chloro-3-methylphenol	ND	4400	ug/kg	97
2-Chloronaphthalene	ND	4400	ug/kg	94
2-Chlorophenol	ND	4400	ug/kg	70
4-Chlorophenyl phenyl ether	ND	4400	ug/kg	91
Chrysene	**2800 J**	**4400**	**ug/kg**	**87**
Dibenz(a,h)anthracene	**370 J**	**4400**	**ug/kg**	**73**
Dibenzofuran	**1400 J**	**4400**	**ug/kg**	**100**
3,3'-Dichlorobenzidine	ND	21000	ug/kg	110
2,4-Dichlorophenol	ND	4400	ug/kg	84
Diethyl phthalate	ND	4400	ug/kg	90
2,4-Dimethylphenol	ND	4400	ug/kg	72
Dimethyl phthalate	ND	4400	ug/kg	93

(Continued on next page)

The RETEC Group, Inc.

Client Sample ID: SB25(18-19.5)

GC/MS Semivolatiles

Lot-Sample #...: C6K060148-003 **Work Order #...:** JH2Q11AL **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-butyl phthalate	ND	4400	ug/kg	540
4,6-Dinitro-2-methylphenol	ND	21000	ug/kg	11000
2,4-Dinitrophenol	ND	21000	ug/kg	11000
2,4-Dinitrotoluene	ND	4400	ug/kg	47
2,6-Dinitrotoluene	ND	4400	ug/kg	63
Di-n-octyl phthalate	ND	4400	ug/kg	100
Fluoranthene	**5700**	**4400**	**ug/kg**	**94**
Fluorene	**1600 J**	**4400**	**ug/kg**	**110**
Hexachlorobenzene	ND	4400	ug/kg	89
Hexachlorobutadiene	ND	4400	ug/kg	87
Hexachlorocyclopentadiene	ND	21000	ug/kg	360
Hexachloroethane	ND	4400	ug/kg	85
Indeno(1,2,3-cd)pyrene	**1800 J**	**4400**	**ug/kg**	**89**
Isophorone	ND	4400	ug/kg	85
2-Methylnaphthalene	**3400 J**	**4400**	**ug/kg**	**110**
2-Methylphenol	ND	4400	ug/kg	99
4-Methylphenol	ND	4400	ug/kg	100
Naphthalene	**44000 J**	**4400**	**ug/kg**	**110**
2-Nitroaniline	ND	21000	ug/kg	55
3-Nitroaniline	ND	21000	ug/kg	2200
4-Nitroaniline	ND	21000	ug/kg	62
Nitrobenzene	ND	4400	ug/kg	140
2-Nitrophenol	ND	4400	ug/kg	80
4-Nitrophenol	ND	21000	ug/kg	60
N-Nitrosodi-n-propylamine	ND	4400	ug/kg	90
N-Nitrosodiphenylamine	ND	4400	ug/kg	920
2,2'-oxybis(1-Chloropropane)	ND U J	4400	ug/kg	64
Pentachlorophenol	ND	21000	ug/kg	6100
Phenanthrene	**5800**	**4400**	**ug/kg**	**110**
Phenol	ND	4400	ug/kg	91
Pyrene	**7100**	**4400**	**ug/kg**	**110**
2,4,5-Trichlorophenol	ND	4400	ug/kg	250
2,4,6-Trichlorophenol	ND	4400	ug/kg	76

(Continued on next page)

GAP
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The RETEC Group, Inc.

Client Sample ID: SB25(18-19.5)

GC/MS Semivolatiles

Lot-Sample #...: C6K060148-003 **Work Order #...:** JH2Q11AL **Matrix.....:** SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	74	(21 - 144)
2-Fluorobiphenyl	81	(26 - 128)
2-Fluorophenol	74	(34 - 115)
Nitrobenzene-d5	65	(30 - 118)
Phenol-d5	63	(35 - 117)
Terphenyl-d14	90	(40 - 115)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

E Estimated result. Result concentration exceeds the calibration range.

The RETEC Group, Inc.

Client Sample ID: SB25(18-19.5) DL

GC/MS Semivolatiles

Lot-Sample #...: C6K060148-003	**Work Order #...:** JH2Q12AL	**Matrix.....:** SO	
Date Sampled...: 11/03/06	**Date Received..:** 11/06/06	**MS Run #.....:** 6313010	
Prep Date.....: 11/09/06	**Analysis Date..:** 11/20/06		
Prep Batch #...: 6313022	**Analysis Time..:** 15:20		
Dilution Factor: 20	**Initial Wgt/Vol:** 15 g	**Final Wgt/Vol..:** 0.5 mL	
% Moisture.....: 25	**Analyst ID.....:** 007062	**Instrument ID..:** 732	
	Method.....: SW846 8270C		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	**1500 J**	**8800**	**ug/kg**	**190**
Acenaphthylene	**1300 J**	**8800**	**ug/kg**	**190**
Acetophenone	ND	8800	ug/kg	2200
Anthracene	**2100 J**	**8800**	**ug/kg**	**200**
Atrazine	ND	8800	ug/kg	2200
Benzo(a)anthracene	**3900 J**	**8800**	**ug/kg**	**200**
Benzo(a)pyrene	**3000 J**	**8800**	**ug/kg**	**150**
Benzo(b)fluoranthene	**3400 J**	**8800**	**ug/kg**	**180**
Benzo(ghi)perylene	**1900 J**	**8800**	**ug/kg**	**170**
Benzo(k)fluoranthene	**1300 J**	**8800**	**ug/kg**	**170**
Benzaldehyde	ND	8800	ug/kg	2000
1,1'-Biphenyl	ND	8800	ug/kg	2200
bis(2-Chloroethoxy) methane	ND	8800	ug/kg	200
bis(2-Chloroethyl)-ether	ND	8800	ug/kg	170
bis(2-Ethylhexyl) phthalate	ND	8800	ug/kg	550
4-Bromophenyl phenyl ether	ND	8800	ug/kg	440
Butyl benzyl phthalate	ND	8800	ug/kg	200
Caprolactam	ND	8800	ug/kg	2200
Carbazole	**740 J**	**8800**	**ug/kg**	**200**
4-Chloroaniline	ND	8800	ug/kg	440
4-Chloro-3-methylphenol	ND	8800	ug/kg	190
2-Chloronaphthalene	ND	8800	ug/kg	190
2-Chlorophenol	ND	8800	ug/kg	140
4-Chlorophenyl phenyl ether	ND	8800	ug/kg	180
Chrysene	**3700 J**	**8800**	**ug/kg**	**170**
Dibenz(a,h)anthracene	**210 J**	**8800**	**ug/kg**	**150**
Dibenzofuran	**2000 J**	**8800**	**ug/kg**	**200**
3,3'-Dichlorobenzidine	ND	43000	ug/kg	220
2,4-Dichlorophenol	ND	8800	ug/kg	170
Diethyl phthalate	ND	8800	ug/kg	180
2,4-Dimethylphenol	ND	8800	ug/kg	140
Dimethyl phthalate	ND	8800	ug/kg	190

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MAP
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The RETEC Group, Inc.

Client Sample ID: SB25(18-19.5) DC

GC/MS Semivolatiles

Lot-Sample #...: C6K060148-003 Work Order #...: JH2Q12AL Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-butyl phthalate	ND	8800	ug/kg	1100
4,6-Dinitro-2-methylphenol	ND	43000	ug/kg	22000
2,4-Dinitrophenol	ND	43000	ug/kg	22000
2,4-Dinitrotoluene	ND	8800	ug/kg	93
2,6-Dinitrotoluene	ND	8800	ug/kg	130
Di-n-octyl phthalate	ND	8800	ug/kg	210
Fluoranthene	**7800 J**	**8800**	**ug/kg**	**190**
Fluorene	**2300 J**	**8800**	**ug/kg**	**210**
Hexachlorobenzene	ND	8800	ug/kg	180
Hexachlorobutadiene	ND	8800	ug/kg	170
Hexachlorocyclopentadiene	ND	43000	ug/kg	710
Hexachloroethane	ND	8800	ug/kg	170
Indeno(1,2,3-cd)pyrene	**2100 J**	**8800**	**ug/kg**	**180**
Isophorone	ND	8800	ug/kg	170
2-Methylnaphthalene	**5400 J**	**8800**	**ug/kg**	**220**
2-Methylphenol	ND	8800	ug/kg	200
4-Methylphenol	ND	8800	ug/kg	200
Naphthalene	**44000**	**8800**	**ug/kg**	**210**
2-Nitroaniline	ND	43000	ug/kg	110
3-Nitroaniline	ND	43000	ug/kg	4500
4-Nitroaniline	ND	43000	ug/kg	120
Nitrobenzene	ND	8800	ug/kg	290
2-Nitrophenol	ND	8800	ug/kg	160
4-Nitrophenol	ND	43000	ug/kg	120
N-Nitrosodi-n-propylamine	ND	8800	ug/kg	180
N-Nitrosodiphenylamine	ND	8800	ug/kg	1800
2,2'-oxybis(1-Chloropropane)	ND	8800	ug/kg	130
Pentachlorophenol	ND	43000	ug/kg	12000
Phenanthrene	**7600 J**	**8800**	**ug/kg**	**210**
Phenol	ND	8800	ug/kg	180
Pyrene	**8400 J**	**8800**	**ug/kg**	**220**
2,4,5-Trichlorophenol	ND	8800	ug/kg	510
2,4,6-Trichlorophenol	ND	8800	ug/kg	150

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YAP 1-20-07

The RETEC Group, Inc.

Client Sample ID: SB25(18-19.5) DL

GC/MS Semivolatiles

Lot-Sample #...: C6K060148-003 **Work Order #...:** JH2Q12AL **Matrix.....:** SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	NC,DIL	(21 - 144)
2-Fluorobiphenyl	NC,DIL	(26 - 128)
2-Fluorophenol	NC,DIL	(34 - 115)
Nitrobenzene-d5	NC,DIL	(30 - 118)
Phenol-d5	NC,DIL	(35 - 117)
Terphenyl-d14	NC,DIL	(40 - 115)

NOTE(S):

NC The recovery and/or RPD were not calculated.

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.

Naphthalene result was transposed over the original (10x) result.

YAP
1-20-07

The RETEC Group, Inc.

Client Sample ID: SB25(18-19.5)

TOTAL Metals

Lot-Sample #...: C6K060148-003 Matrix.....: SO
Date Sampled...: 11/03/06 Date Received..: 11/06/06
% Moisture.....: 25

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 6318073						
Silver	0.084 B J	0.67	mg/kg	SW846 6010B	11/14-11/16/06	JH2Q11AM
		Dilution Factor: 1		Analysis Time..: 17:52	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318048	MDL.....: 0.040	
Aluminum	10100	26.7	mg/kg	SW846 6010B	11/14-11/16/06	JH2Q11AN
		Dilution Factor: 1		Analysis Time..: 17:52	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318048	MDL.....: 1.1	
Arsenic	7.2	1.3	mg/kg	SW846 6010B	11/14-11/16/06	JH2Q11AP
		Dilution Factor: 1		Analysis Time..: 17:52	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318048	MDL.....: 0.44	
Barium	61.8	26.7	mg/kg	SW846 6010B	11/14-11/16/06	JH2Q11AQ
		Dilution Factor: 1		Analysis Time..: 17:52	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318048	MDL.....: 0.13	
Beryllium	0.78 J	0.53	mg/kg	SW846 6010B	11/14-11/16/06	JH2Q11AR
		Dilution Factor: 1		Analysis Time..: 17:52	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318048	MDL.....: 0.056	
Calcium	31700 J-	667	mg/kg	SW846 6010B	11/14-11/16/06	JH2Q11AT
		Dilution Factor: 1		Analysis Time..: 17:52	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318048	MDL.....: 5.3	
Cadmium	ND	0.67	mg/kg	SW846 6010B	11/14-11/16/06	JH2Q11AU
		Dilution Factor: 1		Analysis Time..: 17:52	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318048	MDL.....: 0.093	
Cobalt	6.6 B J	6.7	mg/kg	SW846 6010B	11/14-11/16/06	JH2Q11AV
		Dilution Factor: 1		Analysis Time..: 17:52	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318048	MDL.....: 0.070	
Chromium	12.1	0.67	mg/kg	SW846 6010B	11/14-11/16/06	JH2Q11AW
		Dilution Factor: 1		Analysis Time..: 17:52	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318048	MDL.....: 0.12	

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yup
1-20-07

The RETEC Group, Inc.

Client Sample ID: SB25(18-19.5)

TOTAL Metals

Lot-Sample #...: C6K060148-003 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Copper	28.6 J	3.3	mg/kg	SW846 6010B	11/14-11/16/06	JH2Q11AX
		Dilution Factor: 1		Analysis Time..: 17:52	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318048	MDL.....: 0.15	
Iron	19200	13.3	mg/kg	SW846 6010B	11/14-11/16/06	JH2Q11A0
		Dilution Factor: 1		Analysis Time..: 17:52	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318048	MDL.....: 2.4	
Potassium	1260 J	667	mg/kg	SW846 6010B	11/14-11/16/06	JH2Q11A1
		Dilution Factor: 1		Analysis Time..: 17:52	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318048	MDL.....: 10.0	
Magnesium	6040	667	mg/kg	SW846 6010B	11/14-11/16/06	JH2Q11A2
		Dilution Factor: 1		Analysis Time..: 17:52	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318048	MDL.....: 1.4	
Manganese	264 J	2.0	mg/kg	SW846 6010B	11/14-11/16/06	JH2Q11A3
		Dilution Factor: 1		Analysis Time..: 17:52	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318048	MDL.....: 0.015	
Sodium	1630	667	mg/kg	SW846 6010B	11/14-11/16/06	JH2Q11A4
		Dilution Factor: 1		Analysis Time..: 17:52	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318048	MDL.....: 20.9	
Nickel	15.4 J	5.3	mg/kg	SW846 6010B	11/14-11/16/06	JH2Q11A5
		Dilution Factor: 1		Analysis Time..: 17:52	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318048	MDL.....: 0.16	
Lead	1220 J-	0.80	mg/kg	SW846 6010B	11/14-11/17/06	JH2Q11A6
		Dilution Factor: 2		Analysis Time..: 12:20	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318048	MDL.....: 0.42	
Selenium	1.4	0.67	mg/kg	SW846 6010B	11/14-11/16/06	JH2Q11AA
		Dilution Factor: 1		Analysis Time..: 17:52	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318048	MDL.....: 0.35	
Thallium	ND	1.3	mg/kg	SW846 6010B	11/14-11/16/06	JH2Q11AC
		Dilution Factor: 1		Analysis Time..: 17:52	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318048	MDL.....: 0.61	

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Yup
1-20-07

The RETEC Group, Inc.

Client Sample ID: SB25(18-19.5)

TOTAL Metals

Lot-Sample #...: C6K060148-003 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	0.44 ~~B~~ J	1.3	mg/kg	SW846 6010B	11/14-11/16/06	JH2Q11AD
		Dilution Factor: 1		Analysis Time..: 17:52	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318048	MDL.....: 0.43	
Vanadium	25.8	6.7	mg/kg	SW846 6010B	11/14-11/16/06	JH2Q11AE
		Dilution Factor: 1		Analysis Time..: 17:52	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318048	MDL.....: 0.14	
Zinc	91.1 ~~J~~ J	2.7	mg/kg	SW846 6010B	11/14-11/16/06	JH2Q11AF
		Dilution Factor: 1		Analysis Time..: 17:52	Analyst ID.....: 402249	
		Instrument ID..: TRACEICP		MS Run #.....: 6318048	MDL.....: 0.23	
Prep Batch #...: 6325034						
Mercury	0.21	0.044	mg/kg	SW846 7471A	11/21/06	JH2Q11AG
		Dilution Factor: 1		Analysis Time..: 09:28	Analyst ID.....: 031043	
		Instrument ID..: HGHYDRA		MS Run #.....: 6325024	MDL.....: 0.011	

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.

Yep
1-20-07

RETEC, Schenectady Street MGP

Cyanide, Total

Lab Name: STL PITTSBURGH **Method:** SW846 9012A

Client Name: The RETEC Group, Inc. **Lot Number:** C6K030390

Matrix: SOLID

Distillation procedure

Client Sample ID	Sample Number	Workorder	Result	Units	Reporting Limit	Dilution Factor	Prep Date - Analysis Date/Time	QC Batch
TP7S(7.5)(HORZ 0-10)	C6K030390 001	JHX601A6	110	mg/kg	7.9	10	11/9/2006 - 11/9/2006 00:00	6313126
~~TP5~~(7)(HORZ 15) TP6 (7.5)	C6K030390 002	JHX611AH	ND	mg/kg	0.60	1	11/11/2006 - 11/11/2006 00:00	6315044
SB-13(0-11)	C6K030390 003	JHX621AH	0.47 ~~B~~ J	mg/kg	0.63	1	11/11/2006 - 11/11/2006 00:00	6315044
SB-18(10-11)	C6K030390 004	JHX641AH	0.35 ~~B~~ J	mg/kg	0.60	1	11/11/2006 - 11/11/2006 00:00	6315044
SB-18(18.5-20)	C6K030390 005	JHX651AH	0.30 ~~B~~ J	mg/kg	0.65	1	11/11/2006 - 11/11/2006 00:00	6315044
SB-21(9-10)	C6K030390 006	JHX671AH	0.27 ~~B~~ J	mg/kg	0.59	1	11/11/2006 - 11/11/2006 00:00	6315044
SB-24(13.5-14.5)	C6K030390 007	JHX7A1AH	0.31 ~~B~~ J	mg/kg	0.64	1	11/11/2006 - 11/11/2006 00:00	6315044
SB-24(20-21)	C6K030390 008	JHX7F1AW	0.48 ~~B~~ J	mg/kg	0.90	1	11/11/2006 - 11/11/2006 00:00	6315044
SB-19(23-24.5)	C6K030390 009	JHX7M1AH	0.39 ~~B~~ J	mg/kg	0.79	1	11/11/2006 - 11/11/2006 00:00	6315044
SB-20(30-32.5)	C6K030390 010	JHX7N1AH	0.29 ~~B~~ J	mg/kg	0.60	1	11/11/2006 - 11/11/2006 00:00	6315044
SB-20(38.5-40)	C6K030390 011	JHX7Q1AH	0.35 ~~B~~ J	mg/kg	0.62	1	11/11/2006 - 11/11/2006 00:00	6315044
SB-20(16.5-18)	C6K030390 012	JHX7V1AH	0.6 ~~0.85 B J~~ U	mg/kg	0.66	1	11/14/2006 - 11/14/2006 00:00	6318141

GAH 01/17/07

~~B Estimated result. Result is less than RL.~~

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

RETEC, Schenectady Street MGP

Cyanide, Total

Lab Name: STL PITTSBURGH
Client Name: The RETEC Group, Inc.
Matrix: SOLID

Method: SW846 9012A
Lot Number: C6K060148

Distillation procedure

Client Sample ID	Sample Number	Workorder	Result	Units	Reporting Limit	Dilution Factor	Prep Date - Analysis Date/Time	QC Batch
SB23(10-13)	C6K060148 001	JH2QT1A6	1.3	mg/kg	0.58	1	11/15/2006 - 11/15/2006 00:00	6319440
SB23(6-7)	C6K060148 002	JH2QX1AH	15.4	mg/kg	0.60	1	11/15/2006 - 11/15/2006 00:00	6319440
SB25(18-19.5)	C6K060148 003	JH2Q11AH	6.5	mg/kg	0.67	1	11/15/2006 - 11/15/2006 00:00	6319440
SB22(18-20)	C6K060148 004	JH2Q31AH	~~0.88 BJ~~ 0.93 U	mg/kg	0.93	1	11/15/2006 - 11/15/2006 00:00	6319440
SB220(18-20)	C6K060148 005	JH2Q41AH	~~0.87 BJ~~ 1.0 U	mg/kg	1.0	1	11/15/2006 - 11/15/2006 00:00	6319440
SB15(34-35)	C6K060148 006	JH2Q51AH	1.4	mg/kg	0.58	1	11/15/2006 - 11/15/2006 00:00	6319440

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

YLP
1-20-07

RETEC, Schenectady Street MGP

Cyanide, Total

Lab Name:	STL PITTSBURGH	**Method:**	SW846 9012A
Client Name:	The RETEC Group, Inc.	**Lot Number:**	C6K080197
Matrix:	SOLID		

Distillation procedure

Client Sample ID	Sample Number	Workorder	Result	Units	Reporting Limit	Dilution Factor	Prep Date - Analysis Date/Time	QC Batch
SB16(35-37)	C6K080197 001	JH7FW1A6	1.1 J	mg/kg	0.61	1	11/15/2006 - 11/15/2006 00:00	6319163
SB16(49-50)	C6K080197 002	JH7F61AH	~~0.39 B J~~ 0.58 U	mg/kg	0.58	1	11/15/2006 - 11/15/2006 00:00	6319163
SB14(38-40)	C6K080197 003	JH7F81AH	~~0.29 B J~~ 0.59 U	mg/kg	0.59	1	11/15/2006 - 11/15/2006 00:00	6319163
SB14(15-17.5)	C6K080197 004	JH7GE1AH	0.68 J	mg/kg	0.61	1	11/15/2006 - 11/15/2006 00:00	6319163
SB11(20-22)	C6K080197 005	JH7GJ1AW	ND	mg/kg	0.70	1	11/16/2006 - 11/16/2006 00:00	6320114
SB11(38-40)	C6K080197 006	JH7GM1AH	ND	mg/kg	0.56	1	11/16/2006 - 11/16/2006 00:00	6320114
SB10(10.5-11.5)	C6K080197 007	JH7GQ1AH	ND	mg/kg	0.59	1	11/16/2006 - 11/16/2006 00:00	6320114
SB10(28-30)	C6K080197 008	JH7G01AH	ND	mg/kg	0.64	1	11/16/2006 - 11/16/2006 00:00	6320114

Gam 01/23/07

RETEC, Schenectady Street MGP

Cyanide, Total

Lab Name: STL PITTSBURGH
Client Name: The RETEC Group, Inc.
Matrix: SOLID

Method: SW846 9012A
Lot Number: C6K100374

Distillation procedure

Client Sample ID	Sample Number	Workorder	Result	Units	Reporting Limit	Dilution Factor	Prep Date - Analysis Date/Time	QC Batch
SB12(25-26)	C6K100374 001	JJG611A6	ND	mg/kg	0.72	1	11/16/2006 - 11/16/2006 00:00	6320114
SB12(38-40)	C6K100374 002	JJG641AH	ND	mg/kg	0.61	1	11/16/2006 - 11/16/2006 00:00	6320114
SB13(37-39)	C6K100374 003	JJG661AH	~~0.48 B J~~ 0.60 U	mg/kg	0.60	1	11/20/2006 - 11/20/2006 00:00	6324176
SB130(37-39)	C6K100374 004	JJG681AH	~~0.41 B J~~ 0.61 U	mg/kg	0.61	1	11/20/2006 - 11/20/2006 00:00	6324176
SB17(10.5-11.5)	C6K100374 005	JJG7C1AN	135 J	mg/kg	6.4	10	11/14/2006 - 11/14/2006 00:00	6318141
SB15(25-27)	C6K100374 006	JJG7J1AN	3.5 J	mg/kg	0.63	1	11/15/2006 - 11/15/2006 00:00	6319440

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

1-21-07

RETEC, Schenectady Street MGP

Percent Solids

Lab Name: STL PITTSBURGH
Client Name: The RETEC Group, Inc.
Matrix: SOLID
Method: MCAWW 160.3 MOD
Lot Number: C6K060148

Total Residue as Percent Solids

Client Sample ID	Sample Number	Workorder	Result	Units	Reporting Limit	Dilution Factor	Prep Date - Analysis Date/Time	QC Batch
SB23(10-13)	C6K060148 001	JH2QT1AA	86.9	%	1.0	1	11/8/2006 - 11/9/2006 09:45	6312572
SB23(6-7)	C6K060148 002	JH2QX1AJ	83.2	%	1.0	1	11/8/2006 - 11/9/2006 09:45	6312572
SB25(18-19.5)	C6K060148 003	JH2Q11AJ	75.0	%	1.0	1	11/8/2006 - 11/9/2006 09:45	6312572
SB22(18-20)	C6K060148 004	JH2Q31AJ	53.8	%	1.0	1	11/8/2006 - 11/9/2006 09:45	6312572
SB220(18-20)	C6K060148 005	JH2Q41AJ	49.6	%	1.0	1	11/8/2006 - 11/9/2006 09:45	6312572
SB15(34-35)	C6K060148 006	JH2Q51AJ	86.2	%	1.0	1	11/8/2006 - 11/9/2006 09:45	6312572

RETEC, Schenectady Street MGP

Percent Solids

Lab Name: STL PITTSBURGH
Client Name: The RETEC Group, Inc.
Matrix: SOLID
Method: MCAWW 160.3 MOD
Lot Number: C6K080197

Total Residue as Percent Solids

Client Sample ID	Sample Number	Workorder	Result	Units	Reporting Limit	Dilution Factor	Prep Date - Analysis Date/Time	QC Batch
SB16(35-37)	C6K080197 001	JH7FW1AA	81.9	%		1	11/14/2006 - 11/15/2006 08:02	6318450
SB16(49-50)	C6K080197 002	JH7F81AJ	86.0	%		1	11/14/2006 - 11/15/2006 08:02	6318450
SB14(38-40)	C6K080197 003	JH7F81AJ	85.1	%		1	11/14/2006 - 11/15/2006 08:02	6318450
SB14(15-17.5)	C6K080197 004	JH7GE1AJ	81.7	%		1	11/14/2006 - 11/15/2006 08:02	6318450
SB11(20-22)	C6K080197 005	JH7GJ1A1	71.6	%		1	11/14/2006 - 11/15/2006 08:02	6318450
SB11(38-40)	C6K080197 006	JH7GM1AJ	88.8	%		1	11/14/2006 - 11/15/2006 08:02	6318450
SB10(10.5-11.5)	C6K080197 007	JH7GQ1AJ	84.7	%		1	11/14/2006 - 11/15/2006 08:02	6318450
SB10(28-30)	C6K080197 008	JH7G01AJ	77.9	%		1	11/14/2006 - 11/15/2006 08:02	6318450

RETEC, Schenectady Street MGP

Percent Solids

Lab Name: STL PITTSBURGH
Client Name: The RETEC Group, Inc.
Matrix: SOLID

Method: MCAWW 160.3 MOD
Lot Number: C6K100374

Total Residue as Percent Solids

Client Sample ID	Sample Number	Workorder	Result	Units	Reporting Limit	Dilution Factor	Prep Date - Analysis Date/Time	QC Batch
SB12(25-26)	C6K100374 001	JJG611AA	69.3	%	1.0	1	11/15/2006 - 11/16/2006 13:04	6319515
SB12(38-40)	C6K100374 002	JJG641AJ	81.4	%	1.0	1	11/15/2006 - 11/16/2006 13:04	6319515
SB13(37-39)	C6K100374 003	JJG661AJ	83.3	%	1.0	1	11/15/2006 - 11/16/2006 13:04	6319515
SB130(37-39)	C6K100374 004	JJG681AJ	82.3	%	1.0	1	11/15/2006 - 11/16/2006 13:04	6319515
SB17(10.5-11.5)	C6K100374 005	JJG7C1AA	77.8	%	1.0	1	11/15/2006 - 11/16/2006 13:04	6319515
SB15(25-27)	C6K100374 006	JJG7J1AA	79.8	%	1.0	1	11/15/2006 - 11/16/2006 13:04	6319515

RETEC, Schenectady Street MGP

Percent Solids

Lab Name: STL PITTSBURGH **Method:** MCAWW 160.3 MOD

Client Name: The RETEC Group, Inc. **Lot Number:** C6K030390

Matrix: SOLID

Total Residue as Percent Solids

Client Sample ID	Sample Number	Workorder	Result	Units	Reporting Limit	Dilution Factor	Prep Date - Analysis Date/Time	QC Batch
TP7S(7.5)(HORZ 0-10)	C6K030390 001	JHX601AA	63.4	%	1.0	1	11/6/2006 - 11/7/2006 11:04	6310521
~~TP5~~(7)(HORZ 15) Tp6 1.2k9	C6K030390 002	JHX611AJ	83.1	%	1.0	1	11/6/2006 - 11/7/2006 11:04	6310521
SB-13(0-11)	C6K030390 003	JHX621AJ	78.9	%	1.0	1	11/6/2006 - 11/7/2006 11:04	6310521
SB-18(10-11)	C6K030390 004	JHX641AJ	83.0	%	1.0	1	11/6/2006 - 11/7/2006 11:04	6310521
SB-18(18.5-20)	C6K030390 005	JHX651AJ	76.8	%	1.0	1	11/6/2006 - 11/7/2006 11:04	6310521
SB-21(9-10)	C6K030390 006	JHX671AJ	84.1	%	1.0	1	11/6/2006 - 11/7/2006 11:04	6310521
SB-24(13.5-14.5)	C6K030390 007	JHX7A1AJ	77.8	%	1.0	1	11/6/2006 - 11/7/2006 11:04	6310521
SB-24(20-21)	C6K030390 008	JHX7F1A1	55.7	%	1.0	1	11/6/2006 - 11/7/2006 11:04	6310521
SB-19(23-24.5)	C6K030390 009	JHX7M1AJ	63.3	%	1.0	1	11/6/2006 - 11/7/2006 11:04	6310521
SB-20(30-32.5)	C6K030390 010	JHX7N1AJ	82.8	%	1.0	1	11/6/2006 - 11/7/2006 11:04	6310521
SB-20(38.5-40)	C6K030390 011	JHX7Q1AJ	80.7	%	1.0	1	11/6/2006 - 11/7/2006 11:04	6310521
SB-20(16.5-18)	C6K030390 012	JHX7V1AJ	75.9	%	1.0	1	11/6/2006 - 11/7/2006 11:04	6310521

The RETEC Group, Inc.

Client Sample ID: MW01(04)

GC/MS Volatiles

Lot-Sample #...: C6K300215-007	Work Order #...: JKJ9H1AH	Matrix.....: WG	
Date Sampled...: 11/29/06	Date Received..: 11/30/06	MS Run #.....: 6338194	
Prep Date.....: 12/04/06	Analysis Date..: 12/04/06		
Prep Batch #...: 6338321	Analysis Time..: 16:34		
Dilution Factor: 1	Initial Wgt/Vol: 5 mL	Final Wgt/Vol..: 5 mL	
Analyst ID.....: 001562	Instrument ID..: HP5		
	Method.....: SW846 8260B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	5.0	ug/L	2.5
Benzene	**1.4**	**1.0**	**ug/L**	**0.13**
Bromodichloromethane	ND	1.0	ug/L	0.11
Bromoform	ND	1.0	ug/L	0.29
Bromomethane	ND	1.0	ug/L	0.43
2-Butanone	ND	5.0	ug/L	1.2
Carbon disulfide	ND	1.0	ug/L	0.16
Carbon tetrachloride	ND	1.0	ug/L	0.25
Chlorobenzene	ND	1.0	ug/L	0.19
Chloroethane	ND	1.0	ug/L	0.41
Chloroform	ND	1.0	ug/L	0.10
Chloromethane	ND	1.0	ug/L	0.17
Cyclohexane	**2.3**	**1.0**	**ug/L**	**0.47**
Dibromochloromethane	ND	1.0	ug/L	0.31
1,2-Dibromo-3-chloro-propane	ND	1.0	ug/L	0.38
1,2-Dibromoethane	ND	1.0	ug/L	0.16
1,3-Dichlorobenzene	ND	1.0	ug/L	0.098
1,4-Dichlorobenzene	ND	1.0	ug/L	0.20
1,2-Dichlorobenzene	ND	1.0	ug/L	0.20
Dichlorodifluoromethane	ND	1.0	ug/L	0.43
1,1-Dichloroethane	ND	1.0	ug/L	0.21
1,2-Dichloroethane	ND	1.0	ug/L	0.10
1,1-Dichloroethene	ND	1.0	ug/L	0.35
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.27
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.23
1,2-Dichloropropane	ND	1.0	ug/L	0.17
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.16
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.12
Ethylbenzene	ND	1.0	ug/L	0.17
2-Hexanone	ND	5.0	ug/L	0.88
Isopropylbenzene	**0.70 J**	**1.0**	**ug/L**	**0.19**
Methyl acetate	ND	1.0	ug/L	0.26
Methylene chloride	ND	1.0	ug/L	0.40
Methylcyclohexane	**1.5**	**1.0**	**ug/L**	**0.19**
4-Methyl-2-pentanone	ND	5.0	ug/L	1.2
Methyl tert-butyl ether	ND	1.0	ug/L	0.28

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The RETEC Group, Inc.

Client Sample ID: MW01(04)

GC/MS Volatiles

Lot-Sample #...: C6K300215-007 **Work Order #...:** JKJ9H1AH **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Styrene	ND	1.0	ug/L	0.10
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.42
1,2,4-Trichloro-benzene	ND	1.0	ug/L	0.40
Tetrachloroethene	ND	1.0	ug/L	0.21
1,1,1-Trichloroethane	ND	1.0	ug/L	0.24
1,1,2-Trichloroethane	ND	1.0	ug/L	0.22
Trichloroethene	ND	1.0	ug/L	0.22
Trichlorofluoromethane	ND	1.0	ug/L	0.18
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L	0.29
Toluene	**0.22 J**	**1.0**	**ug/L**	**0.18**
Vinyl chloride	ND	1.0	ug/L	0.17
Xylenes (total)	**2.1 J**	**3.0**	**ug/L**	**0.34**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	103	(71 - 118)
1,2-Dichloroethane-d4	103	(64 - 135)
4-Bromofluorobenzene	100	(70 - 118)
Dibromofluoromethane	105	(64 - 128)

NOTE(S):

J Estimated result. Result is less than RL.

The RETEC Group, Inc.

Client Sample ID: MW01(04)

GC/MS Semivolatiles

Lot-Sample #...:	C6K300215-007	**Work Order #...:**	JKJ9H1AJ	**Matrix.....:**	WG
Date Sampled...:	11/29/06 09:20	**Date Received..:**	11/30/06 09:45	**MS Run #.....:**	6335030
Prep Date.....:	12/01/06	**Analysis Date..:**	12/08/06		
Prep Batch #...:	6335080	**Analysis Time..:**	16:55		
Dilution Factor:	1	**Initial Wgt/Vol:**	1000 mL	**Final Wgt/Vol..:**	1 mL
Analyst ID.....:	003200	**Instrument ID..:**	731		
		Method.....:	SW846 8270C		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	**7.3 J**	**10**	**ug/L**	**6.4**
Acenaphthylene	ND	10	ug/L	4.5
Acetophenone	ND	10	ug/L	7.3
Anthracene	ND	10	ug/L	1.5
Atrazine	ND	10	ug/L	3.0
Benzo(a)anthracene	ND	10	ug/L	1.4
Benzo(a)pyrene	ND	10	ug/L	3.6
Benzo(b)fluoranthene	ND	10	ug/L	1.4
Benzo(ghi)perylene	ND	10	ug/L	2.7
Benzo(k)fluoranthene	ND	10	ug/L	2.6
Benzaldehyde	ND	10	ug/L	1.0
1,1'-Biphenyl	ND	10	ug/L	5.4
bis(2-Chloroethoxy) methane	ND	10	ug/L	4.0
bis(2-Chloroethyl)-ether	ND	10	ug/L	2.4
bis(2-Ethylhexyl) phthalate	ND	10	ug/L	1.6
4-Bromophenyl phenyl ether	ND	10	ug/L	1.0
Butyl benzyl phthalate	ND	10	ug/L	2.9
Caprolactam	ND	10	ug/L	0.90
Carbazole	ND	10	ug/L	3.6
4-Chloroaniline	ND	10	ug/L	1.1
4-Chloro-3-methylphenol	ND	10	ug/L	1.1
2-Chloronaphthalene	ND	10	ug/L	5.9
2-Chlorophenol	ND	10	ug/L	2.9
4-Chlorophenyl phenyl ether	ND	10	ug/L	1.4
Chrysene	ND	10	ug/L	1.3
Dibenz(a,h)anthracene	ND	10	ug/L	0.38
Dibenzofuran	ND	10	ug/L	6.1
3,3'-Dichlorobenzidine	ND	50	ug/L	6.9
2,4-Dichlorophenol	ND	10	ug/L	3.4
Diethyl phthalate	ND	10	ug/L	1.5
2,4-Dimethylphenol	ND	10	ug/L	3.5
Dimethyl phthalate	ND	10	ug/L	1.3

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The RETEC Group, Inc.

Client Sample ID: MW01(04)

GC/MS Semivolatiles

Lot-Sample #...: C6K300215-007 **Work Order #...:** JKJ9H1AJ **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-butyl phthalate	ND	10	ug/L	1.3
4,6-Dinitro-2-methylphenol	ND	50	ug/L	20
2,4-Dinitrophenol	ND	50	ug/L	22
2,4-Dinitrotoluene	ND	10	ug/L	5.2
2,6-Dinitrotoluene	ND	10	ug/L	1.1
Di-n-octyl phthalate	ND	10	ug/L	1.6
Fluoranthene	ND	10	ug/L	1.8
Fluorene	ND	10	ug/L	1.5
Hexachlorobenzene	ND	10	ug/L	6.8
Hexachlorobutadiene	ND	10	ug/L	8.2
Hexachlorocyclopentadiene	ND	50	ug/L	1.1
Hexachloroethane	ND	10	ug/L	7.2
Indeno(1,2,3-cd)pyrene	ND	10	ug/L	2.3
Isophorone	ND	10	ug/L	6.3
2-Methylnaphthalene	ND	10	ug/L	2.1
2-Methylphenol	ND	10	ug/L	2.6
4-Methylphenol	ND	10	ug/L	1.5
Naphthalene	ND	10	ug/L	2.4
2-Nitroaniline	ND	50	ug/L	8.5
3-Nitroaniline	ND	50	ug/L	10
4-Nitroaniline	ND	50	ug/L	13
Nitrobenzene	ND	10	ug/L	2.3
2-Nitrophenol	ND	10	ug/L	3.4
4-Nitrophenol	ND	50	ug/L	16
N-Nitrosodi-n-propylamine	ND	10	ug/L	3.9
N-Nitrosodiphenylamine	ND	10	ug/L	3.2
2,2'-oxybis(1-Chloropropane)	ND	10	ug/L	6.2
Pentachlorophenol	ND	50	ug/L	21
Phenanthrene	ND	10	ug/L	6.0
Phenol	ND	10	ug/L	2.8
Pyrene	ND	10	ug/L	3.9
2,4,5-Trichlorophenol	ND	10	ug/L	3.9
2,4,6-Trichlorophenol	ND	10	ug/L	3.1

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The RETEC Group, Inc.

Client Sample ID: MW01(04)

GC/MS Semivolatiles

Lot-Sample #...: C6K300215-007 **Work Order #...:** JKJ9H1AJ **Matrix.....:** WG

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	61	(19 - 138)
2-Fluorobiphenyl	60	(35 - 115)
2-Fluorophenol	63	(10 - 118)
Nitrobenzene-d5	68	(39 - 115)
Phenol-d5	59	(18 - 115)
Terphenyl-d14	33	(17 - 129)

NOTE(S):

J Estimated result. Result is less than RL.

The RETEC Group, Inc.

Client Sample ID: MW01(04)

TOTAL Metals

Lot-Sample #...: C6K300215-007 Matrix.....: WG
Date Sampled...: 11/29/06 Date Received..: 11/30/06

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 6345074						
Silver	ND	5.0	ug/L	SW846 6010B	12/11-12/13/06	JKJ9H1AK
		Dilution Factor: 1		Analysis Time..: 20:02	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 6345047	MDL.....: 0.30	
Aluminum	**219 B J**	**200**	**ug/L**	**SW846 6010B**	**12/11-12/13/06**	**JKJ9H1AL**
		Dilution Factor: 1		Analysis Time..: 20:02	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 6345047	MDL.....: 8.0	
Arsenic	**8.2 B J**	**10.0**	**ug/L**	**SW846 6010B**	**12/11-12/13/06**	**JKJ9H1AM**
		Dilution Factor: 1		Analysis Time..: 20:02	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 6345047	MDL.....: 3.3	
Barium	**175 B J**	**200**	**ug/L**	**SW846 6010B**	**12/11-12/13/06**	**JKJ9H1AN**
		Dilution Factor: 1		Analysis Time..: 20:02	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 6345047	MDL.....: 1.0	
Beryllium	ND	4.0	ug/L	SW846 6010B	12/11-12/13/06	JKJ9H1AP
		Dilution Factor: 1		Analysis Time..: 20:02	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 6345047	MDL.....: 0.42	
Calcium	**202000**	**5000**	**ug/L**	**SW846 6010B**	**12/11-12/13/06**	**JKJ9H1AQ**
		Dilution Factor: 1		Analysis Time..: 20:02	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 6345047	MDL.....: 39.5	
Cadmium	ND	5.0	ug/L	SW846 6010B	12/11-12/13/06	JKJ9H1AR
		Dilution Factor: 1		Analysis Time..: 20:02	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 6345047	MDL.....: 0.70	
Cobalt	ND	50.0	ug/L	SW846 6010B	12/11-12/13/06	JKJ9H1AT
		Dilution Factor: 1		Analysis Time..: 20:02	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 6345047	MDL.....: 0.53	
Chromium	**1.5 B J**	**5.0**	**ug/L**	**SW846 6010B**	**12/11-12/13/06**	**JKJ9H1AU**
		Dilution Factor: 1		Analysis Time..: 20:02	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 6345047	MDL.....: 0.93	

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The RETEC Group, Inc.

Client Sample ID: MW01(04)

TOTAL Metals

Lot-Sample #...: C6K300215-007 Matrix.....: WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Copper	1.5 B J	25.0	ug/L	SW846 6010B	12/11-12/13/06	JKJ9H1AV
		Dilution Factor: 1		Analysis Time..: 20:02	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 6345047	MDL.....: 1.2	
Iron	8650	100	ug/L	SW846 6010B	12/11-12/13/06	JKJ9H1AW
		Dilution Factor: 1		Analysis Time..: 20:02	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 6345047	MDL.....: 18.0	
Potassium	38200 J	5000	ug/L	SW846 6010B	12/11-12/13/06	JKJ9H1AX
		Dilution Factor: 1		Analysis Time..: 20:02	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 6345047	MDL.....: 75.0	
Magnesium	21900	5000	ug/L	SW846 6010B	12/11-12/13/06	JKJ9H1A0
		Dilution Factor: 1		Analysis Time..: 20:02	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 6345047	MDL.....: 10.2	
Manganese	1350	15.0	ug/L	SW846 6010B	12/11-12/13/06	JKJ9H1A1
		Dilution Factor: 1		Analysis Time..: 20:02	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 6345047	MDL.....: 0.11	
Sodium	347000 J	5000	ug/L	SW846 6010B	12/11-12/13/06	JKJ9H1A2
		Dilution Factor: 1		Analysis Time..: 20:02	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 6345047	MDL.....: 157	
Nickel	ND	40.0	ug/L	SW846 6010B	12/11-12/13/06	JKJ9H1A3
		Dilution Factor: 1		Analysis Time..: 20:02	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 6345047	MDL.....: 1.2	
Lead	ND	3.0	ug/L	SW846 6010B	12/11-12/13/06	JKJ9H1A4
		Dilution Factor: 1		Analysis Time..: 20:02	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 6345047	MDL.....: 1.6	
Selenium	ND	5.0	ug/L	SW846 6010B	12/11-12/13/06	JKJ9H1A5
		Dilution Factor: 1		Analysis Time..: 20:02	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 6345047	MDL.....: 2.6	
Thallium	ND	10.0	ug/L	SW846 6010B	12/11-12/13/06	JKJ9H1AA
		Dilution Factor: 1		Analysis Time..: 20:02	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 6345047	MDL.....: 4.6	

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The RETEC Group, Inc.

Client Sample ID: MW01(04)

TOTAL Metals

Lot-Sample #...: C6K300215-007 Matrix.....: WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	ND	10.0	ug/L	SW846 6010B	12/11-12/13/06	JKJ9H1AC
		Dilution Factor: 1		Analysis Time..: 20:02	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 6345047	MDL.....: 3.2	
Vanadium	ND	50.0	ug/L	SW846 6010B	12/11-12/13/06	JKJ9H1AD
		Dilution Factor: 1		Analysis Time..: 20:02	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 6345047	MDL.....: 1.0	
Zinc	~~10.3 B,J~~ 20 U	20.0	ug/L	SW846 6010B	12/11-12/13/06	JKJ9H1AE
		Dilution Factor: 1		Analysis Time..: 20:02	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 6345047	MDL.....: 1.7	
Prep Batch #...: 6348035						
Mercury	ND	0.20	ug/L	SW846 7470A	12/14/06	JKJ9H1AF
		Dilution Factor: 1		Analysis Time..: 09:57	Analyst ID.....: 031043	
		Instrument ID..: HGHYDRA		MS Run #.....: 6348021	MDL.....: 0.048	

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.~~

The RETEC Group, Inc.

Client Sample ID: MW02(04)

GC/MS Volatiles

Lot-Sample #...: C6K300215-004	**Work Order #...:** JKJ841AH	**Matrix.....:** WG
Date Sampled...: 11/28/06	**Date Received..:** 11/30/06	**MS Run #.....:** 6338194
Prep Date.....: 12/04/06	**Analysis Date..:** 12/04/06	
Prep Batch #...: 6338321	**Analysis Time..:** 15:47	
Dilution Factor: 1	**Initial Wgt/Vol:** 5 mL	**Final Wgt/Vol..:** 5 mL
Analyst ID.....: 001562	**Instrument ID..:** HP5	
	Method.....: SW846 8260B	

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	5.0	ug/L	2.5
Benzene	ND	1.0	ug/L	0.13
Bromodichloromethane	ND	1.0	ug/L	0.11
Bromoform	ND	1.0	ug/L	0.29
Bromomethane	ND	1.0	ug/L	0.43
2-Butanone	ND	5.0	ug/L	1.2
Carbon disulfide	ND	1.0	ug/L	0.16
Carbon tetrachloride	ND	1.0	ug/L	0.25
Chlorobenzene	ND	1.0	ug/L	0.19
Chloroethane	ND	1.0	ug/L	0.41
Chloroform	ND	1.0	ug/L	0.10
Chloromethane	ND	1.0	ug/L	0.17
Cyclohexane	ND	1.0	ug/L	0.47
Dibromochloromethane	ND	1.0	ug/L	0.31
1,2-Dibromo-3-chloro-propane	ND	1.0	ug/L	0.38
1,2-Dibromoethane	ND	1.0	ug/L	0.16
1,3-Dichlorobenzene	ND	1.0	ug/L	0.098
1,4-Dichlorobenzene	ND	1.0	ug/L	0.20
1,2-Dichlorobenzene	ND	1.0	ug/L	0.20
Dichlorodifluoromethane	ND	1.0	ug/L	0.43
1,1-Dichloroethane	ND	1.0	ug/L	0.21
1,2-Dichloroethane	ND	1.0	ug/L	0.10
1,1-Dichloroethene	ND	1.0	ug/L	0.35
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.27
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.23
1,2-Dichloropropane	ND	1.0	ug/L	0.17
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.16
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.12
Ethylbenzene	ND	1.0	ug/L	0.17
2-Hexanone	ND	5.0	ug/L	0.88
Isopropylbenzene	ND	1.0	ug/L	0.19
Methyl acetate	ND	1.0	ug/L	0.26
Methylene chloride	ND	1.0	ug/L	0.40
Methylcyclohexane	ND	1.0	ug/L	0.19
4-Methyl-2-pentanone	ND	5.0	ug/L	1.2
Methyl tert-butyl ether	ND	1.0	ug/L	0.28

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The RETEC Group, Inc.

Client Sample ID: MW02(04)

GC/MS Volatiles

Lot-Sample #...: C6K300215-004 **Work Order #...:** JKJ841AH **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Styrene	ND	1.0	ug/L	0.10
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.42
1,2,4-Trichloro-benzene	ND	1.0	ug/L	0.40
Tetrachloroethene	ND	1.0	ug/L	0.21
1,1,1-Trichloroethane	ND	1.0	ug/L	0.24
1,1,2-Trichloroethane	ND	1.0	ug/L	0.22
Trichloroethene	ND	1.0	ug/L	0.22
Trichlorofluoromethane	ND	1.0	ug/L	0.18
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L	0.29
Toluene	ND	1.0	ug/L	0.18
Vinyl chloride	ND	1.0	ug/L	0.17
Xylenes (total)	ND	3.0	ug/L	0.34

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	106	(71 - 118)
1,2-Dichloroethane-d4	102	(64 - 135)
4-Bromofluorobenzene	102	(70 - 118)
Dibromofluoromethane	101	(64 - 128)

The RETEC Group, Inc.

Client Sample ID: MW02(04)

GC/MS Semivolatiles

Lot-Sample #...:	C6K300215-004	**Work Order #...:**	JKJ841AJ	**Matrix.....:**	WG
Date Sampled...:	11/28/06 14:00	**Date Received..:**	11/30/06 09:45	**MS Run #.....:**	6335030
Prep Date.....:	12/01/06	**Analysis Date..:**	12/08/06		
Prep Batch #...:	6335080	**Analysis Time..:**	14:38		
Dilution Factor:	0.95	**Initial Wgt/Vol:**	1050 mL	**Final Wgt/Vol..:**	1 mL
Analyst ID.....:	003200	**Instrument ID..:**	731		
		Method.....:	SW846 8270C		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	9.5	ug/L	6.1
Acenaphthylene	ND	9.5	ug/L	4.2
Acetophenone	ND	9.5	ug/L	6.9
Anthracene	ND	9.5	ug/L	1.4
Atrazine	ND	9.5	ug/L	2.8
Benzo(a)anthracene	ND	9.5	ug/L	1.4
Benzo(a)pyrene	ND	9.5	ug/L	3.5
Benzo(b)fluoranthene	ND	9.5	ug/L	1.3
Benzo(ghi)perylene	ND	9.5	ug/L	2.6
Benzo(k)fluoranthene	ND	9.5	ug/L	2.5
Benzaldehyde	ND	9.5	ug/L	0.97
1,1'-Biphenyl	ND	9.5	ug/L	5.1
bis(2-Chloroethoxy) methane	ND	9.5	ug/L	3.8
bis(2-Chloroethyl)-ether	ND	9.5	ug/L	2.3
bis(2-Ethylhexyl) phthalate	~~5.2 J~~ 9.5 U	9.5	ug/L	1.5
4-Bromophenyl phenyl ether	ND	9.5	ug/L	0.95
Butyl benzyl phthalate	ND	9.5	ug/L	2.8
Caprolactam	ND	9.5	ug/L	0.85
Carbazole	ND	9.5	ug/L	3.4
4-Chloroaniline	ND	9.5	ug/L	1.0
4-Chloro-3-methylphenol	ND	9.5	ug/L	1.0
2-Chloronaphthalene	ND	9.5	ug/L	5.6
2-Chlorophenol	ND	9.5	ug/L	2.8
4-Chlorophenyl phenyl ether	ND	9.5	ug/L	1.4
Chrysene	ND	9.5	ug/L	1.3
Dibenz(a,h)anthracene	ND	9.5	ug/L	0.36
Dibenzofuran	ND	9.5	ug/L	5.8
3,3'-Dichlorobenzidine	ND	48	ug/L	6.5
2,4-Dichlorophenol	ND	9.5	ug/L	3.2
Diethyl phthalate	ND	9.5	ug/L	1.4
2,4-Dimethylphenol	ND	9.5	ug/L	3.3
Dimethyl phthalate	ND	9.5	ug/L	1.2

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The RETEC Group, Inc.

Client Sample ID: MW02(04)

GC/MS Semivolatiles

Lot-Sample #...: C6K300215-004 **Work Order #...:** JKJ841AJ **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-butyl phthalate	ND	9.5	ug/L	1.2
4,6-Dinitro-2-methylphenol	ND	48	ug/L	19
2,4-Dinitrophenol	ND	48	ug/L	21
2,4-Dinitrotoluene	ND	9.5	ug/L	5.0
2,6-Dinitrotoluene	ND	9.5	ug/L	1.0
Di-n-octyl phthalate	ND	9.5	ug/L	1.5
Fluoranthene	ND	9.5	ug/L	1.7
Fluorene	ND	9.5	ug/L	1.4
Hexachlorobenzene	ND	9.5	ug/L	6.5
Hexachlorobutadiene	ND	9.5	ug/L	7.8
Hexachlorocyclopentadiene	ND	48	ug/L	1.0
Hexachloroethane	ND	9.5	ug/L	6.8
Indeno(1,2,3-cd)pyrene	ND	9.5	ug/L	2.2
Isophorone	ND	9.5	ug/L	6.0
2-Methylnaphthalene	ND	9.5	ug/L	2.0
2-Methylphenol	ND	9.5	ug/L	2.5
4-Methylphenol	ND	9.5	ug/L	1.4
Naphthalene	ND	9.5	ug/L	2.3
2-Nitroaniline	ND	48	ug/L	8.1
3-Nitroaniline	ND	48	ug/L	9.7
4-Nitroaniline	ND	48	ug/L	12
Nitrobenzene	ND	9.5	ug/L	2.2
2-Nitrophenol	ND	9.5	ug/L	3.3
4-Nitrophenol	ND	48	ug/L	16
N-Nitrosodi-n-propylamine	ND	9.5	ug/L	3.7
N-Nitrosodiphenylamine	ND	9.5	ug/L	3.0
2,2'-oxybis(1-Chloropropane)	ND	9.5	ug/L	5.9
Pentachlorophenol	ND	48	ug/L	20
Phenanthrene	ND	9.5	ug/L	5.7
Phenol	ND	9.5	ug/L	2.6
Pyrene	ND	9.5	ug/L	3.7
2,4,5-Trichlorophenol	ND	9.5	ug/L	3.7
2,4,6-Trichlorophenol	ND	9.5	ug/L	2.9

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The RETEC Group, Inc.

Client Sample ID: MW02(04)

GC/MS Semivolatiles

Lot-Sample #...: C6K300215-004 Work Order #...: JKJ841AJ Matrix.....: WG

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	61	(19 - 138)
2-Fluorobiphenyl	56	(35 - 115)
2-Fluorophenol	60	(10 - 118)
Nitrobenzene-d5	65	(39 - 115)
Phenol-d5	60	(18 - 115)
Terphenyl-d14	66	(17 - 129)

NOTE(S):

J Estimated result. Result is less than RL.

The RETEC Group, Inc.

Client Sample ID: MW02(04)

TOTAL Metals

Lot-Sample #...: C6K300215-004 **Matrix.....:** WG
Date Sampled...: 11/28/06 **Date Received..:** 11/30/06

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 6345074						
Silver	ND	5.0	ug/L	SW846 6010B	12/11-12/13/06	JKJ841AK
		Dilution Factor: 1		Analysis Time..: 19:24	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 6345047	MDL.....: 0.30	
Aluminum	200 U ~~96.1 B,J~~	**200**	**ug/L**	**SW846 6010B**	**12/11-12/13/06**	**JKJ841AL**
		Dilution Factor: 1		Analysis Time..: 19:24	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 6345047	MDL.....: 8.0	
Arsenic	ND	10.0	ug/L	SW846 6010B	12/11-12/13/06	JKJ841AM
		Dilution Factor: 1		Analysis Time..: 19:24	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 6345047	MDL.....: 3.3	
Barium	62.5 ~~B~~ J	**200**	**ug/L**	**SW846 6010B**	**12/11-12/13/06**	**JKJ841AN**
		Dilution Factor: 1		Analysis Time..: 19:24	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 6345047	MDL.....: 1.0	
Beryllium	ND	4.0	ug/L	SW846 6010B	12/11-12/13/06	JKJ841AP
		Dilution Factor: 1		Analysis Time..: 19:24	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 6345047	MDL.....: 0.42	
Calcium	**159000**	**5000**	**ug/L**	**SW846 6010B**	**12/11-12/13/06**	**JKJ841AQ**
		Dilution Factor: 1		Analysis Time..: 19:24	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 6345047	MDL.....: 39.5	
Cadmium	ND	5.0	ug/L	SW846 6010B	12/11-12/13/06	JKJ841AR
		Dilution Factor: 1		Analysis Time..: 19:24	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 6345047	MDL.....: 0.70	
Cobalt	1.2 ~~B~~ J	**50.0**	**ug/L**	**SW846 6010B**	**12/11-12/13/06**	**JKJ841AT**
		Dilution Factor: 1		Analysis Time..: 19:24	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 6345047	MDL.....: 0.53	
Chromium	ND	5.0	ug/L	SW846 6010B	12/11-12/13/06	JKJ841AU
		Dilution Factor: 1		Analysis Time..: 19:24	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 6345047	MDL.....: 0.93	

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The RETEC Group, Inc.

Client Sample ID: MW02(04)

TOTAL Metals

Lot-Sample #...: C6K300215-004 Matrix.....: WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Copper	2.8 ~~B~~ J	25.0	ug/L	SW846 6010B	12/11-12/13/06	JKJ841AV
		Dilution Factor: 1		Analysis Time..: 19:24	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 6345047	MDL.....: 1.2	
Iron	509	100	ug/L	SW846 6010B	12/11-12/13/06	JKJ841AW
		Dilution Factor: 1		Analysis Time..: 19:24	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 6345047	MDL.....: 18.0	
Potassium	12800 ~~J~~	5000	ug/L	SW846 6010B	12/11-12/13/06	JKJ841AX
		Dilution Factor: 1		Analysis Time..: 19:24	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 6345047	MDL.....: 75.0	
Magnesium	18400	5000	ug/L	SW846 6010B	12/11-12/13/06	JKJ841A0
		Dilution Factor: 1		Analysis Time..: 19:24	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 6345047	MDL.....: 10.2	
Manganese	563	15.0	ug/L	SW846 6010B	12/11-12/13/06	JKJ841A1
		Dilution Factor: 1		Analysis Time..: 19:24	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 6345047	MDL.....: 0.11	
Sodium	78300 J	5000	ug/L	SW846 6010B	12/11-12/13/06	JKJ841A2
		Dilution Factor: 1		Analysis Time..: 19:24	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 6345047	MDL.....: 157	
Nickel	3.0 ~~B~~ J	40.0	ug/L	SW846 6010B	12/11-12/13/06	JKJ841A3
		Dilution Factor: 1		Analysis Time..: 19:24	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 6345047	MDL.....: 1.2	
Lead	ND	3.0	ug/L	SW846 6010B	12/11-12/13/06	JKJ841A4
		Dilution Factor: 1		Analysis Time..: 19:24	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 6345047	MDL.....: 1.6	
Selenium	5.0 U ~~4.4 B~~	5.0	ug/L	SW846 6010B	12/11-12/13/06	JKJ841A5
		Dilution Factor: 1		Analysis Time..: 19:24	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 6345047	MDL.....: 2.6	
Thallium	ND	10.0	ug/L	SW846 6010B	12/11-12/13/06	JKJ841AA
		Dilution Factor: 1		Analysis Time..: 19:24	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 6345047	MDL.....: 4.6	

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The RETEC Group, Inc.

Client Sample ID: MW02(04)

TOTAL Metals

Lot-Sample #...: C6K300215-004 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	ND	10.0	ug/L	SW846 6010B	12/11-12/13/06	JKJ841AC
		Dilution Factor: 1		Analysis Time..: 19:24	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 6345047	MDL.....: 3.2	
Vanadium	~~2.1 B~~ 50U	**50.0**	**ug/L**	**SW846 6010B**	**12/11-12/13/06**	**JKJ841AD**
		Dilution Factor: 1		Analysis Time..: 19:24	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 6345047	MDL.....: 1.0	
Zinc	~~11.3 B,J~~ 20U	**20.0**	**ug/L**	**SW846 6010B**	**12/11-12/13/06**	**JKJ841AE**
		Dilution Factor: 1		Analysis Time..: 19:24	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 6345047	MDL.....: 1.7	
Prep Batch #...: 6348035						
Mercury	ND	0.20	ug/L	SW846 7470A	12/14/06	JKJ841AF
		Dilution Factor: 1		Analysis Time..: 09:46	Analyst ID.....: 031043	
		Instrument ID..: HGHYDRA		MS Run #.....: 6348021	MDL.....: 0.048	

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.

The RETEC Group, Inc.

Client Sample ID: MW03(04)

GC/MS Volatiles

Lot-Sample #...: C6K300215-005	**Work Order #...:** JKJ861AW	**Matrix.....:** WG
Date Sampled...: 11/28/06	**Date Received..:** 11/30/06	**MS Run #.....:** 6338194
Prep Date.....: 12/04/06	**Analysis Date..:** 12/04/06	
Prep Batch #...: 6338321	**Analysis Time..:** 10:32	
Dilution Factor: 1	**Initial Wgt/Vol:** 5 mL	**Final Wgt/Vol..:** 5 mL
Analyst ID.....: 001562	**Instrument ID..:** HP5	
	Method.....: SW846 8260B	

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	5.0	ug/L	2.5
Benzene	ND	1.0	ug/L	0.13
Bromodichloromethane	ND	1.0	ug/L	0.11
Bromoform	ND	1.0	ug/L	0.29
Bromomethane	ND	1.0	ug/L	0.43
2-Butanone	ND	5.0	ug/L	1.2
Carbon disulfide	ND	1.0	ug/L	0.16
Carbon tetrachloride	ND	1.0	ug/L	0.25
Chlorobenzene	ND	1.0	ug/L	0.19
Chloroethane	ND	1.0	ug/L	0.41
Chloroform	ND	1.0	ug/L	0.10
Chloromethane	ND	1.0	ug/L	0.17
Cyclohexane	ND	1.0	ug/L	0.47
Dibromochloromethane	ND	1.0	ug/L	0.31
1,2-Dibromo-3-chloro-propane	ND	1.0	ug/L	0.38
1,2-Dibromoethane	ND	1.0	ug/L	0.16
1,3-Dichlorobenzene	ND	1.0	ug/L	0.098
1,4-Dichlorobenzene	ND	1.0	ug/L	0.20
1,2-Dichlorobenzene	ND	1.0	ug/L	0.20
Dichlorodifluoromethane	ND	1.0	ug/L	0.43
1,1-Dichloroethane	ND	1.0	ug/L	0.21
1,2-Dichloroethane	ND	1.0	ug/L	0.10
1,1-Dichloroethene	ND	1.0	ug/L	0.35
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.27
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.23
1,2-Dichloropropane	ND	1.0	ug/L	0.17
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.16
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.12
Ethylbenzene	ND	1.0	ug/L	0.17
2-Hexanone	ND	5.0	ug/L	0.88
Isopropylbenzene	ND	1.0	ug/L	0.19
Methyl acetate	ND	1.0	ug/L	0.26
Methylene chloride	ND	1.0	ug/L	0.40
Methylcyclohexane	ND	1.0	ug/L	0.19
4-Methyl-2-pentanone	ND	5.0	ug/L	1.2
Methyl tert-butyl ether	ND	1.0	ug/L	0.28

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The RETEC Group, Inc.

Client Sample ID: MW03(04)

GC/MS Volatiles

Lot-Sample #...: C6K300215-005 **Work Order #...:** JKJ861AW **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Styrene	ND	1.0	ug/L	0.10
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.42
1,2,4-Trichloro-benzene	ND	1.0	ug/L	0.40
Tetrachloroethene	ND	1.0	ug/L	0.21
1,1,1-Trichloroethane	ND	1.0	ug/L	0.24
1,1,2-Trichloroethane	ND	1.0	ug/L	0.22
Trichloroethene	ND	1.0	ug/L	0.22
Trichlorofluoromethane	ND	1.0	ug/L	0.18
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L	0.29
Toluene	ND	1.0	ug/L	0.18
Vinyl chloride	ND	1.0	ug/L	0.17
Xylenes (total)	ND	3.0	ug/L	0.34

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	99	(71 - 118)
1,2-Dichloroethane-d4	91	(64 - 135)
4-Bromofluorobenzene	95	(70 - 118)
Dibromofluoromethane	97	(64 - 128)

The RETEC Group, Inc.

Client Sample ID: MW03(04)

GC/MS Semivolatiles

Lot-Sample #...:	C6K300215-005	**Work Order #...:**	JKJ861A1	**Matrix.....:**	WG
Date Sampled...:	11/28/06 15:08	**Date Received..:**	11/30/06 09:45	**MS Run #.....:**	6335030
Prep Date.....:	12/01/06	**Analysis Date..:**	12/08/06		
Prep Batch #...:	6335080	**Analysis Time..:**	15:06		
Dilution Factor:	0.96	**Initial Wgt/Vol:**	1040 mL	**Final Wgt/Vol..:**	1 mL
Analyst ID.....:	003200	**Instrument ID..:**	731		
		Method.....:	SW846 8270C		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	9.6	ug/L	6.2
Acenaphthylene	ND	9.6	ug/L	4.3
Acetophenone	ND	9.6	ug/L	7.0
Anthracene	ND	9.6	ug/L	1.4
Atrazine	ND	9.6	ug/L	2.9
Benzo(a)anthracene	ND	9.6	ug/L	1.4
Benzo(a)pyrene	ND	9.6	ug/L	3.5
Benzo(b)fluoranthene	ND	9.6	ug/L	1.3
Benzo(ghi)perylene	ND	9.6	ug/L	2.6
Benzo(k)fluoranthene	ND	9.6	ug/L	2.5
Benzaldehyde	ND	9.6	ug/L	0.98
1,1'-Biphenyl	ND	9.6	ug/L	5.2
bis(2-Chloroethoxy) methane	ND	9.6	ug/L	3.8
bis(2-Chloroethyl)-ether	ND	9.6	ug/L	2.3
bis(2-Ethylhexyl) phthalate	~~2.6 J~~ 9.6 U	**9.6**	**ug/L**	**1.5**
4-Bromophenyl phenyl ether	ND	9.6	ug/L	0.96
Butyl benzyl phthalate	ND	9.6	ug/L	2.8
Caprolactam	ND	9.6	ug/L	0.86
Carbazole	ND	9.6	ug/L	3.4
4-Chloroaniline	ND	9.6	ug/L	1.0
4-Chloro-3-methylphenol	ND	9.6	ug/L	1.0
2-Chloronaphthalene	ND	9.6	ug/L	5.7
2-Chlorophenol	ND	9.6	ug/L	2.8
4-Chlorophenyl phenyl ether	ND	9.6	ug/L	1.4
Chrysene	ND	9.6	ug/L	1.3
Dibenz(a,h)anthracene	ND	9.6	ug/L	0.36
Dibenzofuran	ND	9.6	ug/L	5.9
3,3'-Dichlorobenzidine	ND	48	ug/L	6.6
2,4-Dichlorophenol	ND	9.6	ug/L	3.2
Diethyl phthalate	ND	9.6	ug/L	1.4
2,4-Dimethylphenol	ND	9.6	ug/L	3.4
Dimethyl phthalate	ND	9.6	ug/L	1.2

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The RETEC Group, Inc.

Client Sample ID: MW03(04)

GC/MS Semivolatiles

Lot-Sample #...: C6K300215-005 Work Order #...: JKJ861A1 Matrix.....: WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-butyl phthalate	ND	9.6	ug/L	1.2
4,6-Dinitro-2-methylphenol	ND	48	ug/L	19
2,4-Dinitrophenol	ND	48	ug/L	21
2,4-Dinitrotoluene	ND	9.6	ug/L	5.0
2,6-Dinitrotoluene	ND	9.6	ug/L	1.1
Di-n-octyl phthalate	ND	9.6	ug/L	1.6
Fluoranthene	ND	9.6	ug/L	1.7
Fluorene	**2.7 J**	**9.6**	**ug/L**	**1.5**
Hexachlorobenzene	ND	9.6	ug/L	6.5
Hexachlorobutadiene	ND	9.6	ug/L	7.9
Hexachlorocyclopentadiene	ND	48	ug/L	1.0
Hexachloroethane	ND	9.6	ug/L	6.9
Indeno(1,2,3-cd)pyrene	ND	9.6	ug/L	2.2
Isophorone	ND	9.6	ug/L	6.0
2-Methylnaphthalene	ND	9.6	ug/L	2.0
2-Methylphenol	ND	9.6	ug/L	2.5
4-Methylphenol	ND	9.6	ug/L	1.4
Naphthalene	ND	9.6	ug/L	2.3
2-Nitroaniline	ND	48	ug/L	8.2
3-Nitroaniline	ND	48	ug/L	9.8
4-Nitroaniline	ND	48	ug/L	12
Nitrobenzene	ND	9.6	ug/L	2.2
2-Nitrophenol	ND	9.6	ug/L	3.3
4-Nitrophenol	ND	48	ug/L	16
N-Nitrosodi-n-propylamine	ND	9.6	ug/L	3.8
N-Nitrosodiphenylamine	ND	9.6	ug/L	3.0
2,2'-oxybis(1-Chloropropane)	ND	9.6	ug/L	6.0
Pentachlorophenol	ND	48	ug/L	20
Phenanthrene	ND	9.6	ug/L	5.8
Phenol	ND	9.6	ug/L	2.7
Pyrene	ND	9.6	ug/L	3.8
2,4,5-Trichlorophenol	ND	9.6	ug/L	3.8
2,4,6-Trichlorophenol	ND	9.6	ug/L	3.0

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The RETEC Group, Inc.

Client Sample ID: MW03(04)

GC/MS Semivolatiles

Lot-Sample #...: C6K300215-005 **Work Order #...:** JKJ861A1 **Matrix.....:** WG

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	55	(19 - 138)
2-Fluorobiphenyl	54	(35 - 115)
2-Fluorophenol	51	(10 - 118)
Nitrobenzene-d5	58	(39 - 115)
Phenol-d5	51	(18 - 115)
Terphenyl-d14	57	(17 - 129)

NOTE(S):

J Estimated result. Result is less than RL.

The RETEC Group, Inc.

Client Sample ID: MW03(04)

TOTAL Metals

Lot-Sample #...: C6K300215-005 **Matrix.....:** WG
Date Sampled...: 11/28/06 **Date Received..:** 11/30/06

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 6345074						
Silver	ND	5.0	ug/L	SW846 6010B	12/11-12/13/06	JKJ861A4
		Dilution Factor: 1		Analysis Time..: 19:29	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 6345047	MDL.....: 0.30	
Aluminum	200 U ~~33.9 B,J~~	**200**	**ug/L**	**SW846 6010B**	**12/11-12/13/06**	**JKJ861A7**
		Dilution Factor: 1		Analysis Time..: 19:29	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 6345047	MDL.....: 8.0	
Arsenic	ND	10.0	ug/L	SW846 6010B	12/11-12/13/06	JKJ861CA
		Dilution Factor: 1		Analysis Time..: 19:29	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 6345047	MDL.....: 3.3	
Barium	126 ~~B~~ J	**200**	**ug/L**	**SW846 6010B**	**12/11-12/13/06**	**JKJ861CE**
		Dilution Factor: 1		Analysis Time..: 19:29	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 6345047	MDL.....: 1.0	
Beryllium	ND	4.0	ug/L	SW846 6010B	12/11-12/13/06	JKJ861CH
		Dilution Factor: 1		Analysis Time..: 19:29	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 6345047	MDL.....: 0.42	
Calcium	**189000**	**5000**	**ug/L**	**SW846 6010B**	**12/11-12/13/06**	**JKJ861CL**
		Dilution Factor: 1		Analysis Time..: 19:29	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 6345047	MDL.....: 39.5	
Cadmium	ND	5.0	ug/L	SW846 6010B	12/11-12/13/06	JKJ861CP
		Dilution Factor: 1		Analysis Time..: 19:29	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 6345047	MDL.....: 0.70	
Cobalt	ND	50.0	ug/L	SW846 6010B	12/11-12/13/06	JKJ861CT
		Dilution Factor: 1		Analysis Time..: 19:29	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 6345047	MDL.....: 0.53	
Chromium	ND	5.0	ug/L	SW846 6010B	12/11-12/13/06	JKJ861CW
		Dilution Factor: 1		Analysis Time..: 19:29	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 6345047	MDL.....: 0.93	

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The RETEC Group, Inc.

Client Sample ID: MW03(04)

TOTAL Metals

Lot-Sample #...: C6K300215-005 Matrix.....: WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Copper	2.0 B J	25.0	ug/L	SW846 6010B	12/11-12/13/06	JKJ861C1
		Dilution Factor: 1		Analysis Time..: 19:29	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 6345047	MDL.....: 1.2	
Iron	ND	100	ug/L	SW846 6010B	12/11-12/13/06	JKJ861C4
		Dilution Factor: 1		Analysis Time..: 19:29	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 6345047	MDL.....: 18.0	
Potassium	13300 J	5000	ug/L	SW846 6010B	12/11-12/13/06	JKJ861C7
		Dilution Factor: 1		Analysis Time..: 19:29	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 6345047	MDL.....: 75.0	
Magnesium	25900	5000	ug/L	SW846 6010B	12/11-12/13/06	JKJ861DA
		Dilution Factor: 1		Analysis Time..: 19:29	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 6345047	MDL.....: 10.2	
Manganese	50.2	15.0	ug/L	SW846 6010B	12/11-12/13/06	JKJ861DE
		Dilution Factor: 1		Analysis Time..: 19:29	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 6345047	MDL.....: 0.11	
Sodium	44900 E J	5000	ug/L	SW846 6010B	12/11-12/13/06	JKJ861DH
		Dilution Factor: 1		Analysis Time..: 19:29	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 6345047	MDL.....: 157	
Nickel	ND	40.0	ug/L	SW846 6010B	12/11-12/13/06	JKJ861DL
		Dilution Factor: 1		Analysis Time..: 19:29	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 6345047	MDL.....: 1.2	
Lead	ND	3.0	ug/L	SW846 6010B	12/11-12/13/06	JKJ861DP
		Dilution Factor: 1		Analysis Time..: 19:29	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 6345047	MDL.....: 1.6	
Selenium	11.1 J+	5.0	ug/L	SW846 6010B	12/11-12/13/06	JKJ861DT
		Dilution Factor: 1		Analysis Time..: 19:29	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 6345047	MDL.....: 2.6	
Thallium	ND	10.0	ug/L	SW846 6010B	12/11-12/13/06	JKJ861AA
		Dilution Factor: 1		Analysis Time..: 19:29	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 6345047	MDL.....: 4.6	

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The RETEC Group, Inc.

Client Sample ID: MW03(04)

TOTAL Metals

Lot-Sample #...: C6K300215-005 Matrix.....: WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	ND	10.0	ug/L	SW846 6010B	12/11-12/13/06	JKJ861AE
		Dilution Factor: 1		Analysis Time..: 19:29	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 6345047	MDL.....: 3.2	
Vanadium	ND	50.0	ug/L	SW846 6010B	12/11-12/13/06	JKJ861AH
		Dilution Factor: 1		Analysis Time..: 19:29	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 6345047	MDL.....: 1.0	
Zinc	20 U ~~3.0 B,J~~	**20.0**	**ug/L**	**SW846 6010B**	**12/11-12/13/06**	**JKJ861AL**
		Dilution Factor: 1		Analysis Time..: 19:29	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 6345047	MDL.....: 1.7	
Prep Batch #...: 6348035						
Mercury	~~0.052 B~~ 0.20 U	**0.20**	**ug/L**	**SW846 7470A**	**12/14/06**	**JKJ861AP**
		Dilution Factor: 1		Analysis Time..: 09:50	Analyst ID.....: 031043	
		Instrument ID..: HGHYDRA		MS Run #.....: 6348021	MDL.....: 0.048	

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.~~

The RETEC Group, Inc.

Client Sample ID: MW05

GC/MS Volatiles

Lot-Sample #...: C6K300215-002	Work Order #...: JKJ811AH	Matrix.....: WG
Date Sampled...: 11/28/06	Date Received..: 11/30/06	MS Run #.....: 6338194
Prep Date.....: 12/04/06	Analysis Date..: 12/04/06	
Prep Batch #...: 6338321	Analysis Time..: 15:00	
Dilution Factor: 1	Initial Wgt/Vol: 5 mL	Final Wgt/Vol..: 5 mL
Analyst ID.....: 001562	Instrument ID..: HP5	
	Method.....: SW846 8260B	

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	**2.7 J**	**5.0**	**ug/L**	**2.5**
Benzene	ND	1.0	ug/L	0.13
Bromodichloromethane	ND	1.0	ug/L	0.11
Bromoform	ND	1.0	ug/L	0.29
Bromomethane	ND	1.0	ug/L	0.43
2-Butanone	ND	5.0	ug/L	1.2
Carbon disulfide	ND	1.0	ug/L	0.16
Carbon tetrachloride	ND	1.0	ug/L	0.25
Chlorobenzene	ND	1.0	ug/L	0.19
Chloroethane	ND	1.0	ug/L	0.41
Chloroform	ND	1.0	ug/L	0.10
Chloromethane	ND	1.0	ug/L	0.17
Cyclohexane	ND	1.0	ug/L	0.47
Dibromochloromethane	ND	1.0	ug/L	0.31
1,2-Dibromo-3-chloro-propane	ND	1.0	ug/L	0.38
1,2-Dibromoethane	ND	1.0	ug/L	0.16
1,3-Dichlorobenzene	ND	1.0	ug/L	0.098
1,4-Dichlorobenzene	ND	1.0	ug/L	0.20
1,2-Dichlorobenzene	ND	1.0	ug/L	0.20
Dichlorodifluoromethane	ND	1.0	ug/L	0.43
1,1-Dichloroethane	ND	1.0	ug/L	0.21
1,2-Dichloroethane	ND	1.0	ug/L	0.10
1,1-Dichloroethene	ND	1.0	ug/L	0.35
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.27
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.23
1,2-Dichloropropane	ND	1.0	ug/L	0.17
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.16
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.12
Ethylbenzene	ND	1.0	ug/L	0.17
2-Hexanone	ND	5.0	ug/L	0.88
Isopropylbenzene	ND	1.0	ug/L	0.19
Methyl acetate	ND	1.0	ug/L	0.26
Methylene chloride	ND	1.0	ug/L	0.40
Methylcyclohexane	ND	1.0	ug/L	0.19
4-Methyl-2-pentanone	ND	5.0	ug/L	1.2
Methyl tert-butyl ether	ND	1.0	ug/L	0.28

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The RETEC Group, Inc.

Client Sample ID: MW05

GC/MS Volatiles

Lot-Sample #...: C6K300215-002 **Work Order #...:** JKJ811AH **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Styrene	ND	1.0	ug/L	0.10
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.42
1,2,4-Trichloro-benzene	ND	1.0	ug/L	0.40
Tetrachloroethene	ND	1.0	ug/L	0.21
1,1,1-Trichloroethane	ND	1.0	ug/L	0.24
1,1,2-Trichloroethane	ND	1.0	ug/L	0.22
Trichloroethene	ND	1.0	ug/L	0.22
Trichlorofluoromethane	ND	1.0	ug/L	0.18
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L	0.29
Toluene	ND	1.0	ug/L	0.18
Vinyl chloride	ND	1.0	ug/L	0.17
Xylenes (total)	ND	3.0	ug/L	0.34

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	110	(71 - 118)
1,2-Dichloroethane-d4	101	(64 - 135)
4-Bromofluorobenzene	106	(70 - 118)
Dibromofluoromethane	95	(64 - 128)

NOTE(S):

J Estimated result. Result is less than RL.

The RETEC Group, Inc.

Client Sample ID: MW05

GC/MS Semivolatiles

Lot-Sample #...:	C6K300215-002	**Work Order #...:**	JKJ811AJ	**Matrix.....:**	WG
Date Sampled...:	11/28/06 12:15	**Date Received..:**	11/30/06 09:45	**MS Run #.....:**	6335030
Prep Date.....:	12/01/06	**Analysis Date..:**	12/08/06		
Prep Batch #...:	6335080	**Analysis Time..:**	13:43		
Dilution Factor:	0.97	**Initial Wgt/Vol:**	1030 mL	**Final Wgt/Vol..:**	1 mL
Analyst ID.....:	003200	**Instrument ID..:**	731		
		Method.....:	SW846 8270C		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	9.7	ug/L	6.2
Acenaphthylene	ND	9.7	ug/L	4.3
Acetophenone	ND	9.7	ug/L	7.1
Anthracene	ND	9.7	ug/L	1.4
Atrazine	ND	9.7	ug/L	2.9
Benzo(a)anthracene	ND	9.7	ug/L	1.4
Benzo(a)pyrene	ND	9.7	ug/L	3.5
Benzo(b)fluoranthene	ND	9.7	ug/L	1.3
Benzo(ghi)perylene	ND	9.7	ug/L	2.7
Benzo(k)fluoranthene	ND	9.7	ug/L	2.6
Benzaldehyde	ND	9.7	ug/L	0.99
1,1'-Biphenyl	ND	9.7	ug/L	5.2
bis(2-Chloroethoxy) methane	ND	9.7	ug/L	3.8
bis(2-Chloroethyl)-ether	ND	9.7	ug/L	2.4
bis(2-Ethylhexyl) phthalate	ND	9.7	ug/L	1.5
4-Bromophenyl phenyl ether	ND	9.7	ug/L	0.97
Butyl benzyl phthalate	ND	9.7	ug/L	2.8
Caprolactam	ND	9.7	ug/L	0.87
Carbazole	ND	9.7	ug/L	3.5
4-Chloroaniline	ND	9.7	ug/L	1.0
4-Chloro-3-methylphenol	ND	9.7	ug/L	1.1
2-Chloronaphthalene	ND	9.7	ug/L	5.7
2-Chlorophenol	ND	9.7	ug/L	2.8
4-Chlorophenyl phenyl ether	ND	9.7	ug/L	1.4
Chrysene	ND	9.7	ug/L	1.3
Dibenz(a,h)anthracene	ND	9.7	ug/L	0.36
Dibenzofuran	ND	9.7	ug/L	5.9
3,3'-Dichlorobenzidine	ND	48	ug/L	6.7
2,4-Dichlorophenol	ND	9.7	ug/L	3.3
Diethyl phthalate	ND	9.7	ug/L	1.4
2,4-Dimethylphenol	ND	9.7	ug/L	3.4
Dimethyl phthalate	ND	9.7	ug/L	1.2

(Continued on next page)

The RETEC Group, Inc.

Client Sample ID: MW05

GC/MS Semivolatiles

Lot-Sample #...: C6K300215-002 **Work Order #...:** JKJ811AJ **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-butyl phthalate	ND	9.7	ug/L	1.2
4,6-Dinitro-2-methylphenol	ND	48	ug/L	19
2,4-Dinitrophenol	ND	48	ug/L	21
2,4-Dinitrotoluene	ND	9.7	ug/L	5.1
2,6-Dinitrotoluene	ND	9.7	ug/L	1.1
Di-n-octyl phthalate	ND	9.7	ug/L	1.6
Fluoranthene	ND	9.7	ug/L	1.7
Fluorene	ND	9.7	ug/L	1.5
Hexachlorobenzene	ND	9.7	ug/L	6.6
Hexachlorobutadiene	ND	9.7	ug/L	8.0
Hexachlorocyclopentadiene	ND	48	ug/L	1.0
Hexachloroethane	ND	9.7	ug/L	7.0
Indeno(1,2,3-cd)pyrene	ND	9.7	ug/L	2.3
Isophorone	ND	9.7	ug/L	6.1
2-Methylnaphthalene	ND	9.7	ug/L	2.0
2-Methylphenol	ND	9.7	ug/L	2.5
4-Methylphenol	ND	9.7	ug/L	1.5
Naphthalene	ND	9.7	ug/L	2.4
2-Nitroaniline	ND	48	ug/L	8.3
3-Nitroaniline	ND	48	ug/L	9.9
4-Nitroaniline	ND	48	ug/L	13
Nitrobenzene	ND	9.7	ug/L	2.3
2-Nitrophenol	ND	9.7	ug/L	3.3
4-Nitrophenol	ND	48	ug/L	16
N-Nitrosodi-n-propylamine	ND	9.7	ug/L	3.8
N-Nitrosodiphenylamine	ND	9.7	ug/L	3.1
2,2'-oxybis(1-Chloropropane)	ND	9.7	ug/L	6.0
Pentachlorophenol	ND	48	ug/L	21
Phenanthrene	ND	9.7	ug/L	5.8
Phenol	ND	9.7	ug/L	2.7
Pyrene	ND	9.7	ug/L	3.8
2,4,5-Trichlorophenol	ND	9.7	ug/L	3.8
2,4,6-Trichlorophenol	ND	9.7	ug/L	3.0

(Continued on next page)

The RETEC Group, Inc.

Client Sample ID: MW05

GC/MS Semivolatiles

Lot-Sample #...: C6K300215-002 Work Order #...: JKJ811AJ Matrix.....: WG

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	52	(19 - 138)
2-Fluorobiphenyl	40	(35 - 115)
2-Fluorophenol	48	(10 - 118)
Nitrobenzene-d5	49	(39 - 115)
Phenol-d5	48	(18 - 115)
Terphenyl-d14	61	(17 - 129)

The RETEC Group, Inc.

Client Sample ID: MW05

TOTAL Metals

Lot-Sample #...: C6K300215-002 Matrix.....: WG
Date Sampled...: 11/28/06 Date Received..: 11/30/06

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 6345074						
Silver	ND	5.0	ug/L	SW846 6010B	12/11-12/13/06	JKJ811AK
		Dilution Factor: 1		Analysis Time..: 19:13	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 6345047	MDL.....: 0.30	
Aluminum	200 U ~~62.0 B,J~~	**200**	**ug/L**	**SW846 6010B**	**12/11-12/13/06**	**JKJ811AL**
		Dilution Factor: 1		Analysis Time..: 19:13	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 6345047	MDL.....: 8.0	
Arsenic	**8.0 ~~B~~ J**	**10.0**	**ug/L**	**SW846 6010B**	**12/11-12/13/06**	**JKJ811AM**
		Dilution Factor: 1		Analysis Time..: 19:13	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 6345047	MDL.....: 3.3	
Barium	**190 ~~B~~ J**	**200**	**ug/L**	**SW846 6010B**	**12/11-12/13/06**	**JKJ811AN**
		Dilution Factor: 1		Analysis Time..: 19:13	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 6345047	MDL.....: 1.0	
Beryllium	ND	4.0	ug/L	SW846 6010B	12/11-12/13/06	JKJ811AP
		Dilution Factor: 1		Analysis Time..: 19:13	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 6345047	MDL.....: 0.42	
Calcium	**169000**	**5000**	**ug/L**	**SW846 6010B**	**12/11-12/13/06**	**JKJ811AQ**
		Dilution Factor: 1		Analysis Time..: 19:13	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 6345047	MDL.....: 39.5	
Cadmium	ND	5.0	ug/L	SW846 6010B	12/11-12/13/06	JKJ811AR
		Dilution Factor: 1		Analysis Time..: 19:13	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 6345047	MDL.....: 0.70	
Cobalt	**1.6 ~~B~~ J**	**50.0**	**ug/L**	**SW846 6010B**	**12/11-12/13/06**	**JKJ811AT**
		Dilution Factor: 1		Analysis Time..: 19:13	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 6345047	MDL.....: 0.53	
Chromium	ND	5.0	ug/L	SW846 6010B	12/11-12/13/06	JKJ811AU
		Dilution Factor: 1		Analysis Time..: 19:13	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 6345047	MDL.....: 0.93	

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The RETEC Group, Inc.

Client Sample ID: MW05

TOTAL Metals

Lot-Sample #...: C6K300215-002 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Copper	1.4 ~~B~~ J	25.0	ug/L	SW846 6010B	12/11-12/13/06	JKJ811AV
	Dilution Factor: 1	Analysis Time..: 19:13		Analyst ID.....: 022952		
	Instrument ID..: TRACEICP	MS Run #.....: 6345047		MDL.....: 1.2		
Iron	2610	100	ug/L	SW846 6010B	12/11-12/13/06	JKJ811AW
	Dilution Factor: 1	Analysis Time..: 19:13		Analyst ID.....: 022952		
	Instrument ID..: TRACEICP	MS Run #.....: 6345047		MDL.....: 18.0		
Potassium	9300 ~~J~~	5000	ug/L	SW846 6010B	12/11-12/13/06	JKJ811AX
	Dilution Factor: 1	Analysis Time..: 19:13		Analyst ID.....: 022952		
	Instrument ID..: TRACEICP	MS Run #.....: 6345047		MDL.....: 75.0		
Magnesium	31900	5000	ug/L	SW846 6010B	12/11-12/13/06	JKJ811A0
	Dilution Factor: 1	Analysis Time..: 19:13		Analyst ID.....: 022952		
	Instrument ID..: TRACEICP	MS Run #.....: 6345047		MDL.....: 10.2		
Manganese	1310	15.0	ug/L	SW846 6010B	12/11-12/13/06	JKJ811A1
	Dilution Factor: 1	Analysis Time..: 19:13		Analyst ID.....: 022952		
	Instrument ID..: TRACEICP	MS Run #.....: 6345047		MDL.....: 0.11		
Sodium	122000 J	5000	ug/L	SW846 6010B	12/11-12/13/06	JKJ811A2
	Dilution Factor: 1	Analysis Time..: 19:13		Analyst ID.....: 022952		
	Instrument ID..: TRACEICP	MS Run #.....: 6345047		MDL.....: 157		
Nickel	1.8 ~~B~~ J	40.0	ug/L	SW846 6010B	12/11-12/13/06	JKJ811A3
	Dilution Factor: 1	Analysis Time..: 19:13		Analyst ID.....: 022952		
	Instrument ID..: TRACEICP	MS Run #.....: 6345047		MDL.....: 1.2		
Lead	ND	3.0	ug/L	SW846 6010B	12/11-12/13/06	JKJ811A4
	Dilution Factor: 1	Analysis Time..: 19:13		Analyst ID.....: 022952		
	Instrument ID..: TRACEICP	MS Run #.....: 6345047		MDL.....: 1.6		
Selenium	ND	5.0	ug/L	SW846 6010B	12/11-12/13/06	JKJ811A5
	Dilution Factor: 1	Analysis Time..: 19:13		Analyst ID.....: 022952		
	Instrument ID..: TRACEICP	MS Run #.....: 6345047		MDL.....: 2.6		
Thallium	ND	10.0	ug/L	SW846 6010B	12/11-12/13/06	JKJ811AA
	Dilution Factor: 1	Analysis Time..: 19:13		Analyst ID.....: 022952		
	Instrument ID..: TRACEICP	MS Run #.....: 6345047		MDL.....: 4.6		

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The RETEC Group, Inc.

Client Sample ID: MW05

TOTAL Metals

Lot-Sample #...: C6K300215-002 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	ND	10.0	ug/L	SW846 6010B	12/11-12/13/06	JKJ811AC
		Dilution Factor: 1		Analysis Time..: 19:13	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 6345047	MDL.....: 3.2	
Vanadium	ND	50.0	ug/L	SW846 6010B	12/11-12/13/06	JKJ811AD
		Dilution Factor: 1		Analysis Time..: 19:13	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 6345047	MDL.....: 1.0	
Zinc	20 U ~~13.8 B,J~~	20.0	ug/L	SW846 6010B	12/11-12/13/06	JKJ811AE
		Dilution Factor: 1		Analysis Time..: 19:13	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 6345047	MDL.....: 1.7	
Prep Batch #...: 6348035						
Mercury	~~0.054 B~~ 0.20 U	0.20	ug/L	SW846 7470A	12/14/06	JKJ811AF
		Dilution Factor: 1		Analysis Time..: 09:42	Analyst ID.....: 031043	
		Instrument ID..: HGHYDRA		MS Run #.....: 6348021	MDL.....: 0.048	

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.

The RETEC Group, Inc.

Client Sample ID: MW06

GC/MS Volatiles

Lot-Sample #...: C6K300215-001	**Work Order #...:** JKJ8T1AA	**Matrix.....:** WG
Date Sampled...: 11/28/06	**Date Received..:** 11/30/06	**MS Run #.....:** 6338194
Prep Date.....: 12/04/06	**Analysis Date..:** 12/04/06	
Prep Batch #...: 6338321	**Analysis Time..:** 14:37	
Dilution Factor: 1	**Initial Wgt/Vol:** 5 mL	**Final Wgt/Vol..:** 5 mL
Analyst ID.....: 001562	**Instrument ID..:** HP5	
	Method.....: SW846 8260B	

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	5.0	ug/L	2.5
Benzene	ND	1.0	ug/L	0.13
Bromodichloromethane	ND	1.0	ug/L	0.11
Bromoform	ND	1.0	ug/L	0.29
Bromomethane	ND	1.0	ug/L	0.43
2-Butanone	ND	5.0	ug/L	1.2
Carbon disulfide	ND	1.0	ug/L	0.16
Carbon tetrachloride	ND	1.0	ug/L	0.25
Chlorobenzene	ND	1.0	ug/L	0.19
Chloroethane	ND	1.0	ug/L	0.41
Chloroform	ND	1.0	ug/L	0.10
Chloromethane	ND	1.0	ug/L	0.17
Cyclohexane	ND	1.0	ug/L	0.47
Dibromochloromethane	ND	1.0	ug/L	0.31
1,2-Dibromo-3-chloro-propane	ND	1.0	ug/L	0.38
1,2-Dibromoethane	ND	1.0	ug/L	0.16
1,3-Dichlorobenzene	ND	1.0	ug/L	0.098
1,4-Dichlorobenzene	ND	1.0	ug/L	0.20
1,2-Dichlorobenzene	ND	1.0	ug/L	0.20
Dichlorodifluoromethane	ND	1.0	ug/L	0.43
1,1-Dichloroethane	ND	1.0	ug/L	0.21
1,2-Dichloroethane	ND	1.0	ug/L	0.10
1,1-Dichloroethene	ND	1.0	ug/L	0.35
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.27
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.23
1,2-Dichloropropane	ND	1.0	ug/L	0.17
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.16
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.12
Ethylbenzene	ND	1.0	ug/L	0.17
2-Hexanone	ND	5.0	ug/L	0.88
Isopropylbenzene	ND	1.0	ug/L	0.19
Methyl acetate	ND	1.0	ug/L	0.26
Methylene chloride	ND	1.0	ug/L	0.40
Methylcyclohexane	ND	1.0	ug/L	0.19
4-Methyl-2-pentanone	ND	5.0	ug/L	1.2
Methyl tert-butyl ether	ND	1.0	ug/L	0.28

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The RETEC Group, Inc.

Client Sample ID: MW06

GC/MS Volatiles

Lot-Sample #...: C6K300215-001 **Work Order #...:** JKJ8T1AA **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Styrene	ND	1.0	ug/L	0.10
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.42
1,2,4-Trichloro-benzene	ND	1.0	ug/L	0.40
Tetrachloroethene	ND	1.0	ug/L	0.21
1,1,1-Trichloroethane	ND	1.0	ug/L	0.24
1,1,2-Trichloroethane	ND	1.0	ug/L	0.22
Trichloroethene	ND	1.0	ug/L	0.22
Trichlorofluoromethane	ND	1.0	ug/L	0.18
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L	0.29
Toluene	ND	1.0	ug/L	0.18
Vinyl chloride	ND	1.0	ug/L	0.17
Xylenes (total)	ND	3.0	ug/L	0.34

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	104	(71 - 118)
1,2-Dichloroethane-d4	100	(64 - 135)
4-Bromofluorobenzene	108	(70 - 118)
Dibromofluoromethane	100	(64 - 128)

The RETEC Group, Inc.

Client Sample ID: MW06

GC/MS Semivolatiles

Lot-Sample #...:	C6K300215-001	**Work Order #...:**	JKJ8T1AC	**Matrix.....:**	WG
Date Sampled...:	11/28/06 10:30	**Date Received..:**	11/30/06 09:45	**MS Run #.....:**	6335030
Prep Date.....:	12/01/06	**Analysis Date..:**	12/08/06		
Prep Batch #...:	6335080	**Analysis Time..:**	13:16		
Dilution Factor:	1.03	**Initial Wgt/Vol:**	970 mL	**Final Wgt/Vol..:**	1 mL
Analyst ID.....:	003200	**Instrument ID..:**	731		
		Method.....:	SW846 8270C		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	10	ug/L	6.6
Acenaphthylene	ND	10	ug/L	4.6
Acetophenone	ND	10	ug/L	7.5
Anthracene	ND	10	ug/L	1.5
Atrazine	ND	10	ug/L	3.1
Benzo(a)anthracene	ND	10	ug/L	1.5
Benzo(a)pyrene	ND	10	ug/L	3.8
Benzo(b)fluoranthene	ND	10	ug/L	1.4
Benzo(ghi)perylene	ND	10	ug/L	2.8
Benzo(k)fluoranthene	ND	10	ug/L	2.7
Benzaldehyde	ND	10	ug/L	1.1
1,1'-Biphenyl	ND	10	ug/L	5.5
bis(2-Chloroethoxy) methane	ND	10	ug/L	4.1
bis(2-Chloroethyl)-ether	ND	10	ug/L	2.5
bis(2-Ethylhexyl) phthalate	~~3.7 J~~ 10 U	**10**	**ug/L**	**1.6**
4-Bromophenyl phenyl ether	ND	10	ug/L	1.0
Butyl benzyl phthalate	ND	10	ug/L	3.0
Caprolactam	**1.9 J**	**10**	**ug/L**	**0.93**
Carbazole	ND	10	ug/L	3.7
4-Chloroaniline	ND	10	ug/L	1.1
4-Chloro-3-methylphenol	ND	10	ug/L	1.1
2-Chloronaphthalene	ND	10	ug/L	6.1
2-Chlorophenol	ND	10	ug/L	3.0
4-Chlorophenyl phenyl ether	ND	10	ug/L	1.5
Chrysene	ND	10	ug/L	1.4
Dibenz(a,h)anthracene	ND	10	ug/L	0.39
Dibenzofuran	ND	10	ug/L	6.3
3,3'-Dichlorobenzidine	ND	52	ug/L	7.1
2,4-Dichlorophenol	ND	10	ug/L	3.5
Diethyl phthalate	ND	10	ug/L	1.5
2,4-Dimethylphenol	ND	10	ug/L	3.6
Dimethyl phthalate	ND	10	ug/L	1.3

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The RETEC Group, Inc.

Client Sample ID: MW06

GC/MS Semivolatiles

Lot-Sample #...: C6K300215-001 Work Order #...: JKJ8T1AC Matrix.....: WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-butyl phthalate	ND	10	ug/L	1.3
4,6-Dinitro-2-methylphenol	ND	52	ug/L	20
2,4-Dinitrophenol	ND	52	ug/L	23
2,4-Dinitrotoluene	ND	10	ug/L	5.4
2,6-Dinitrotoluene	ND	10	ug/L	1.1
Di-n-octyl phthalate	ND	10	ug/L	1.7
Fluoranthene	ND	10	ug/L	1.8
Fluorene	ND	10	ug/L	1.6
Hexachlorobenzene	ND	10	ug/L	7.0
Hexachlorobutadiene	ND	10	ug/L	8.5
Hexachlorocyclopentadiene	ND	52	ug/L	1.1
Hexachloroethane	ND	10	ug/L	7.4
Indeno(1,2,3-cd)pyrene	ND	10	ug/L	2.4
Isophorone	ND	10	ug/L	6.5
2-Methylnaphthalene	ND	10	ug/L	2.2
2-Methylphenol	ND	10	ug/L	2.7
4-Methylphenol	ND	10	ug/L	1.6
Naphthalene	ND	10	ug/L	2.5
2-Nitroaniline	ND	52	ug/L	8.8
3-Nitroaniline	ND	52	ug/L	10
4-Nitroaniline	ND	52	ug/L	13
Nitrobenzene	ND	10	ug/L	2.4
2-Nitrophenol	ND	10	ug/L	3.5
4-Nitrophenol	ND	52	ug/L	17
N-Nitrosodi-n-propylamine	ND	10	ug/L	4.0
N-Nitrosodiphenylamine	ND	10	ug/L	3.2
2,2'-oxybis(1-Chloropropane)	ND	10	ug/L	6.4
Pentachlorophenol	ND	52	ug/L	22
Phenanthrene	ND	10	ug/L	6.2
Phenol	ND	10	ug/L	2.8
Pyrene	ND	10	ug/L	4.1
2,4,5-Trichlorophenol	ND	10	ug/L	4.0
2,4,6-Trichlorophenol	ND	10	ug/L	3.2

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The RETEC Group, Inc.

Client Sample ID: MW06

GC/MS Semivolatiles

Lot-Sample #...: C6K300215-001 Work Order #...: JKJ8T1AC Matrix.....: WG

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	65	(19 - 138)
2-Fluorobiphenyl	63	(35 - 115)
2-Fluorophenol	68	(10 - 118)
Nitrobenzene-d5	74	(39 - 115)
Phenol-d5	68	(18 - 115)
Terphenyl-d14	71	(17 - 129)

NOTE(S):

J Estimated result. Result is less than RL.

The RETEC Group, Inc.

Client Sample ID: MW06

TOTAL Metals

Lot-Sample #...: C6K300215-001 **Matrix.....:** WG
Date Sampled...: 11/28/06 **Date Received..:** 11/30/06

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 6345074						
Silver	ND	5.0	ug/L	SW846 6010B	12/11-12/13/06	JKJ8T1AD
		Dilution Factor: 1		Analysis Time..: 19:51	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 6345047	MDL.....: 0.30	
Aluminum	**412 B J**	**200**	**ug/L**	**SW846 6010B**	**12/11-12/13/06**	**JKJ8T1AE**
		Dilution Factor: 1		Analysis Time..: 19:51	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 6345047	MDL.....: 8.0	
Arsenic	ND	10.0	ug/L	SW846 6010B	12/11-12/13/06	JKJ8T1AF
		Dilution Factor: 1		Analysis Time..: 19:51	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 6345047	MDL.....: 3.3	
Barium	**102 B J**	**200**	**ug/L**	**SW846 6010B**	**12/11-12/13/06**	**JKJ8T1AG**
		Dilution Factor: 1		Analysis Time..: 19:51	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 6345047	MDL.....: 1.0	
Beryllium	ND	4.0	ug/L	SW846 6010B	12/11-12/13/06	JKJ8T1AH
		Dilution Factor: 1		Analysis Time..: 19:51	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 6345047	MDL.....: 0.42	
Calcium	**48500**	**5000**	**ug/L**	**SW846 6010B**	**12/11-12/13/06**	**JKJ8T1AJ**
		Dilution Factor: 1		Analysis Time..: 19:51	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 6345047	MDL.....: 39.5	
Cadmium	ND	5.0	ug/L	SW846 6010B	12/11-12/13/06	JKJ8T1AK
		Dilution Factor: 1		Analysis Time..: 19:51	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 6345047	MDL.....: 0.70	
Cobalt	ND	50.0	ug/L	SW846 6010B	12/11-12/13/06	JKJ8T1AL
		Dilution Factor: 1		Analysis Time..: 19:51	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 6345047	MDL.....: 0.53	
Chromium	**1.2 B J**	**5.0**	**ug/L**	**SW846 6010B**	**12/11-12/13/06**	**JKJ8T1AM**
		Dilution Factor: 1		Analysis Time..: 19:51	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 6345047	MDL.....: 0.93	

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The RETEC Group, Inc.

Client Sample ID: MW06

TOTAL Metals

Lot-Sample #...: C6K300215-001 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Copper	3.4 ~~B~~ J	**25.0**	**ug/L**	**SW846 6010B**	**12/11-12/13/06**	**JKJ8T1AN**
		Dilution Factor: 1		Analysis Time..: 19:51	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 6345047	MDL.....: 1.2	
Iron	**524**	**100**	**ug/L**	**SW846 6010B**	**12/11-12/13/06**	**JKJ8T1AP**
		Dilution Factor: 1		Analysis Time..: 19:51	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 6345047	MDL.....: 18.0	
Potassium	5000 U ~~1130 B,J~~	**5000**	**ug/L**	**SW846 6010B**	**12/11-12/13/06**	**JKJ8T1AQ**
		Dilution Factor: 1		Analysis Time..: 19:51	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 6345047	MDL.....: 75.0	
Magnesium	**17400**	**5000**	**ug/L**	**SW846 6010B**	**12/11-12/13/06**	**JKJ8T1AR**
		Dilution Factor: 1		Analysis Time..: 19:51	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 6345047	MDL.....: 10.2	
Manganese	**245**	**15.0**	**ug/L**	**SW846 6010B**	**12/11-12/13/06**	**JKJ8T1AT**
		Dilution Factor: 1		Analysis Time..: 19:51	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 6345047	MDL.....: 0.11	
Sodium	**25400** J	**5000**	**ug/L**	**SW846 6010B**	**12/11-12/13/06**	**JKJ8T1AU**
		Dilution Factor: 1		Analysis Time..: 19:51	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 6345047	MDL.....: 157	
Nickel	ND	40.0	ug/L	SW846 6010B	12/11-12/13/06	JKJ8T1AV
		Dilution Factor: 1		Analysis Time..: 19:51	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 6345047	MDL.....: 1.2	
Lead	ND	3.0	ug/L	SW846 6010B	12/11-12/13/06	JKJ8T1AW
		Dilution Factor: 1		Analysis Time..: 19:51	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 6345047	MDL.....: 1.6	
Selenium	ND	5.0	ug/L	SW846 6010B	12/11-12/13/06	JKJ8T1AX
		Dilution Factor: 1		Analysis Time..: 19:51	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 6345047	MDL.....: 2.6	
Thallium	ND	10.0	ug/L	SW846 6010B	12/11-12/13/06	JKJ8T1A0
		Dilution Factor: 1		Analysis Time..: 19:51	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 6345047	MDL.....: 4.6	

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The RETEC Group, Inc.

Client Sample ID: MW06

TOTAL Metals

Lot-Sample #...: C6K300215-001 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	ND	10.0	ug/L	SW846 6010B	12/11-12/13/06	JKJ8T1A1
		Dilution Factor: 1		Analysis Time..: 19:51	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 6345047	MDL.....: 3.2	
Vanadium	~~1.7 B~~ 50 U	50.0	ug/L	SW846 6010B	12/11-12/13/06	JKJ8T1A2
		Dilution Factor: 1		Analysis Time..: 19:51	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 6345047	MDL.....: 1.0	
Zinc	~~10.8 B,J~~ 20 U	20.0	ug/L	SW846 6010B	12/11-12/13/06	JKJ8T1A3
		Dilution Factor: 1		Analysis Time..: 19:51	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 6345047	MDL.....: 1.7	
Prep Batch #...: 6348035						
Mercury	ND	0.20	ug/L	SW846 7470A	12/14/06	JKJ8T1A4
		Dilution Factor: 1		Analysis Time..: 09:41	Analyst ID.....: 031043	
		Instrument ID..: HGHYDRA		MS Run #.....: 6348021	MDL.....: 0.048	

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.

The RETEC Group, Inc.

Client Sample ID: MW07

GC/MS Volatiles

Lot-Sample #...: C6K300215-006	**Work Order #...:** JKJ9C1AH	**Matrix.....:** WG
Date Sampled...: 11/28/06	**Date Received..:** 11/30/06	**MS Run #.....:** 6338194
Prep Date.....: 12/04/06	**Analysis Date..:** 12/04/06	
Prep Batch #...: 6338321	**Analysis Time..:** 16:10	
Dilution Factor: 1	**Initial Wgt/Vol:** 5 mL	**Final Wgt/Vol..:** 5 mL
Analyst ID.....: 001562	**Instrument ID..:** HP5	
	Method.....: SW846 8260B	

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	5.0	ug/L	2.5
Benzene	ND	1.0	ug/L	0.13
Bromodichloromethane	ND	1.0	ug/L	0.11
Bromoform	ND	1.0	ug/L	0.29
Bromomethane	ND	1.0	ug/L	0.43
2-Butanone	ND	5.0	ug/L	1.2
Carbon disulfide	ND	1.0	ug/L	0.16
Carbon tetrachloride	ND	1.0	ug/L	0.25
Chlorobenzene	ND	1.0	ug/L	0.19
Chloroethane	ND	1.0	ug/L	0.41
Chloroform	ND	1.0	ug/L	0.10
Chloromethane	ND	1.0	ug/L	0.17
Cyclohexane	ND	1.0	ug/L	0.47
Dibromochloromethane	ND	1.0	ug/L	0.31
1,2-Dibromo-3-chloro-propane	ND	1.0	ug/L	0.38
1,2-Dibromoethane	ND	1.0	ug/L	0.16
1,3-Dichlorobenzene	ND	1.0	ug/L	0.098
1,4-Dichlorobenzene	ND	1.0	ug/L	0.20
1,2-Dichlorobenzene	ND	1.0	ug/L	0.20
Dichlorodifluoromethane	ND	1.0	ug/L	0.43
1,1-Dichloroethane	ND	1.0	ug/L	0.21
1,2-Dichloroethane	ND	1.0	ug/L	0.10
1,1-Dichloroethene	ND	1.0	ug/L	0.35
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.27
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.23
1,2-Dichloropropane	ND	1.0	ug/L	0.17
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.16
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.12
Ethylbenzene	ND	1.0	ug/L	0.17
2-Hexanone	ND	5.0	ug/L	0.88
Isopropylbenzene	ND	1.0	ug/L	0.19
Methyl acetate	ND	1.0	ug/L	0.26
Methylene chloride	ND	1.0	ug/L	0.40
Methylcyclohexane	ND	1.0	ug/L	0.19
4-Methyl-2-pentanone	ND	5.0	ug/L	1.2
Methyl tert-butyl ether	ND	1.0	ug/L	0.28

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The RETEC Group, Inc.

Client Sample ID: MW07

GC/MS Volatiles

Lot-Sample #...: C6K300215-006 **Work Order #...:** JKJ9C1AH **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Styrene	ND	1.0	ug/L	0.10
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.42
1,2,4-Trichloro-benzene	ND	1.0	ug/L	0.40
Tetrachloroethene	ND	1.0	ug/L	0.21
1,1,1-Trichloroethane	ND	1.0	ug/L	0.24
1,1,2-Trichloroethane	ND	1.0	ug/L	0.22
Trichloroethene	ND	1.0	ug/L	0.22
Trichlorofluoromethane	ND	1.0	ug/L	0.18
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L	0.29
Toluene	ND	1.0	ug/L	0.18
Vinyl chloride	ND	1.0	ug/L	0.17
Xylenes (total)	ND	3.0	ug/L	0.34

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	105	(71 - 118)
1,2-Dichloroethane-d4	100	(64 - 135)
4-Bromofluorobenzene	105	(70 - 118)
Dibromofluoromethane	100	(64 - 128)

The RETEC Group, Inc.

Client Sample ID: MW07

GC/MS Semivolatiles

Lot-Sample #...:	C6K300215-006	**Work Order #...:**	JKJ9C1AJ	**Matrix.....:**	WG
Date Sampled...:	11/28/06 16:20	**Date Received..:**	11/30/06 09:45	**MS Run #.....:**	6335030
Prep Date.....:	12/01/06	**Analysis Date..:**	12/08/06		
Prep Batch #...:	6335080	**Analysis Time..:**	16:28		
Dilution Factor:	0.97	**Initial Wgt/Vol:**	1030 mL	**Final Wgt/Vol..:**	1 mL
Analyst ID.....:	003200	**Instrument ID..:**	731		
		Method.....:	SW846 8270C		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	9.7	ug/L	6.2
Acenaphthylene	ND	9.7	ug/L	4.3
Acetophenone	ND	9.7	ug/L	7.1
Anthracene	ND	9.7	ug/L	1.4
Atrazine	ND	9.7	ug/L	2.9
Benzo(a)anthracene	ND	9.7	ug/L	1.4
Benzo(a)pyrene	ND	9.7	ug/L	3.5
Benzo(b)fluoranthene	ND	9.7	ug/L	1.3
Benzo(ghi)perylene	ND	9.7	ug/L	2.7
Benzo(k)fluoranthene	ND	9.7	ug/L	2.6
Benzaldehyde	ND	9.7	ug/L	0.99
1,1'-Biphenyl	ND	9.7	ug/L	5.2
bis(2-Chloroethoxy) methane	ND	9.7	ug/L	3.8
bis(2-Chloroethyl)-ether	ND	9.7	ug/L	2.4
bis(2-Ethylhexyl) phthalate	**17 J**	**9.7**	**ug/L**	**1.5**
4-Bromophenyl phenyl ether	ND	9.7	ug/L	0.97
Butyl benzyl phthalate	ND	9.7	ug/L	2.8
Caprolactam	ND	9.7	ug/L	0.87
Carbazole	ND	9.7	ug/L	3.5
4-Chloroaniline	ND	9.7	ug/L	1.0
4-Chloro-3-methylphenol	ND	9.7	ug/L	1.1
2-Chloronaphthalene	ND	9.7	ug/L	5.7
2-Chlorophenol	ND	9.7	ug/L	2.8
4-Chlorophenyl phenyl ether	ND	9.7	ug/L	1.4
Chrysene	ND	9.7	ug/L	1.3
Dibenz(a,h)anthracene	ND	9.7	ug/L	0.36
Dibenzofuran	ND	9.7	ug/L	5.9
3,3'-Dichlorobenzidine	ND	48	ug/L	6.7
2,4-Dichlorophenol	ND	9.7	ug/L	3.3
Diethyl phthalate	ND	9.7	ug/L	1.4
2,4-Dimethylphenol	ND	9.7	ug/L	3.4
Dimethyl phthalate	ND	9.7	ug/L	1.2

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The RETEC Group, Inc.

Client Sample ID: MW07

GC/MS Semivolatiles

Lot-Sample #...: C6K300215-006 **Work Order #...:** JKJ9C1AJ **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-butyl phthalate	ND	9.7	ug/L	1.2
4,6-Dinitro-2-methylphenol	ND	48	ug/L	19
2,4-Dinitrophenol	ND	48	ug/L	21
2,4-Dinitrotoluene	ND	9.7	ug/L	5.1
2,6-Dinitrotoluene	ND	9.7	ug/L	1.1
Di-n-octyl phthalate	ND	9.7	ug/L	1.6
Fluoranthene	ND	9.7	ug/L	1.7
Fluorene	ND	9.7	ug/L	1.5
Hexachlorobenzene	ND	9.7	ug/L	6.6
Hexachlorobutadiene	ND	9.7	ug/L	8.0
Hexachlorocyclopentadiene	ND	48	ug/L	1.0
Hexachloroethane	ND	9.7	ug/L	7.0
Indeno(1,2,3-cd)pyrene	ND	9.7	ug/L	2.3
Isophorone	ND	9.7	ug/L	6.1
2-Methylnaphthalene	ND	9.7	ug/L	2.0
2-Methylphenol	ND	9.7	ug/L	2.5
4-Methylphenol	ND	9.7	ug/L	1.5
Naphthalene	ND	9.7	ug/L	2.4
2-Nitroaniline	ND	48	ug/L	8.3
3-Nitroaniline	ND	48	ug/L	9.9
4-Nitroaniline	ND	48	ug/L	13
Nitrobenzene	ND	9.7	ug/L	2.3
2-Nitrophenol	ND	9.7	ug/L	3.3
4-Nitrophenol	ND	48	ug/L	16
N-Nitrosodi-n-propylamine	ND	9.7	ug/L	3.8
N-Nitrosodiphenylamine	ND	9.7	ug/L	3.1
2,2'-oxybis(1-Chloropropane)	ND	9.7	ug/L	6.0
Pentachlorophenol	ND	48	ug/L	21
Phenanthrene	ND	9.7	ug/L	5.8
Phenol	ND	9.7	ug/L	2.7
Pyrene	ND	9.7	ug/L	3.8
2,4,5-Trichlorophenol	ND	9.7	ug/L	3.8
2,4,6-Trichlorophenol	ND	9.7	ug/L	3.0

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The RETEC Group, Inc.

Client Sample ID: MW07

GC/MS Semivolatiles

Lot-Sample #...: C6K300215-006 Work Order #...: JKJ9C1AJ Matrix.....: WG

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	68	(19 - 138)
2-Fluorobiphenyl	67	(35 - 115)
2-Fluorophenol	65	(10 - 118)
Nitrobenzene-d5	71	(39 - 115)
Phenol-d5	64	(18 - 115)
Terphenyl-d14	60	(17 - 129)

The RETEC Group, Inc.

Client Sample ID: MW07

TOTAL Metals

Lot-Sample #...: C6K300215-006 Matrix.....: WG
Date Sampled...: 11/28/06 Date Received..: 11/30/06

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 6345074						
Silver	0.79 ~~B~~ J	5.0	ug/L	SW846 6010B	12/11-12/13/06	JKJ9C1AK
		Dilution Factor: 1		Analysis Time..: 19:57	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 6345047	MDL.....: 0.30	
Aluminum	200 U ~~51.1 B,J~~	200	ug/L	SW846 6010B	12/11-12/13/06	JKJ9C1AL
		Dilution Factor: 1		Analysis Time..: 19:57	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 6345047	MDL.....: 8.0	
Arsenic	ND	10.0	ug/L	SW846 6010B	12/11-12/13/06	JKJ9C1AM
		Dilution Factor: 1		Analysis Time..: 19:57	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 6345047	MDL.....: 3.3	
Barium	409	200	ug/L	SW846 6010B	12/11-12/13/06	JKJ9C1AN
		Dilution Factor: 1		Analysis Time..: 19:57	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 6345047	MDL.....: 1.0	
Beryllium	ND	4.0	ug/L	SW846 6010B	12/11-12/13/06	JKJ9C1AP
		Dilution Factor: 1		Analysis Time..: 19:57	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 6345047	MDL.....: 0.42	
Calcium	211000	5000	ug/L	SW846 6010B	12/11-12/13/06	JKJ9C1AQ
		Dilution Factor: 1		Analysis Time..: 19:57	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 6345047	MDL.....: 39.5	
Cadmium	ND	5.0	ug/L	SW846 6010B	12/11-12/13/06	JKJ9C1AR
		Dilution Factor: 1		Analysis Time..: 19:57	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 6345047	MDL.....: 0.70	
Cobalt	2.3 ~~B~~ J	50.0	ug/L	SW846 6010B	12/11-12/13/06	JKJ9C1AT
		Dilution Factor: 1		Analysis Time..: 19:57	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 6345047	MDL.....: 0.53	
Chromium	1.5 ~~B~~ J	5.0	ug/L	SW846 6010B	12/11-12/13/06	JKJ9C1AU
		Dilution Factor: 1		Analysis Time..: 19:57	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 6345047	MDL.....: 0.93	

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The RETEC Group, Inc.

Client Sample ID: MW07

TOTAL Metals

Lot-Sample #...: C6K300215-006 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Copper	ND	25.0	ug/L	SW846 6010B	12/11-12/13/06	JKJ9C1AV
	Dilution Factor: 1	Analysis Time..: 19:57		Analyst ID.....: 022952		
	Instrument ID..: TRACEICP	MS Run #.....: 6345047		MDL.....: 1.2		
Iron	**24500**	**100**	**ug/L**	**SW846 6010B**	**12/11-12/13/06**	**JKJ9C1AW**
	Dilution Factor: 1	Analysis Time..: 19:57		Analyst ID.....: 022952		
	Instrument ID..: TRACEICP	MS Run #.....: 6345047		MDL.....: 18.0		
Potassium	**18400 J**	**5000**	**ug/L**	**SW846 6010B**	**12/11-12/13/06**	**JKJ9C1AX**
	Dilution Factor: 1	Analysis Time..: 19:57		Analyst ID.....: 022952		
	Instrument ID..: TRACEICP	MS Run #.....: 6345047		MDL.....: 75.0		
Magnesium	**33900**	**5000**	**ug/L**	**SW846 6010B**	**12/11-12/13/06**	**JKJ9C1A0**
	Dilution Factor: 1	Analysis Time..: 19:57		Analyst ID.....: 022952		
	Instrument ID..: TRACEICP	MS Run #.....: 6345047		MDL.....: 10.2		
Manganese	**3940**	**15.0**	**ug/L**	**SW846 6010B**	**12/11-12/13/06**	**JKJ9C1A1**
	Dilution Factor: 1	Analysis Time..: 19:57		Analyst ID.....: 022952		
	Instrument ID..: TRACEICP	MS Run #.....: 6345047		MDL.....: 0.11		
Sodium	**606000 J**	**10000**	**ug/L**	**SW846 6010B**	**12/11-12/14/06**	**JKJ9C1A2**
	Dilution Factor: 2	Analysis Time..: 10:54		Analyst ID.....: 022952		
	Instrument ID..: TRACEICP	MS Run #.....: 6345047		MDL.....: 313		
Nickel	**1.5 B J**	**40.0**	**ug/L**	**SW846 6010B**	**12/11-12/13/06**	**JKJ9C1A3**
	Dilution Factor: 1	Analysis Time..: 19:57		Analyst ID.....: 022952		
	Instrument ID..: TRACEICP	MS Run #.....: 6345047		MDL.....: 1.2		
Lead	ND	3.0	ug/L	SW846 6010B	12/11-12/13/06	JKJ9C1A4
	Dilution Factor: 1	Analysis Time..: 19:57		Analyst ID.....: 022952		
	Instrument ID..: TRACEICP	MS Run #.....: 6345047		MDL.....: 1.6		
Selenium	ND	5.0	ug/L	SW846 6010B	12/11-12/13/06	JKJ9C1A5
	Dilution Factor: 1	Analysis Time..: 19:57		Analyst ID.....: 022952		
	Instrument ID..: TRACEICP	MS Run #.....: 6345047		MDL.....: 2.6		
Thallium	ND	10.0	ug/L	SW846 6010B	12/11-12/13/06	JKJ9C1AA
	Dilution Factor: 1	Analysis Time..: 19:57		Analyst ID.....: 022952		
	Instrument ID..: TRACEICP	MS Run #.....: 6345047		MDL.....: 4.6		

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The RETEC Group, Inc.

Client Sample ID: MW07

TOTAL Metals

Lot-Sample #...: C6K300215-006 Matrix.....: WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	ND	10.0	ug/L	SW846 6010B	12/11-12/13/06	JKJ9C1AC
		Dilution Factor: 1		Analysis Time..: 19:57	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 6345047	MDL.....: 3.2	
Vanadium	ND	50.0	ug/L	SW846 6010B	12/11-12/13/06	JKJ9C1AD
		Dilution Factor: 1		Analysis Time..: 19:57	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 6345047	MDL.....: 1.0	
Zinc	~~6.7 B,J~~ 20 U	**20.0**	**ug/L**	**SW846 6010B**	**12/11-12/13/06**	**JKJ9C1AE**
		Dilution Factor: 1		Analysis Time..: 19:57	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 6345047	MDL.....: 1.7	
Prep Batch #...: 6348035						
Mercury	~~0.067 B~~ 0.20 U	**0.20**	**ug/L**	**SW846 7470A**	**12/14/06**	**JKJ9C1AF**
		Dilution Factor: 1		Analysis Time..: 09:56	Analyst ID.....: 031043	
		Instrument ID..: HGHYDRA		MS Run #.....: 6348021	MDL.....: 0.048	

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.

The RETEC Group, Inc.

Client Sample ID: MW08

GC/MS Volatiles

Lot-Sample #...: C6K300215-009	**Work Order #...:** JKJ9M1AH	**Matrix.....:** WG
Date Sampled...: 11/29/06	**Date Received..:** 11/30/06	**MS Run #.....:** 6338194
Prep Date.....: 12/04/06	**Analysis Date..:** 12/04/06	
Prep Batch #...: 6338321	**Analysis Time..:** 17:20	
Dilution Factor: 2000	**Initial Wgt/Vol:** 5 mL	**Final Wgt/Vol..:** 5 mL
Analyst ID.....: 001562	**Instrument ID..:** HP5	
	Method.....: SW846 8260B	

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	10000	ug/L	5000
Benzene	**30000**	**2000**	**ug/L**	**250**
Bromodichloromethane	ND	2000	ug/L	220
Bromoform	ND	2000	ug/L	570
Bromomethane	ND	2000	ug/L	860
2-Butanone	ND	10000	ug/L	2500
Carbon disulfide	ND	2000	ug/L	320
Carbon tetrachloride	ND	2000	ug/L	490
Chlorobenzene	ND	2000	ug/L	380
Chloroethane	ND	2000	ug/L	830
Chloroform	ND	2000	ug/L	200
Chloromethane	ND	2000	ug/L	350
Cyclohexane	ND	2000	ug/L	930
Dibromochloromethane	ND	2000	ug/L	620
1,2-Dibromo-3-chloro-propane	ND	2000	ug/L	750
1,2-Dibromoethane	ND	2000	ug/L	330
1,3-Dichlorobenzene	ND	2000	ug/L	200
1,4-Dichlorobenzene	ND	2000	ug/L	410
1,2-Dichlorobenzene	ND	2000	ug/L	410
Dichlorodifluoromethane	ND	2000	ug/L	850
1,1-Dichloroethane	ND	2000	ug/L	420
1,2-Dichloroethane	ND	2000	ug/L	210
1,1-Dichloroethene	ND	2000	ug/L	700
cis-1,2-Dichloroethene	ND	2000	ug/L	540
trans-1,2-Dichloroethene	ND	2000	ug/L	450
1,2-Dichloropropane	ND	2000	ug/L	340
cis-1,3-Dichloropropene	ND	2000	ug/L	330
trans-1,3-Dichloropropene	ND	2000	ug/L	230
Ethylbenzene	ND	2000	ug/L	330
2-Hexanone	ND	10000	ug/L	1800
Isopropylbenzene	ND	2000	ug/L	380
Methyl acetate	ND	2000	ug/L	520
Methylene chloride	ND	2000	ug/L	800
Methylcyclohexane	ND	2000	ug/L	380
4-Methyl-2-pentanone	ND	10000	ug/L	2400
Methyl tert-butyl ether	ND	2000	ug/L	560

(Continued on next page)

The RETEC Group, Inc.

Client Sample ID: MW08

GC/MS Volatiles

Lot-Sample #...: C6K300215-009 **Work Order #...:** JKJ9M1AH **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Styrene	**590 J**	**2000**	**ug/L**	**200**
1,1,2,2-Tetrachloroethane	ND	2000	ug/L	850
1,2,4-Trichloro-benzene	ND	2000	ug/L	800
Tetrachloroethene	ND	2000	ug/L	420
1,1,1-Trichloroethane	ND	2000	ug/L	480
1,1,2-Trichloroethane	ND	2000	ug/L	440
Trichloroethene	ND	2000	ug/L	440
Trichlorofluoromethane	ND	2000	ug/L	350
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	2000	ug/L	570
Toluene	**8300**	**2000**	**ug/L**	**370**
Vinyl chloride	ND	2000	ug/L	340
Xylenes (total)	**2400 J**	**6000**	**ug/L**	**690**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	105	(71 - 118)
1,2-Dichloroethane-d4	102	(64 - 135)
4-Bromofluorobenzene	102	(70 - 118)
Dibromofluoromethane	99	(64 - 128)

NOTE(S):

J Estimated result. Result is less than RL.

The RETEC Group, Inc.

Client Sample ID: MW08

GC/MS Semivolatiles

Lot-Sample #...:	C6K300215-009	**Work Order #...:**	JKJ9M1AJ	**Matrix.....:**	WG
Date Sampled...:	11/29/06 12:30	**Date Received..:**	11/30/06 09:45	**MS Run #.....:**	6335030
Prep Date.....:	12/01/06	**Analysis Date..:**	12/08/06		
Prep Batch #...:	6335080	**Analysis Time..:**	17:51		
Dilution Factor:	206	**Initial Wgt/Vol:**	970 mL	**Final Wgt/Vol..:**	1 mL
Analyst ID.....:	003200	**Instrument ID..:**	731		
		Method.....:	SW846 8270C		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	2100	ug/L	1300
Acenaphthylene	ND	2100	ug/L	920
Acetophenone	ND	2100	ug/L	1500
Anthracene	ND	2100	ug/L	310
Atrazine	ND	2100	ug/L	620
Benzo(a)anthracene	ND	2100	ug/L	290
Benzo(a)pyrene	ND	2100	ug/L	750
Benzo(b)fluoranthene	ND	2100	ug/L	290
Benzo(ghi)perylene	ND	2100	ug/L	560
Benzo(k)fluoranthene	ND	2100	ug/L	540
Benzaldehyde	ND	2100	ug/L	210
1,1'-Biphenyl	ND	2100	ug/L	1100
bis(2-Chloroethoxy) methane	ND	2100	ug/L	810
bis(2-Chloroethyl)-ether	ND	2100	ug/L	500
bis(2-Ethylhexyl) phthalate	ND	2100	ug/L	330
4-Bromophenyl phenyl ether	ND	2100	ug/L	210
Butyl benzyl phthalate	ND	2100	ug/L	600
Caprolactam	ND	2100	ug/L	190
Carbazole	ND	2100	ug/L	740
4-Chloroaniline	ND	2100	ug/L	220
4-Chloro-3-methylphenol	ND	2100	ug/L	220
2-Chloronaphthalene	ND	2100	ug/L	1200
2-Chlorophenol	ND	2100	ug/L	600
4-Chlorophenyl phenyl ether	ND	2100	ug/L	290
Chrysene	ND	2100	ug/L	270
Dibenz(a,h)anthracene	ND	2100	ug/L	77
Dibenzofuran	ND	2100	ug/L	1300
3,3'-Dichlorobenzidine	ND	10000	ug/L	1400
2,4-Dichlorophenol	ND	2100	ug/L	700
Diethyl phthalate	ND	2100	ug/L	300
2,4-Dimethylphenol	24000 ~~27000 B~~	~~2100~~ 12000	**ug/L**	~~730~~ 4400
Dimethyl phthalate	ND	2100	ug/L	260

(Continued on next page)

The RETEC Group, Inc.

Client Sample ID: MW08

GC/MS Semivolatiles

Lot-Sample #...: C6K300215-009 Work Order #...: JKJ9M1AJ Matrix.....: WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-butyl phthalate	ND	2100	ug/L	260
4,6-Dinitro-2-methylphenol	ND	10000	ug/L	4100
2,4-Dinitrophenol	ND	10000	ug/L	4600
2,4-Dinitrotoluene	ND	2100	ug/L	1100
2,6-Dinitrotoluene	ND	2100	ug/L	230
Di-n-octyl phthalate	ND	2100	ug/L	330
Fluoranthene	ND	2100	ug/L	370
Fluorene	ND	2100	ug/L	310
Hexachlorobenzene	ND	2100	ug/L	1400
Hexachlorobutadiene	ND	2100	ug/L	1700
Hexachlorocyclopentadiene	ND	10000	ug/L	220
Hexachloroethane	ND	2100	ug/L	1500
Indeno(1,2,3-cd)pyrene	ND	2100	ug/L	480
Isophorone	ND	2100	ug/L	1300
2-Methylnaphthalene	ND	2100	ug/L	430
✓ **2-Methylphenol** 29000	~~30000 B~~	~~2100~~ 12000	ug/L	~~540~~ 3200
✓ **4-Methylphenol** 73000	~~63000 B~~	~~2100~~ 12000	ug/L	~~310~~ 1900
Naphthalene	7900	2100	ug/L	500
2-Nitroaniline	ND	10000	ug/L	1800
3-Nitroaniline	ND	10000	ug/L	2100
4-Nitroaniline	ND	10000	ug/L	2700
Nitrobenzene	ND	2100	ug/L	480
2-Nitrophenol	ND	2100	ug/L	710
4-Nitrophenol	ND	10000	ug/L	3400
N-Nitrosodi-n-propylamine	ND	2100	ug/L	810
N-Nitrosodiphenylamine	ND	2100	ug/L	650
2,2'-oxybis(1-Chloropropane)	ND	2100	ug/L	1300
Pentachlorophenol	ND	10000	ug/L	4400
Phenanthrene	ND	2100	ug/L	1200
✓ **Phenol** 42000	~~42000 B~~	~~2100~~ 12000	ug/L	~~570~~ 3400
Pyrene	ND	2100	ug/L	810
2,4,5-Trichlorophenol	ND	2100	ug/L	810
2,4,6-Trichlorophenol	ND	2100	ug/L	640

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The RETEC Group, Inc.

Client Sample ID: MW08

GC/MS Semivolatiles

Lot-Sample #...: C6K300215-009 Work Order #...: JKJ9M1AJ Matrix.....: WG

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	NC,DIL	(19 - 138)
2-Fluorobiphenyl	NC,DIL	(35 - 115)
2-Fluorophenol	NC,DIL	(10 - 118)
Nitrobenzene-d5	NC,DIL	(39 - 115)
Phenol-d5	NC,DIL	(18 - 115)
Terphenyl-d14	NC,DIL	(17 - 129)

NOTE(S):

NC The recovery and/or RPD were not calculated.

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

E Estimated result. Result concentration exceeds the calibration range.

The RETEC Group, Inc.

Client Sample ID: MW08DL

GC/MS Semivolatiles

Lot-Sample #...: C6K300215-009 Work Order #...: JKJ9M2AJ Matrix.....: WQ
Date Sampled...: 11/29/06 12:30 Date Received..: 11/30/06 09:45 MS Run #.....: 6335030
Prep Date.....: 12/01/06 Analysis Date..: 12/11/06
Prep Batch #...: 6335080 Analysis Time..: 16:43
Dilution Factor: 1236 Initial Wgt/Vol: 970 mL Final Wgt/Vol..: 1 mL
Analyst ID.....: 003200 Instrument ID..: 731
Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	12000	ug/L	7900
Acenaphthylene	ND	12000	ug/L	5500
Acetophenone	ND	12000	ug/L	9000
Anthracene	ND	12000	ug/L	1800
Atrazine	ND	12000	ug/L	3700
Benzo(a)anthracene	ND	12000	ug/L	1800
Benzo(a)pyrene	ND	12000	ug/L	4500
Benzo(b)fluoranthene	ND	12000	ug/L	1700
Benzo(ghi)perylene	ND	12000	ug/L	3400
Benzo(k)fluoranthene	ND	12000	ug/L	3300
Benzaldehyde	ND	12000	ug/L	1300
1,1'-Biphenyl	ND	12000	ug/L	6600
bis(2-Chloroethoxy) methane	ND	12000	ug/L	4900
bis(2-Chloroethyl)-ether	ND	12000	ug/L	3000
bis(2-Ethylhexyl) phthalate	ND	12000	ug/L	2000
4-Bromophenyl phenyl ether	ND	12000	ug/L	1200
Butyl benzyl phthalate	ND	12000	ug/L	3600
Caprolactam	ND	12000	ug/L	1100
Carbazole	ND	12000	ug/L	4400
4-Chloroaniline	ND	12000	ug/L	1300
4-Chloro-3-methylphenol	ND	12000	ug/L	1300
2-Chloronaphthalene	ND	12000	ug/L	7300
2-Chlorophenol	ND	12000	ug/L	3600
4-Chlorophenyl phenyl ether	ND	12000	ug/L	1800
Chrysene	ND	12000	ug/L	1600
Dibenz(a,h)anthracene	ND	12000	ug/L	460
Dibenzofuran	ND	12000	ug/L	7500
3,3'-Dichlorobenzidine	ND	62000	ug/L	8500
2,4-Dichlorophenol	ND	12000	ug/L	4200
Diethyl phthalate	ND	12000	ug/L	1800
2,4-Dimethylphenol	**24000**	**12000**	**ug/L**	**4400**
Dimethyl phthalate	ND	12000	ug/L	1600

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The RETEC Group, Inc.

Client Sample ID: MW08 DL

GC/MS Semivolatiles

Lot-Sample #...: C6K300215-009 Work Order #...: JKJ9M2AJ Matrix.....: WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-butyl phthalate	ND	12000	ug/L	1600
4,6-Dinitro-2-methylphenol	ND	62000	ug/L	25000
2,4-Dinitrophenol	ND	62000	ug/L	27000
2,4-Dinitrotoluene	ND	12000	ug/L	6500
2,6-Dinitrotoluene	ND	12000	ug/L	1400
Di-n-octyl phthalate	ND	12000	ug/L	2000
Fluoranthene	ND	12000	ug/L	2200
Fluorene	ND	12000	ug/L	1900
Hexachlorobenzene	ND	12000	ug/L	8400
Hexachlorobutadiene	ND	12000	ug/L	10000
Hexachlorocyclopenta-diene	ND	62000	ug/L	1300
Hexachloroethane	ND	12000	ug/L	8900
Indeno(1,2,3-cd)pyrene	ND	12000	ug/L	2900
Isophorone	ND	12000	ug/L	7800
2-Methylnaphthalene	ND	12000	ug/L	2600
2-Methylphenol	**29000**	**12000**	**ug/L**	**3200**
4-Methylphenol	**73000**	**12000**	**ug/L**	**1900**
Naphthalene	**6800 J**	**12000**	**ug/L**	**3000**
2-Nitroaniline	ND	62000	ug/L	11000
3-Nitroaniline	ND	62000	ug/L	13000
4-Nitroaniline	ND	62000	ug/L	16000
Nitrobenzene	ND	12000	ug/L	2900
2-Nitrophenol	ND	12000	ug/L	4200
4-Nitrophenol	ND	62000	ug/L	20000
N-Nitrosodi-n-propyl-amine	ND	12000	ug/L	4900
N-Nitrosodiphenylamine	ND	12000	ug/L	3900
2,2'-oxybis(1-Chloropropane)	ND	12000	ug/L	7700
Pentachlorophenol	ND	62000	ug/L	26000
Phenanthrene	ND	12000	ug/L	7500
Phenol	**42000**	**12000**	**ug/L**	**3400**
Pyrene	ND	12000	ug/L	4900
2,4,5-Trichloro-phenol	ND	12000	ug/L	4900
2,4,6-Trichloro-phenol	ND	12000	ug/L	3800

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The RETEC Group, Inc.

Client Sample ID: MW08 DL

GC/MS Semivolatiles

Lot-Sample #...: C6K300215-009 Work Order #...: JKJ9M2AJ Matrix.....: WG

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	NC,DIL	(19 - 138)
2-Fluorobiphenyl	NC,DIL	(35 - 115)
2-Fluorophenol	NC,DIL	(10 - 118)
Nitrobenzene-d5	NC,DIL	(39 - 115)
Phenol-d5	NC,DIL	(18 - 115)
Terphenyl-d14	NC,DIL	(17 - 129)

NOTE(S):

NC The recovery and/or RPD were not calculated.

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

J Estimated result. Result is less than RL.

The RETEC Group, Inc.

Client Sample ID: MW08

TOTAL Metals

Lot-Sample #...: C6K300215-009 Matrix.....: WG
Date Sampled...: 11/29/06 Date Received..: 11/30/06

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 6345074						
Silver	0.83 B J	5.0	ug/L	SW846 6010B	12/11-12/13/06	JKJ9M1AK
		Dilution Factor: 1		Analysis Time..: 20:24	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 6345047	MDL.....: 0.30	
Aluminum	363 J	200	ug/L	SW846 6010B	12/11-12/13/06	JKJ9M1AL
		Dilution Factor: 1		Analysis Time..: 20:24	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 6345047	MDL.....: 8.0	
Arsenic	14.0	10.0	ug/L	SW846 6010B	12/11-12/13/06	JKJ9M1AM
		Dilution Factor: 1		Analysis Time..: 20:24	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 6345047	MDL.....: 3.3	
Barium	189 B J	200	ug/L	SW846 6010B	12/11-12/13/06	JKJ9M1AN
		Dilution Factor: 1		Analysis Time..: 20:24	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 6345047	MDL.....: 1.0	
Beryllium	ND	4.0	ug/L	SW846 6010B	12/11-12/13/06	JKJ9M1AP
		Dilution Factor: 1		Analysis Time..: 20:24	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 6345047	MDL.....: 0.42	
Calcium	141000	5000	ug/L	SW846 6010B	12/11-12/13/06	JKJ9M1AQ
		Dilution Factor: 1		Analysis Time..: 20:24	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 6345047	MDL.....: 39.5	
Cadmium	ND	5.0	ug/L	SW846 6010B	12/11-12/13/06	JKJ9M1AR
		Dilution Factor: 1		Analysis Time..: 20:24	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 6345047	MDL.....: 0.70	
Cobalt	0.90 B J	50.0	ug/L	SW846 6010B	12/11-12/13/06	JKJ9M1AT
		Dilution Factor: 1		Analysis Time..: 20:24	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 6345047	MDL.....: 0.53	
Chromium	2.5 B J	5.0	ug/L	SW846 6010B	12/11-12/13/06	JKJ9M1AU
		Dilution Factor: 1		Analysis Time..: 20:24	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 6345047	MDL.....: 0.93	

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The RETEC Group, Inc.

Client Sample ID: MW08

TOTAL Metals

Lot-Sample #...: C6K300215-009 Matrix.....: WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Copper	4.5 ~~B~~ J	25.0	ug/L	SW846 6010B	12/11-12/13/06	JKJ9M1AV
		Dilution Factor: 1		Analysis Time..: 20:24	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 6345047	MDL.....: 1.2	
Iron	2020	100	ug/L	SW846 6010B	12/11-12/13/06	JKJ9M1AW
		Dilution Factor: 1		Analysis Time..: 20:24	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 6345047	MDL.....: 18.0	
Potassium	26000 ~~J~~	5000	ug/L	SW846 6010B	12/11-12/13/06	JKJ9M1AX
		Dilution Factor: 1		Analysis Time..: 20:24	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 6345047	MDL.....: 75.0	
Magnesium	32100	5000	ug/L	SW846 6010B	12/11-12/13/06	JKJ9M1A0
		Dilution Factor: 1		Analysis Time..: 20:24	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 6345047	MDL.....: 10.2	
Manganese	1210	15.0	ug/L	SW846 6010B	12/11-12/13/06	JKJ9M1A1
		Dilution Factor: 1		Analysis Time..: 20:24	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 6345047	MDL.....: 0.11	
Sodium	653000 J	10000	ug/L	SW846 6010B	12/11-12/14/06	JKJ9M1A2
		Dilution Factor: 2		Analysis Time..: 11:19	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 6345047	MDL.....: 313	
Nickel	2.9 ~~B~~ J	40.0	ug/L	SW846 6010B	12/11-12/13/06	JKJ9M1A3
		Dilution Factor: 1		Analysis Time..: 20:24	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 6345047	MDL.....: 1.2	
Lead	ND	3.0	ug/L	SW846 6010B	12/11-12/13/06	JKJ9M1A4
		Dilution Factor: 1		Analysis Time..: 20:24	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 6345047	MDL.....: 1.6	
Selenium	ND	5.0	ug/L	SW846 6010B	12/11-12/13/06	JKJ9M1A5
		Dilution Factor: 1		Analysis Time..: 20:24	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 6345047	MDL.....: 2.6	
Thallium	ND	10.0	ug/L	SW846 6010B	12/11-12/13/06	JKJ9M1AA
		Dilution Factor: 1		Analysis Time..: 20:24	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 6345047	MDL.....: 4.6	

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The RETEC Group, Inc.

Client Sample ID: MW08

TOTAL Metals

Lot-Sample #...: C6K300215-009 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	ND	10.0	ug/L	SW846 6010B	12/11-12/13/06	JKJ9M1AC
		Dilution Factor: 1		Analysis Time..: 20:24	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 6345047	MDL.....: 3.2	
Vanadium	~~22.6 B~~ 50 U	**50.0**	**ug/L**	**SW846 6010B**	**12/11-12/13/06**	**JKJ9M1AD**
		Dilution Factor: 1		Analysis Time..: 20:24	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 6345047	MDL.....: 1.0	
Zinc	70.0 J	**20.0**	**ug/L**	**SW846 6010B**	**12/11-12/13/06**	**JKJ9M1AE**
		Dilution Factor: 1		Analysis Time..: 20:24	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 6345047	MDL.....: 1.7	
Prep Batch #...: 6348035						
Mercury	ND	0.20	ug/L	SW846 7470A	12/14/06	JKJ9M1AF
		Dilution Factor: 1		Analysis Time..: 10:01	Analyst ID.....: 031043	
		Instrument ID..: HGHYDRA		MS Run #.....: 6348021	MDL.....: 0.048	

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.

The RETEC Group, Inc.

Client Sample ID: MW080

GC/MS Volatiles

Lot-Sample #...: C6K300215-010	**Work Order #...:** JKJ9P1AH	**Matrix.....:** WG
Date Sampled...: 11/29/06	**Date Received..:** 11/30/06	**MS Run #.....:** 6339166
Prep Date.....: 12/05/06	**Analysis Date..:** 12/05/06	
Prep Batch #...: 6339247	**Analysis Time..:** 12:21	
Dilution Factor: 250	**Initial Wgt/Vol:** 5 mL	**Final Wgt/Vol..:** 5 mL
Analyst ID.....: 001562	**Instrument ID..:** HP5	
	Method.....: SW846 8260B	

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	1200	ug/L	620
Benzene	~~30000 E~~ 31000	~~250~~ 1200	**ug/L**	~~31~~ 160
Bromodichloromethane	ND	250	ug/L	27
Bromoform	ND	250	ug/L	72
Bromomethane	ND	250	ug/L	110
2-Butanone	ND	1200	ug/L	310
Carbon disulfide	ND	250	ug/L	40
Carbon tetrachloride	ND	250	ug/L	62
Chlorobenzene	ND	250	ug/L	48
Chloroethane	ND	250	ug/L	100
Chloroform	ND	250	ug/L	25
Chloromethane	ND	250	ug/L	44
Cyclohexane	ND	250	ug/L	120
Dibromochloromethane	ND	250	ug/L	78
1,2-Dibromo-3-chloro-propane	ND	250	ug/L	94
1,2-Dibromoethane	ND	250	ug/L	41
1,3-Dichlorobenzene	ND	250	ug/L	25
1,4-Dichlorobenzene	ND	250	ug/L	51
1,2-Dichlorobenzene	ND	250	ug/L	51
Dichlorodifluoromethane	ND	250	ug/L	110
1,1-Dichloroethane	ND	250	ug/L	53
1,2-Dichloroethane	ND	250	ug/L	26
1,1-Dichloroethene	ND	250	ug/L	88
cis-1,2-Dichloroethene	ND	250	ug/L	67
trans-1,2-Dichloroethene	ND	250	ug/L	57
1,2-Dichloropropane	ND	250	ug/L	43
cis-1,3-Dichloropropene	ND	250	ug/L	41
trans-1,3-Dichloropropene	ND	250	ug/L	29
Ethylbenzene	**230 J**	**250**	**ug/L**	**42**
2-Hexanone	ND	1200	ug/L	220
Isopropylbenzene	ND	250	ug/L	48
Methyl acetate	ND	250	ug/L	65
Methylene chloride	ND	250	ug/L	100
Methylcyclohexane	ND	250	ug/L	47
4-Methyl-2-pentanone	ND	1200	ug/L	300
Methyl tert-butyl ether	ND	250	ug/L	70

(Continued on next page)

The RETEC Group, Inc.

Client Sample ID: MW080

GC/MS Volatiles

Lot-Sample #...: C6K300215-010 **Work Order #...:** JKJ9P1AH **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Styrene	**640**	**250**	**ug/L**	**25**
1,1,2,2-Tetrachloroethane	ND	250	ug/L	110
1,2,4-Trichloro-benzene	ND	250	ug/L	99
Tetrachloroethene	ND	250	ug/L	52
1,1,1-Trichloroethane	ND	250	ug/L	61
1,1,2-Trichloroethane	ND	250	ug/L	55
Trichloroethene	ND	250	ug/L	54
Trichlorofluoromethane	ND	250	ug/L	44
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	250	ug/L	71
Toluene	**8700**	**250**	**ug/L**	**46**
Vinyl chloride	ND	250	ug/L	42
Xylenes (total)	**2800**	**750**	**ug/L**	**86**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	103	(71 - 118)
1,2-Dichloroethane-d4	98	(64 - 135)
4-Bromofluorobenzene	97	(70 - 118)
Dibromofluoromethane	100	(64 - 128)

NOTE(S):

E Estimated result. Result concentration exceeds the calibration range.

J Estimated result. Result is less than RL.

The RETEC Group, Inc.

Client Sample ID: MW080

GC/MS Volatiles

Lot-Sample #...: C6K300215-010	**Work Order #...:** JKJ9P2AH	**Matrix.....:** WG	
Date Sampled...: 11/29/06	**Date Received..:** 11/30/06	**MS Run #.....:** 6339166	
Prep Date.....: 12/05/06	**Analysis Date..:** 12/05/06		
Prep Batch #...: 6339247	**Analysis Time..:** 14:50		
Dilution Factor: 1250	**Initial Wgt/Vol:** 5 mL	**Final Wgt/Vol..:** 5 mL	
Analyst ID.....: 001562	**Instrument ID..:** HP5		
	Method.....: SW846 8260B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	6200	ug/L	3100
Benzene	**31000**	**1200**	**ug/L**	**160**
Bromodichloromethane	ND	1200	ug/L	140
Bromoform	ND	1200	ug/L	360
Bromomethane	ND	1200	ug/L	540
2-Butanone	ND	6200	ug/L	1500
Carbon disulfide	ND	1200	ug/L	200
Carbon tetrachloride	ND	1200	ug/L	310
Chlorobenzene	ND	1200	ug/L	240
Chloroethane	ND	1200	ug/L	520
Chloroform	ND	1200	ug/L	130
Chloromethane	ND	1200	ug/L	220
Cyclohexane	ND	1200	ug/L	580
Dibromochloromethane	ND	1200	ug/L	390
1,2-Dibromo-3-chloro-propane	ND	1200	ug/L	470
1,2-Dibromoethane	ND	1200	ug/L	200
1,3-Dichlorobenzene	ND	1200	ug/L	120
1,4-Dichlorobenzene	ND	1200	ug/L	260
1,2-Dichlorobenzene	ND	1200	ug/L	250
Dichlorodifluoromethane	ND	1200	ug/L	530
1,1-Dichloroethane	ND	1200	ug/L	260
1,2-Dichloroethane	ND	1200	ug/L	130
1,1-Dichloroethene	ND	1200	ug/L	440
cis-1,2-Dichloroethene	ND	1200	ug/L	340
trans-1,2-Dichloroethene	ND	1200	ug/L	280
1,2-Dichloropropane	ND	1200	ug/L	220
cis-1,3-Dichloropropene	ND	1200	ug/L	200
trans-1,3-Dichloropropene	ND	1200	ug/L	140
Ethylbenzene	**220 J**	**1200**	**ug/L**	**210**
2-Hexanone	ND	6200	ug/L	1100
Isopropylbenzene	ND	1200	ug/L	240
Methyl acetate	ND	1200	ug/L	320
Methylene chloride	ND	1200	ug/L	500
Methylcyclohexane	ND	1200	ug/L	240
4-Methyl-2-pentanone	ND	6200	ug/L	1500
Methyl tert-butyl ether	ND	1200	ug/L	350

(Continued on next page)

The RETEC Group, Inc.

Client Sample ID: MW080

GC/MS Volatiles

Lot-Sample #...: C6K300215-010 **Work Order #...: JKJ9P2AH** **Matrix.....: WG**

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Styrene	**600 J**	**1200**	**ug/L**	**120**
1,1,2,2-Tetrachloroethane	ND	1200	ug/L	530
1,2,4-Trichloro-benzene	ND	1200	ug/L	500
Tetrachloroethene	ND	1200	ug/L	260
1,1,1-Trichloroethane	ND	1200	ug/L	300
1,1,2-Trichloroethane	ND	1200	ug/L	270
Trichloroethene	ND	1200	ug/L	270
Trichlorofluoromethane	ND	1200	ug/L	220
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1200	ug/L	360
Toluene	**8700**	**1200**	**ug/L**	**230**
Vinyl chloride	ND	1200	ug/L	210
Xylenes (total)	**2600 J**	**3800**	**ug/L**	**430**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	106	(71 - 118)
1,2-Dichloroethane-d4	101	(64 - 135)
4-Bromofluorobenzene	99	(70 - 118)
Dibromofluoromethane	101	(64 - 128)

NOTE(S):

J Estimated result. Result is less than RL.

The RETEC Group, Inc.

Client Sample ID: MW080

GC/MS Semivolatiles

Lot-Sample #...:	C6K300215-010	**Work Order #...:**	JKJ9P1AJ	**Matrix.....:**	WG
Date Sampled...:	11/29/06 12:15	**Date Received..:**	11/30/06 09:45	**MS Run #.....:**	6335030
Prep Date.....:	12/01/06	**Analysis Date..:**	12/08/06		
Prep Batch #...:	6335080	**Analysis Time..:**	18:18		
Dilution Factor:	202	**Initial Wgt/Vol:**	990 mL	**Final Wgt/Vol..:**	1 mL
Analyst ID.....:	003200	**Instrument ID..:**	731		
		Method.....:	SW846 8270C		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	2000	ug/L	1300
Acenaphthylene	ND	2000	ug/L	900
Acetophenone	ND	2000	ug/L	1500
Anthracene	ND	2000	ug/L	300
Atrazine	ND	2000	ug/L	600
Benzo(a)anthracene	ND	2000	ug/L	290
Benzo(a)pyrene	ND	2000	ug/L	740
Benzo(b)fluoranthene	ND	2000	ug/L	280
Benzo(ghi)perylene	ND	2000	ug/L	550
Benzo(k)fluoranthene	ND	2000	ug/L	530
Benzaldehyde	ND	2000	ug/L	210
1,1'-Biphenyl	ND	2000	ug/L	1100
bis(2-Chloroethoxy) methane	ND	2000	ug/L	800
bis(2-Chloroethyl)-ether	ND	2000	ug/L	490
bis(2-Ethylhexyl) phthalate	ND	2000	ug/L	320
4-Bromophenyl phenyl ether	ND	2000	ug/L	200
Butyl benzyl phthalate	ND	2000	ug/L	590
Caprolactam	ND	2000	ug/L	180
Carbazole	ND	2000	ug/L	720
4-Chloroaniline	ND	2000	ug/L	210
4-Chloro-3-methylphenol	ND	2000	ug/L	220
2-Chloronaphthalene	ND	2000	ug/L	1200
2-Chlorophenol	ND	2000	ug/L	590
4-Chlorophenyl phenyl ether	ND	2000	ug/L	290
Chrysene	ND	2000	ug/L	270
Dibenz(a,h)anthracene	ND	2000	ug/L	76
Dibenzofuran	ND	2000	ug/L	1200
3,3'-Dichlorobenzidine	ND	10000	ug/L	1400
2,4-Dichlorophenol	ND	2000	ug/L	680
Diethyl phthalate	ND	2000	ug/L	290
2,4-Dimethylphenol	13000 ~~25000 E~~	~~2000~~ 10000	ug/L	~~710~~ 5600
Dimethyl phthalate	ND	2000	ug/L	250

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The RETEC Group, Inc.

Client Sample ID: MW080

GC/MS Semivolatiles

Lot-Sample #...: C6K300215-010 Work Order #...: JKJ9P1AJ Matrix.....: WG

PARAMETER		RESULT	REPORTING LIMIT	UNITS	MDL	
Di-n-butyl phthalate		ND	2000	ug/L	260	
4,6-Dinitro-2-methylphenol		ND	10000	ug/L	4000	
2,4-Dinitrophenol		ND	10000	ug/L	4500	
2,4-Dinitrotoluene		ND	2000	ug/L	1100	
2,6-Dinitrotoluene		ND	2000	ug/L	220	
Di-n-octyl phthalate		ND	2000	ug/L	330	
Fluoranthene		ND	2000	ug/L	360	
Fluorene		ND	2000	ug/L	310	
Hexachlorobenzene		ND	2000	ug/L	1400	
Hexachlorobutadiene		ND	2000	ug/L	1700	
Hexachlorocyclopentadiene		ND	10000	ug/L	210	
Hexachloroethane		ND	2000	ug/L	1400	
Indeno(1,2,3-cd)pyrene		ND	2000	ug/L	470	
Isophorone		ND	2000	ug/L	1300	
2-Methylnaphthalene		ND	2000	ug/L	430	
2-Methylphenol	27000	~~27000 E~~	~~2000~~ 10000	ug/L	~~530~~	2700
4-Methylphenol	68000	~~57000 E~~	~~2000~~ 10000	ug/L	~~300~~	1500
Naphthalene		7600	2000	ug/L	490	
2-Nitroaniline		ND	10000	ug/L	1700	
3-Nitroaniline		ND	10000	ug/L	2100	
4-Nitroaniline		ND	10000	ug/L	2600	
Nitrobenzene		ND	2000	ug/L	470	
2-Nitrophenol		ND	2000	ug/L	690	
4-Nitrophenol		ND	10000	ug/L	3300	
N-Nitrosodi-n-propylamine		ND	2000	ug/L	790	
N-Nitrosodiphenylamine		ND	2000	ug/L	640	
2,2'-oxybis(1-Chloropropane)		ND	2000	ug/L	1300	
Pentachlorophenol		ND	10000	ug/L	4300	
Phenanthrene		ND	2000	ug/L	1200	
Phenol	39000	~~38000 E~~	~~2000~~ 10000	ug/L	~~560~~	2800
Pyrene		ND	2000	ug/L	800	
2,4,5-Trichlorophenol		ND	2000	ug/L	790	
2,4,6-Trichlorophenol		ND	2000	ug/L	620	

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The RETEC Group, Inc.

Client Sample ID: MW080

GC/MS Semivolatiles

Lot-Sample #...: C6K300215-010 Work Order #...: JKJ9P1AJ Matrix.....: WG

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	NC,DIL	(19 - 138)
2-Fluorobiphenyl	NC,DIL	(35 - 115)
2-Fluorophenol	NC,DIL	(10 - 118)
Nitrobenzene-d5	NC,DIL	(39 - 115)
Phenol-d5	NC,DIL	(18 - 115)
Terphenyl-d14	NC,DIL	(17 - 129)

NOTE(S):

NC The recovery and/or RPD were not calculated.

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

E Estimated result. Result concentration exceeds the calibration range.

The RETEC Group, Inc.

Client Sample ID: MW080D

GC/MS Semivolatiles

Lot-Sample #...: C6K300215-010	**Work Order #...:** JKJ9P2AJ	**Matrix.....:** WG
Date Sampled...: 11/29/06 12:15	**Date Received..:** 11/30/06 09:45	**MS Run #.....:** 6335030
Prep Date.....: 12/01/06	**Analysis Date..:** 12/11/06	
Prep Batch #...: 6335080	**Analysis Time..:** 17:10	
Dilution Factor: 1010	**Initial Wgt/Vol:** 990 mL	**Final Wgt/Vol..:** 1 mL
Analyst ID.....: 003200	**Instrument ID..:** 731	
	Method.....: SW846 8270C	

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	10000	ug/L	6500
Acenaphthylene	ND	10000	ug/L	4500
Acetophenone	ND	10000	ug/L	7400
Anthracene	ND	10000	ug/L	1500
Atrazine	ND	10000	ug/L	3000
Benzo(a)anthracene	ND	10000	ug/L	1400
Benzo(a)pyrene	ND	10000	ug/L	3700
Benzo(b)fluoranthene	ND	10000	ug/L	1400
Benzo(ghi)perylene	ND	10000	ug/L	2800
Benzo(k)fluoranthene	ND	10000	ug/L	2700
Benzaldehyde	ND	10000	ug/L	1000
1,1'-Biphenyl	ND	10000	ug/L	5400
bis(2-Chloroethoxy) methane	ND	10000	ug/L	4000
bis(2-Chloroethyl)-ether	ND	10000	ug/L	2500
bis(2-Ethylhexyl) phthalate	ND	10000	ug/L	1600
4-Bromophenyl phenyl ether	ND	10000	ug/L	1000
Butyl benzyl phthalate	ND	10000	ug/L	2900
Caprolactam	ND	10000	ug/L	910
Carbazole	ND	10000	ug/L	3600
4-Chloroaniline	ND	10000	ug/L	1100
4-Chloro-3-methylphenol	ND	10000	ug/L	1100
2-Chloronaphthalene	ND	10000	ug/L	6000
2-Chlorophenol	ND	10000	ug/L	2900
4-Chlorophenyl phenyl ether	ND	10000	ug/L	1400
Chrysene	ND	10000	ug/L	1300
Dibenz(a,h)anthracene	ND	10000	ug/L	380
Dibenzofuran	ND	10000	ug/L	6200
3,3'-Dichlorobenzidine	ND	50000	ug/L	6900
2,4-Dichlorophenol	ND	10000	ug/L	3400
Diethyl phthalate	ND	10000	ug/L	1500
2,4-Dimethylphenol	**23000**	**10000**	**ug/L**	**3600**
Dimethyl phthalate	ND	10000	ug/L	1300

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The RETEC Group, Inc.

Client Sample ID: MW080DL

GC/MS Semivolatiles

Lot-Sample #...: C6K300215-010 Work Order #...: JKJ9P2AJ Matrix.....: WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-butyl phthalate	ND	10000	ug/L	1300
4,6-Dinitro-2-methylphenol	ND	50000	ug/L	20000
2,4-Dinitrophenol	ND	50000	ug/L	22000
2,4-Dinitrotoluene	ND	10000	ug/L	5300
2,6-Dinitrotoluene	ND	10000	ug/L	1100
Di-n-octyl phthalate	ND	10000	ug/L	1600
Fluoranthene	ND	10000	ug/L	1800
Fluorene	ND	10000	ug/L	1500
Hexachlorobenzene	ND	10000	ug/L	6900
Hexachlorobutadiene	ND	10000	ug/L	8300
Hexachlorocyclopentadiene	ND	50000	ug/L	1100
Hexachloroethane	ND	10000	ug/L	7200
Indeno(1,2,3-cd)pyrene	ND	10000	ug/L	2300
Isophorone	ND	10000	ug/L	6300
2-Methylnaphthalene	ND	10000	ug/L	2100
2-Methylphenol	**27000**	**10000**	**ug/L**	**2700**
4-Methylphenol	**68000**	**10000**	**ug/L**	**1500**
Naphthalene	**6700 J**	**10000**	**ug/L**	**2400**
2-Nitroaniline	ND	50000	ug/L	8600
3-Nitroaniline	ND	50000	ug/L	10000
4-Nitroaniline	ND	50000	ug/L	13000
Nitrobenzene	ND	10000	ug/L	2400
2-Nitrophenol	ND	10000	ug/L	3500
4-Nitrophenol	ND	50000	ug/L	17000
N-Nitrosodi-n-propylamine	ND	10000	ug/L	4000
N-Nitrosodiphenylamine	ND	10000	ug/L	3200
2,2'-oxybis(1-Chloropropane)	ND	10000	ug/L	6300
Pentachlorophenol	ND	50000	ug/L	22000
Phenanthrene	ND	10000	ug/L	6100
Phenol	**39000**	**10000**	**ug/L**	**2800**
Pyrene	ND	10000	ug/L	4000
2,4,5-Trichlorophenol	ND	10000	ug/L	4000
2,4,6-Trichlorophenol	ND	10000	ug/L	3100

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The RETEC Group, Inc.

Client Sample ID: MW080D

GC/MS Semivolatiles

Lot-Sample #...: C6K300215-010 Work Order #...: JKJ9P2AJ Matrix.....: WG

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	NC,DIL	(19 - 138)
2-Fluorobiphenyl	NC,DIL	(35 - 115)
2-Fluorophenol	NC,DIL	(10 - 118)
Nitrobenzene-d5	NC,DIL	(39 - 115)
Phenol-d5	NC,DIL	(18 - 115)
Terphenyl-d14	NC,DIL	(17 - 129)

NOTE(S):

NC The recovery and/or RPD were not calculated.

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

J Estimated result. Result is less than RL.

The RETEC Group, Inc.

Client Sample ID: MW080

TOTAL Metals

Lot-Sample #...: C6K300215-010 **Matrix.....:** WG
Date Sampled...: 11/29/06 **Date Received..:** 11/30/06

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 6345074						
Silver	ND	5.0	ug/L	SW846 6010B	12/11-12/13/06	JKJ9P1AK
		Dilution Factor: 1		Analysis Time..: 20:29	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 6345047	MDL.....: 0.30	
Aluminum	**412 J**	**200**	**ug/L**	**SW846 6010B**	**12/11-12/13/06**	**JKJ9P1AL**
		Dilution Factor: 1		Analysis Time..: 20:29	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 6345047	MDL.....: 8.0	
Arsenic	**12.5**	**10.0**	**ug/L**	**SW846 6010B**	**12/11-12/13/06**	**JKJ9P1AM**
		Dilution Factor: 1		Analysis Time..: 20:29	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 6345047	MDL.....: 3.3	
Barium	**187 B J**	**200**	**ug/L**	**SW846 6010B**	**12/11-12/13/06**	**JKJ9P1AN**
		Dilution Factor: 1		Analysis Time..: 20:29	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 6345047	MDL.....: 1.0	
Beryllium	ND	4.0	ug/L	SW846 6010B	12/11-12/13/06	JKJ9P1AP
		Dilution Factor: 1		Analysis Time..: 20:29	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 6345047	MDL.....: 0.42	
Calcium	**140000**	**5000**	**ug/L**	**SW846 6010B**	**12/11-12/13/06**	**JKJ9P1AQ**
		Dilution Factor: 1		Analysis Time..: 20:29	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 6345047	MDL.....: 39.5	
Cadmium	ND	5.0	ug/L	SW846 6010B	12/11-12/13/06	JKJ9P1AR
		Dilution Factor: 1		Analysis Time..: 20:29	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 6345047	MDL.....: 0.70	
Cobalt	**1.2 B J**	**50.0**	**ug/L**	**SW846 6010B**	**12/11-12/13/06**	**JKJ9P1AT**
		Dilution Factor: 1		Analysis Time..: 20:29	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 6345047	MDL.....: 0.53	
Chromium	**2.0 B J**	**5.0**	**ug/L**	**SW846 6010B**	**12/11-12/13/06**	**JKJ9P1AU**
		Dilution Factor: 1		Analysis Time..: 20:29	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 6345047	MDL.....: 0.93	

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The RETEC Group, Inc.

Client Sample ID: MW080

TOTAL Metals

Lot-Sample #...: C6K300215-010 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Copper	**3.3 B J**	**25.0**	**ug/L**	**SW846 6010B**	**12/11-12/13/06**	**JKJ9P1AV**
		Dilution Factor: 1		Analysis Time..: 20:29	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 6345047	MDL.....: 1.2	
Iron	**2040**	**100**	**ug/L**	**SW846 6010B**	**12/11-12/13/06**	**JKJ9P1AW**
		Dilution Factor: 1		Analysis Time..: 20:29	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 6345047	MDL.....: 18.0	
Potassium	**26100 J**	**5000**	**ug/L**	**SW846 6010B**	**12/11-12/13/06**	**JKJ9P1AX**
		Dilution Factor: 1		Analysis Time..: 20:29	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 6345047	MDL.....: 75.0	
Magnesium	**32100**	**5000**	**ug/L**	**SW846 6010B**	**12/11-12/13/06**	**JKJ9P1A0**
		Dilution Factor: 1		Analysis Time..: 20:29	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 6345047	MDL.....: 10.2	
Manganese	**1200**	**15.0**	**ug/L**	**SW846 6010B**	**12/11-12/13/06**	**JKJ9P1A1**
		Dilution Factor: 1		Analysis Time..: 20:29	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 6345047	MDL.....: 0.11	
Sodium	**662000 J**	**10000**	**ug/L**	**SW846 6010B**	**12/11-12/14/06**	**JKJ9P1A2**
		Dilution Factor: 2		Analysis Time..: 11:24	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 6345047	MDL.....: 313	
Nickel	**2.4 B J**	**40.0**	**ug/L**	**SW846 6010B**	**12/11-12/13/06**	**JKJ9P1A3**
		Dilution Factor: 1		Analysis Time..: 20:29	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 6345047	MDL.....: 1.2	
Lead	ND	3.0	ug/L	SW846 6010B	12/11-12/13/06	JKJ9P1A4
		Dilution Factor: 1		Analysis Time..: 20:29	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 6345047	MDL.....: 1.6	
Selenium	ND	5.0	ug/L	SW846 6010B	12/11-12/13/06	JKJ9P1A5
		Dilution Factor: 1		Analysis Time..: 20:29	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 6345047	MDL.....: 2.6	
Thallium	ND	10.0	ug/L	SW846 6010B	12/11-12/13/06	JKJ9P1AA
		Dilution Factor: 1		Analysis Time..: 20:29	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 6345047	MDL.....: 4.6	

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The RETEC Group, Inc.

Client Sample ID: MW080

TOTAL Metals

Lot-Sample #...: C6K300215-010 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	ND	10.0	ug/L	SW846 6010B	12/11-12/13/06	JKJ9P1AC
		Dilution Factor: 1		Analysis Time..: 20:29	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 6345047	MDL.....: 3.2	
Vanadium	~~23.2 B~~ 50 U	**50.0**	**ug/L**	**SW846 6010B**	**12/11-12/13/06**	**JKJ9P1AD**
		Dilution Factor: 1		Analysis Time..: 20:29	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 6345047	MDL.....: 1.0	
Zinc	24.3 J	**20.0**	**ug/L**	**SW846 6010B**	**12/11-12/13/06**	**JKJ9P1AE**
		Dilution Factor: 1		Analysis Time..: 20:29	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 6345047	MDL.....: 1.7	
Prep Batch #...: 6348035						
Mercury	~~0.048 B~~ 0.20 U	**0.20**	**ug/L**	**SW846 7470A**	**12/14/06**	**JKJ9P1AF**
		Dilution Factor: 1		Analysis Time..: 10:03	Analyst ID.....: 031043	
		Instrument ID..: HGHYDRA		MS Run #.....: 6348021	MDL.....: 0.048	

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.~~

The RETEC Group, Inc.

Client Sample ID: MW09

GC/MS Volatiles

Lot-Sample #...: C6K300215-008	Work Order #...: JKJ9K1AH	Matrix.....: WG
Date Sampled...: 11/29/06	Date Received..: 11/30/06	MS Run #.....: 6338194
Prep Date.....: 12/04/06	Analysis Date..: 12/04/06	
Prep Batch #...: 6338321	Analysis Time..: 16:57	
Dilution Factor: 1	Initial Wgt/Vol: 5 mL	Final Wgt/Vol..: 5 mL
Analyst ID.....: 001562	Instrument ID..: HP5	
	Method.....: SW846 8260B	

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	5.0	ug/L	2.5
Benzene	ND	1.0	ug/L	0.13
Bromodichloromethane	ND	1.0	ug/L	0.11
Bromoform	ND	1.0	ug/L	0.29
Bromomethane	ND	1.0	ug/L	0.43
2-Butanone	ND	5.0	ug/L	1.2
Carbon disulfide	ND	1.0	ug/L	0.16
Carbon tetrachloride	ND	1.0	ug/L	0.25
Chlorobenzene	ND	1.0	ug/L	0.19
Chloroethane	ND	1.0	ug/L	0.41
Chloroform	ND	1.0	ug/L	0.10
Chloromethane	ND	1.0	ug/L	0.17
Cyclohexane	ND	1.0	ug/L	0.47
Dibromochloromethane	ND	1.0	ug/L	0.31
1,2-Dibromo-3-chloro-propane	ND	1.0	ug/L	0.38
1,2-Dibromoethane	ND	1.0	ug/L	0.16
1,3-Dichlorobenzene	ND	1.0	ug/L	0.098
1,4-Dichlorobenzene	ND	1.0	ug/L	0.20
1,2-Dichlorobenzene	ND	1.0	ug/L	0.20
Dichlorodifluoromethane	ND	1.0	ug/L	0.43
1,1-Dichloroethane	ND	1.0	ug/L	0.21
1,2-Dichloroethane	ND	1.0	ug/L	0.10
1,1-Dichloroethene	ND	1.0	ug/L	0.35
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.27
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.23
1,2-Dichloropropane	ND	1.0	ug/L	0.17
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.16
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.12
Ethylbenzene	ND	1.0	ug/L	0.17
2-Hexanone	ND	5.0	ug/L	0.88
Isopropylbenzene	ND	1.0	ug/L	0.19
Methyl acetate	ND	1.0	ug/L	0.26
Methylene chloride	ND	1.0	ug/L	0.40
Methylcyclohexane	ND	1.0	ug/L	0.19
4-Methyl-2-pentanone	ND	5.0	ug/L	1.2
Methyl tert-butyl ether	ND	1.0	ug/L	0.28

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The RETEC Group, Inc.

Client Sample ID: MW09

GC/MS Volatiles

Lot-Sample #...: C6K300215-008 **Work Order #...:** JKJ9K1AH **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Styrene	ND	1.0	ug/L	0.10
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.42
1,2,4-Trichloro-benzene	ND	1.0	ug/L	0.40
Tetrachloroethene	ND	1.0	ug/L	0.21
1,1,1-Trichloroethane	ND	1.0	ug/L	0.24
1,1,2-Trichloroethane	ND	1.0	ug/L	0.22
Trichloroethene	ND	1.0	ug/L	0.22
Trichlorofluoromethane	ND	1.0	ug/L	0.18
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L	0.29
Toluene	ND	1.0	ug/L	0.18
Vinyl chloride	ND	1.0	ug/L	0.17
Xylenes (total)	ND	3.0	ug/L	0.34

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	99	(71 - 118)
1,2-Dichloroethane-d4	103	(64 - 135)
4-Bromofluorobenzene	100	(70 - 118)
Dibromofluoromethane	98	(64 - 128)

The RETEC Group, Inc.

Client Sample ID: MW09

GC/MS Semivolatiles

Lot-Sample #...:	C6K300215-008	**Work Order #...:**	JKJ9K1AJ	**Matrix.....:**	WG
Date Sampled...:	11/29/06 10:35	**Date Received..:**	11/30/06 09:45	**MS Run #.....:**	6335030
Prep Date.....:	12/01/06	**Analysis Date..:**	12/08/06		
Prep Batch #...:	6335080	**Analysis Time..:**	17:23		
Dilution Factor:	0.98	**Initial Wgt/Vol:**	1020 mL	**Final Wgt/Vol..:**	1 mL
Analyst ID.....:	003200	**Instrument ID..:**	731		
		Method.....:	SW846 8270C		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	9.8	ug/L	6.3
Acenaphthylene	ND	9.8	ug/L	4.4
Acetophenone	ND	9.8	ug/L	7.1
Anthracene	ND	9.8	ug/L	1.5
Atrazine	ND	9.8	ug/L	2.9
Benzo(a)anthracene	ND	9.8	ug/L	1.4
Benzo(a)pyrene	ND	9.8	ug/L	3.6
Benzo(b)fluoranthene	ND	9.8	ug/L	1.4
Benzo(ghi)perylene	ND	9.8	ug/L	2.7
Benzo(k)fluoranthene	ND	9.8	ug/L	2.6
Benzaldehyde	ND	9.8	ug/L	1.0
1,1'-Biphenyl	ND	9.8	ug/L	5.3
bis(2-Chloroethoxy) methane	ND	9.8	ug/L	3.9
bis(2-Chloroethyl)-ether	ND	9.8	ug/L	2.4
bis(2-Ethylhexyl) phthalate	~~4.8 J~~ 9.8 U	9.8	**ug/L**	1.5
4-Bromophenyl phenyl ether	ND	9.8	ug/L	0.98
Butyl benzyl phthalate	ND	9.8	ug/L	2.8
Caprolactam	ND	9.8	ug/L	0.88
Carbazole	ND	9.8	ug/L	3.5
4-Chloroaniline	ND	9.8	ug/L	1.0
4-Chloro-3-methylphenol	ND	9.8	ug/L	1.1
2-Chloronaphthalene	ND	9.8	ug/L	5.8
2-Chlorophenol	ND	9.8	ug/L	2.9
4-Chlorophenyl phenyl ether	ND	9.8	ug/L	1.4
Chrysene	ND	9.8	ug/L	1.3
Dibenz(a,h)anthracene	ND	9.8	ug/L	0.37
Dibenzofuran	ND	9.8	ug/L	6.0
3,3'-Dichlorobenzidine	ND	49	ug/L	6.7
2,4-Dichlorophenol	ND	9.8	ug/L	3.3
Diethyl phthalate	ND	9.8	ug/L	1.4
2,4-Dimethylphenol	ND	9.8	ug/L	3.4
Dimethyl phthalate	ND	9.8	ug/L	1.2

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The RETEC Group, Inc.

Client Sample ID: MW09

GC/MS Semivolatiles

Lot-Sample #...: C6K300215-008 **Work Order #...:** JKJ9K1AJ **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-butyl phthalate	ND	9.8	ug/L	1.2
4,6-Dinitro-2-methylphenol	ND	49	ug/L	19
2,4-Dinitrophenol	ND	49	ug/L	22
2,4-Dinitrotoluene	ND	9.8	ug/L	5.1
2,6-Dinitrotoluene	ND	9.8	ug/L	1.1
Di-n-octyl phthalate	ND	9.8	ug/L	1.6
Fluoranthene	ND	9.8	ug/L	1.7
Fluorene	ND	9.8	ug/L	1.5
Hexachlorobenzene	ND	9.8	ug/L	6.7
Hexachlorobutadiene	ND	9.8	ug/L	8.1
Hexachlorocyclopentadiene	ND	49	ug/L	1.0
Hexachloroethane	ND	9.8	ug/L	7.0
Indeno(1,2,3-cd)pyrene	ND	9.8	ug/L	2.3
Isophorone	ND	9.8	ug/L	6.2
2-Methylnaphthalene	ND	9.8	ug/L	2.1
2-Methylphenol	ND	9.8	ug/L	2.6
4-Methylphenol	ND	9.8	ug/L	1.5
Naphthalene	ND	9.8	ug/L	2.4
2-Nitroaniline	ND	49	ug/L	8.3
3-Nitroaniline	ND	49	ug/L	10
4-Nitroaniline	ND	49	ug/L	13
Nitrobenzene	ND	9.8	ug/L	2.3
2-Nitrophenol	ND	9.8	ug/L	3.4
4-Nitrophenol	ND	49	ug/L	16
N-Nitrosodi-n-propylamine	ND	9.8	ug/L	3.8
N-Nitrosodiphenylamine	ND	9.8	ug/L	3.1
2,2'-oxybis(1-Chloropropane)	ND	9.8	ug/L	6.1
Pentachlorophenol	ND	49	ug/L	21
Phenanthrene	ND	9.8	ug/L	5.9
Phenol	ND	9.8	ug/L	2.7
Pyrene	ND	9.8	ug/L	3.9
2,4,5-Trichlorophenol	ND	9.8	ug/L	3.8
2,4,6-Trichlorophenol	ND	9.8	ug/L	3.0

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The RETEC Group, Inc.

Client Sample ID: MW09

GC/MS Semivolatiles

Lot-Sample #...: C6K300215-008 Work Order #...: JKJ9K1AJ Matrix.....: WG

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	63	(19 - 138)
2-Fluorobiphenyl	60	(35 - 115)
2-Fluorophenol	58	(10 - 118)
Nitrobenzene-d5	63	(39 - 115)
Phenol-d5	59	(18 - 115)
Terphenyl-d14	60	(17 - 129)

NOTE(S):

J Estimated result. Result is less than RL.

The RETEC Group, Inc.

Client Sample ID: MW09

TOTAL Metals

Lot-Sample #...: C6K300215-008 **Matrix.....:** WG
Date Sampled...: 11/29/06 **Date Received..:** 11/30/06

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 6345074						
Silver	ND	5.0	ug/L	SW846 6010B	12/11-12/13/06	JKJ9K1AK
		Dilution Factor: 1		Analysis Time..: 20:19	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 6345047	MDL.....: 0.30	
Aluminum	200 U ~~152 B,J~~	**200**	**ug/L**	**SW846 6010B**	**12/11-12/13/06**	**JKJ9K1AL**
		Dilution Factor: 1		Analysis Time..: 20:19	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 6345047	MDL.....: 8.0	
Arsenic	ND	10.0	ug/L	SW846 6010B	12/11-12/13/06	JKJ9K1AM
		Dilution Factor: 1		Analysis Time..: 20:19	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 6345047	MDL.....: 3.3	
Barium	190 B J	**200**	**ug/L**	**SW846 6010B**	**12/11-12/13/06**	**JKJ9K1AN**
		Dilution Factor: 1		Analysis Time..: 20:19	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 6345047	MDL.....: 1.0	
Beryllium	ND	4.0	ug/L	SW846 6010B	12/11-12/13/06	JKJ9K1AP
		Dilution Factor: 1		Analysis Time..: 20:19	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 6345047	MDL.....: 0.42	
Calcium	**141000**	**5000**	**ug/L**	**SW846 6010B**	**12/11-12/13/06**	**JKJ9K1AQ**
		Dilution Factor: 1		Analysis Time..: 20:19	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 6345047	MDL.....: 39.5	
Cadmium	ND	5.0	ug/L	SW846 6010B	12/11-12/13/06	JKJ9K1AR
		Dilution Factor: 1		Analysis Time..: 20:19	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 6345047	MDL.....: 0.70	
Cobalt	1.3 B J	**50.0**	**ug/L**	**SW846 6010B**	**12/11-12/13/06**	**JKJ9K1AT**
		Dilution Factor: 1		Analysis Time..: 20:19	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 6345047	MDL.....: 0.53	
Chromium	ND	5.0	ug/L	SW846 6010B	12/11-12/13/06	JKJ9K1AU
		Dilution Factor: 1		Analysis Time..: 20:19	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 6345047	MDL.....: 0.93	

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The RETEC Group, Inc.

Client Sample ID: MW09

TOTAL Metals

Lot-Sample #...: C6K300215-008 Matrix.....: WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Copper	1.6 B J	25.0	ug/L	SW846 6010B	12/11-12/13/06	JKJ9K1AV
		Dilution Factor: 1		Analysis Time..: 20:19	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 6345047	MDL.....: 1.2	
Iron	8420	100	ug/L	SW846 6010B	12/11-12/13/06	JKJ9K1AW
		Dilution Factor: 1		Analysis Time..: 20:19	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 6345047	MDL.....: 18.0	
Potassium	36700 J	5000	ug/L	SW846 6010B	12/11-12/13/06	JKJ9K1AX
		Dilution Factor: 1		Analysis Time..: 20:19	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 6345047	MDL.....: 75.0	
Magnesium	19300	5000	ug/L	SW846 6010B	12/11-12/13/06	JKJ9K1A0
		Dilution Factor: 1		Analysis Time..: 20:19	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 6345047	MDL.....: 10.2	
Manganese	1150	15.0	ug/L	SW846 6010B	12/11-12/13/06	JKJ9K1A1
		Dilution Factor: 1		Analysis Time..: 20:19	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 6345047	MDL.....: 0.11	
Sodium	617000 J	10000	ug/L	SW846 6010B	12/11-12/14/06	JKJ9K1A2
		Dilution Factor: 2		Analysis Time..: 11:00	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 6345047	MDL.....: 313	
Nickel	2.0 B J	40.0	ug/L	SW846 6010B	12/11-12/13/06	JKJ9K1A3
		Dilution Factor: 1		Analysis Time..: 20:19	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 6345047	MDL.....: 1.2	
Lead	ND	3.0	ug/L	SW846 6010B	12/11-12/13/06	JKJ9K1A4
		Dilution Factor: 1		Analysis Time..: 20:19	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 6345047	MDL.....: 1.6	
Selenium	ND	5.0	ug/L	SW846 6010B	12/11-12/13/06	JKJ9K1A5
		Dilution Factor: 1		Analysis Time..: 20:19	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 6345047	MDL.....: 2.6	
Thallium	ND	10.0	ug/L	SW846 6010B	12/11-12/13/06	JKJ9K1AA
		Dilution Factor: 1		Analysis Time..: 20:19	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 6345047	MDL.....: 4.6	

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The RETEC Group, Inc.

Client Sample ID: MW09

TOTAL Metals

Lot-Sample #...: C6K300215-008 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	ND	10.0	ug/L	SW846 6010B	12/11-12/13/06	JKJ9K1AC
		Dilution Factor: 1		Analysis Time..: 20:19	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 6345047	MDL.....: 3.2	
Vanadium	ND	50.0	ug/L	SW846 6010B	12/11-12/13/06	JKJ9K1AD
		Dilution Factor: 1		Analysis Time..: 20:19	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 6345047	MDL.....: 1.0	
Zinc	~~6.4 B,J~~ 20 U	20.0	ug/L	SW846 6010B	12/11-12/13/06	JKJ9K1AE
		Dilution Factor: 1		Analysis Time..: 20:19	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 6345047	MDL.....: 1.7	
Prep Batch #...: 6348035						
Mercury	~~0.051 B~~ 0.20 U	0.20	ug/L	SW846 7470A	12/14/06	JKJ9K1AF
		Dilution Factor: 1		Analysis Time..: 09:59	Analyst ID.....: 031043	
		Instrument ID..: HGHYDRA		MS Run #.....: 6348021	MDL.....: 0.048	

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.

The RETEC Group, Inc.

Client Sample ID: MW10

GC/MS Volatiles

Lot-Sample #...: C6K300215-003	Work Order #...: JKJ831AH	Matrix.....: WG
Date Sampled...: 11/28/06	Date Received..: 11/30/06	MS Run #.....: 6338194
Prep Date.....: 12/04/06	Analysis Date..: 12/04/06	
Prep Batch #...: 6338321	Analysis Time..: 15:24	
Dilution Factor: 1	Initial Wgt/Vol: 5 mL	Final Wgt/Vol..: 5 mL
Analyst ID.....: 001562	Instrument ID..: HP5	
	Method.....: SW846 8260B	

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	5.0	ug/L	2.5
Benzene	ND	1.0	ug/L	0.13
Bromodichloromethane	ND	1.0	ug/L	0.11
Bromoform	ND	1.0	ug/L	0.29
Bromomethane	ND	1.0	ug/L	0.43
2-Butanone	ND	5.0	ug/L	1.2
Carbon disulfide	ND	1.0	ug/L	0.16
Carbon tetrachloride	ND	1.0	ug/L	0.25
Chlorobenzene	ND	1.0	ug/L	0.19
Chloroethane	ND	1.0	ug/L	0.41
Chloroform	**3.1 J**	**1.0**	**ug/L**	**0.10**
Chloromethane	ND	1.0	ug/L	0.17
Cyclohexane	ND	1.0	ug/L	0.47
Dibromochloromethane	ND	1.0	ug/L	0.31
1,2-Dibromo-3-chloro-propane	ND	1.0	ug/L	0.38
1,2-Dibromoethane	ND	1.0	ug/L	0.16
1,3-Dichlorobenzene	ND	1.0	ug/L	0.098
1,4-Dichlorobenzene	ND	1.0	ug/L	0.20
1,2-Dichlorobenzene	ND	1.0	ug/L	0.20
Dichlorodifluoromethane	ND	1.0	ug/L	0.43
1,1-Dichloroethane	ND	1.0	ug/L	0.21
1,2-Dichloroethane	ND	1.0	ug/L	0.10
1,1-Dichloroethene	ND	1.0	ug/L	0.35
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.27
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.23
1,2-Dichloropropane	ND	1.0	ug/L	0.17
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.16
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.12
Ethylbenzene	ND	1.0	ug/L	0.17
2-Hexanone	ND	5.0	ug/L	0.88
Isopropylbenzene	ND	1.0	ug/L	0.19
Methyl acetate	ND	1.0	ug/L	0.26
Methylene chloride	ND	1.0	ug/L	0.40
Methylcyclohexane	ND	1.0	ug/L	0.19
4-Methyl-2-pentanone	ND	5.0	ug/L	1.2
Methyl tert-butyl ether	ND	1.0	ug/L	0.28

(Continued on next page)

The RETEC Group, Inc.

Client Sample ID: MW10

GC/MS Volatiles

Lot-Sample #...: C6K300215-003 **Work Order #...:** JKJ831AH **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Styrene	ND	1.0	ug/L	0.10
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.42
1,2,4-Trichloro-benzene	ND	1.0	ug/L	0.40
Tetrachloroethene	ND	1.0	ug/L	0.21
1,1,1-Trichloroethane	ND	1.0	ug/L	0.24
1,1,2-Trichloroethane	ND	1.0	ug/L	0.22
Trichloroethene	ND	1.0	ug/L	0.22
Trichlorofluoromethane	ND	1.0	ug/L	0.18
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L	0.29
Toluene	ND	1.0	ug/L	0.18
Vinyl chloride	ND	1.0	ug/L	0.17
Xylenes (total)	ND	3.0	ug/L	0.34

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	105	(71 - 118)
1,2-Dichloroethane-d4	106	(64 - 135)
4-Bromofluorobenzene	101	(70 - 118)
Dibromofluoromethane	99	(64 - 128)

The RETEC Group, Inc.

Client Sample ID: MW10

GC/MS Semivolatiles

Lot-Sample #...:	C6K300215-003	**Work Order #...:**	JKJ831AJ	**Matrix.....:**	WG
Date Sampled...:	11/28/06 13:05	**Date Received..:**	11/30/06 09:45	**MS Run #.....:**	6335030
Prep Date.....:	12/01/06	**Analysis Date..:**	12/08/06		
Prep Batch #...:	6335080	**Analysis Time..:**	14:11		
Dilution Factor:	0.96	**Initial Wgt/Vol:**	1040 mL	**Final Wgt/Vol..:**	1 mL
Analyst ID.....:	003200	**Instrument ID..:**	731		
		Method.....:	SW846 8270C		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	9.6	ug/L	6.2
Acenaphthylene	ND	9.6	ug/L	4.3
Acetophenone	ND	9.6	ug/L	7.0
Anthracene	ND	9.6	ug/L	1.4
Atrazine	ND	9.6	ug/L	2.9
Benzo(a)anthracene	ND	9.6	ug/L	1.4
Benzo(a)pyrene	ND	9.6	ug/L	3.5
Benzo(b)fluoranthene	ND	9.6	ug/L	1.3
Benzo(ghi)perylene	ND	9.6	ug/L	2.6
Benzo(k)fluoranthene	ND	9.6	ug/L	2.5
Benzaldehyde	ND	9.6	ug/L	0.98
1,1'-Biphenyl	ND	9.6	ug/L	5.2
bis(2-Chloroethoxy) methane	ND	9.6	ug/L	3.8
bis(2-Chloroethyl)-ether	ND	9.6	ug/L	2.3
bis(2-Ethylhexyl) phthalate	ND	9.6	ug/L	1.5
4-Bromophenyl phenyl ether	ND	9.6	ug/L	0.96
Butyl benzyl phthalate	ND	9.6	ug/L	2.8
Caprolactam	ND	9.6	ug/L	0.86
Carbazole	ND	9.6	ug/L	3.4
4-Chloroaniline	ND	9.6	ug/L	1.0
4-Chloro-3-methylphenol	ND	9.6	ug/L	1.0
2-Chloronaphthalene	ND	9.6	ug/L	5.7
2-Chlorophenol	ND	9.6	ug/L	2.8
4-Chlorophenyl phenyl ether	ND	9.6	ug/L	1.4
Chrysene	ND	9.6	ug/L	1.3
Dibenz(a,h)anthracene	ND	9.6	ug/L	0.36
Dibenzofuran	ND	9.6	ug/L	5.9
3,3'-Dichlorobenzidine	ND	48	ug/L	6.6
2,4-Dichlorophenol	ND	9.6	ug/L	3.2
Diethyl phthalate	ND	9.6	ug/L	1.4
2,4-Dimethylphenol	ND	9.6	ug/L	3.4
Dimethyl phthalate	ND	9.6	ug/L	1.2

(Continued on next page)

The RETEC Group, Inc.

Client Sample ID: MW10

GC/MS Semivolatiles

Lot-Sample #...: C6K300215-003 Work Order #...: JKJ831AJ Matrix.....: WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-butyl phthalate	ND	9.6	ug/L	1.2
4,6-Dinitro-2-methylphenol	ND	48	ug/L	19
2,4-Dinitrophenol	ND	48	ug/L	21
2,4-Dinitrotoluene	ND	9.6	ug/L	5.0
2,6-Dinitrotoluene	ND	9.6	ug/L	1.1
Di-n-octyl phthalate	ND	9.6	ug/L	1.6
Fluoranthene	ND	9.6	ug/L	1.7
Fluorene	ND	9.6	ug/L	1.5
Hexachlorobenzene	ND	9.6	ug/L	6.5
Hexachlorobutadiene	ND	9.6	ug/L	7.9
Hexachlorocyclopentadiene	ND	48	ug/L	1.0
Hexachloroethane	ND	9.6	ug/L	6.9
Indeno(1,2,3-cd)pyrene	ND	9.6	ug/L	2.2
Isophorone	ND	9.6	ug/L	6.0
2-Methylnaphthalene	ND	9.6	ug/L	2.0
2-Methylphenol	ND	9.6	ug/L	2.5
4-Methylphenol	ND	9.6	ug/L	1.4
Naphthalene	ND	9.6	ug/L	2.3
2-Nitroaniline	ND	48	ug/L	8.2
3-Nitroaniline	ND	48	ug/L	9.8
4-Nitroaniline	ND	48	ug/L	12
Nitrobenzene	ND	9.6	ug/L	2.2
2-Nitrophenol	ND	9.6	ug/L	3.3
4-Nitrophenol	ND	48	ug/L	16
N-Nitrosodi-n-propylamine	ND	9.6	ug/L	3.8
N-Nitrosodiphenylamine	ND	9.6	ug/L	3.0
2,2'-oxybis(1-Chloropropane)	ND	9.6	ug/L	6.0
Pentachlorophenol	ND	48	ug/L	20
Phenanthrene	ND	9.6	ug/L	5.8
Phenol	ND	9.6	ug/L	2.7
Pyrene	ND	9.6	ug/L	3.8
2,4,5-Trichlorophenol	ND	9.6	ug/L	3.8
2,4,6-Trichlorophenol	ND	9.6	ug/L	3.0

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The RETEC Group, Inc.

Client Sample ID: MW10

GC/MS Semivolatiles

Lot-Sample #...: C6K300215-003 **Work Order #...:** JKJ831AJ **Matrix.....:** WG

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	53	(19 - 138)
2-Fluorobiphenyl	49	(35 - 115)
2-Fluorophenol	56	(10 - 118)
Nitrobenzene-d5	58	(39 - 115)
Phenol-d5	55	(18 - 115)
Terphenyl-d14	63	(17 - 129)

The RETEC Group, Inc.

Client Sample ID: MW10

TOTAL Metals

Lot-Sample #...: C6K300215-003 **Matrix.....:** WG
Date Sampled...: 11/28/06 **Date Received..:** 11/30/06

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 6345074						
Silver	ND	5.0	ug/L	SW846 6010B	12/11-12/13/06	JKJ831AK
		Dilution Factor: 1		Analysis Time..: 19:19	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 6345047	MDL.....: 0.30	
Aluminum	200 U ~~43.9 B,J~~	**200**	**ug/L**	**SW846 6010B**	**12/11-12/13/06**	**JKJ831AL**
		Dilution Factor: 1		Analysis Time..: 19:19	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 6345047	MDL.....: 8.0	
Arsenic	ND	10.0	ug/L	SW846 6010B	12/11-12/13/06	JKJ831AM
		Dilution Factor: 1		Analysis Time..: 19:19	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 6345047	MDL.....: 3.3	
Barium	52.4 ~~B~~ J	**200**	**ug/L**	**SW846 6010B**	**12/11-12/13/06**	**JKJ831AN**
		Dilution Factor: 1		Analysis Time..: 19:19	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 6345047	MDL.....: 1.0	
Beryllium	ND	4.0	ug/L	SW846 6010B	12/11-12/13/06	JKJ831AP
		Dilution Factor: 1		Analysis Time..: 19:19	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 6345047	MDL.....: 0.42	
Calcium	**168000**	**5000**	**ug/L**	**SW846 6010B**	**12/11-12/13/06**	**JKJ831AQ**
		Dilution Factor: 1		Analysis Time..: 19:19	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 6345047	MDL.....: 39.5	
Cadmium	ND	5.0	ug/L	SW846 6010B	12/11-12/13/06	JKJ831AR
		Dilution Factor: 1		Analysis Time..: 19:19	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 6345047	MDL.....: 0.70	
Cobalt	ND	50.0	ug/L	SW846 6010B	12/11-12/13/06	JKJ831AT
		Dilution Factor: 1		Analysis Time..: 19:19	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 6345047	MDL.....: 0.53	
Chromium	1.8 ~~B~~ J	**5.0**	**ug/L**	**SW846 6010B**	**12/11-12/13/06**	**JKJ831AU**
		Dilution Factor: 1		Analysis Time..: 19:19	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 6345047	MDL.....: 0.93	

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The RETEC Group, Inc.

Client Sample ID: MW10

TOTAL Metals

Lot-Sample #...: C6K300215-003 Matrix.....: WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Copper	1.4 ~~B~~ J	25.0	ug/L	SW846 6010B	12/11-12/13/06	JKJ831AV
		Dilution Factor: 1		Analysis Time..: 19:19	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 6345047	MDL.....: 1.2	
Iron	21.2 ~~B~~ J	100	ug/L	SW846 6010B	12/11-12/13/06	JKJ831AW
		Dilution Factor: 1		Analysis Time..: 19:19	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 6345047	MDL.....: 18.0	
Potassium	5870 ~~J~~	5000	ug/L	SW846 6010B	12/11-12/13/06	JKJ831AX
		Dilution Factor: 1		Analysis Time..: 19:19	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 6345047	MDL.....: 75.0	
Magnesium	21800	5000	ug/L	SW846 6010B	12/11-12/13/06	JKJ831A0
		Dilution Factor: 1		Analysis Time..: 19:19	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 6345047	MDL.....: 10.2	
Manganese	23.2	15.0	ug/L	SW846 6010B	12/11-12/13/06	JKJ831A1
		Dilution Factor: 1		Analysis Time..: 19:19	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 6345047	MDL.....: 0.11	
Sodium	116000 J	5000	ug/L	SW846 6010B	12/11-12/13/06	JKJ831A2
		Dilution Factor: 1		Analysis Time..: 19:19	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 6345047	MDL.....: 157	
Nickel	1.2 ~~B~~ J	40.0	ug/L	SW846 6010B	12/11-12/13/06	JKJ831A3
		Dilution Factor: 1		Analysis Time..: 19:19	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 6345047	MDL.....: 1.2	
Lead	ND	3.0	ug/L	SW846 6010B	12/11-12/13/06	JKJ831A4
		Dilution Factor: 1		Analysis Time..: 19:19	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 6345047	MDL.....: 1.6	
Selenium	7.7 J+	5.0	ug/L	SW846 6010B	12/11-12/13/06	JKJ831A5
		Dilution Factor: 1		Analysis Time..: 19:19	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 6345047	MDL.....: 2.6	
Thallium	ND	10.0	ug/L	SW846 6010B	12/11-12/13/06	JKJ831AA
		Dilution Factor: 1		Analysis Time..: 19:19	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 6345047	MDL.....: 4.6	

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The RETEC Group, Inc.

Client Sample ID: MW10

TOTAL Metals

Lot-Sample #...: C6K300215-003 Matrix.....: WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	ND	10.0	ug/L	SW846 6010B	12/11-12/13/06	JKJ831AC
	Dilution Factor: 1			Analysis Time..: 19:19	Analyst ID.....: 022952	
	Instrument ID..: TRACEICP			MS Run #.....: 6345047	MDL.....: 3.2	
Vanadium	ND	50.0	ug/L	SW846 6010B	12/11-12/13/06	JKJ831AD
	Dilution Factor: 1			Analysis Time..: 19:19	Analyst ID.....: 022952	
	Instrument ID..: TRACEICP			MS Run #.....: 6345047	MDL.....: 1.0	
Zinc	20 U ~~6.4 B,J~~	20.0	ug/L	SW846 6010B	12/11-12/13/06	JKJ831AE
	Dilution Factor: 1			Analysis Time..: 19:19	Analyst ID.....: 022952	
	Instrument ID..: TRACEICP			MS Run #.....: 6345047	MDL.....: 1.7	
Prep Batch #...: 6348035						
Mercury	ND	0.20	ug/L	SW846 7470A	12/14/06	JKJ831AF
	Dilution Factor: 1			Analysis Time..: 09:44	Analyst ID.....: 031043	
	Instrument ID..: HGHYDRA			MS Run #.....: 6348021	MDL.....: 0.048	

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.

RETEC, Schenectady Street MGP

Cyanide, Total

Lab Name: STL PITTSBURGH
Client Name: The RETEC Group, Inc.
Matrix: WG

Method: SW846 9012A
Lot Number: C6K300215

Distillation procedure

Client Sample ID	Sample Number	Workorder	Result	Units	Reporting Limit	Dilution Factor	Prep Date - Analysis Date/Time	QC Batch
MW06	C6K300215 001	JKJ8T1A5	ND	ug/L	10.0	1	12/5/2006 - 12/5/2006 00:00	6339196
MW05	C6K300215 002	JKJ811AG	ND	ug/L	10.0	1	12/5/2006 - 12/5/2006 00:00	6339196
MW10	C6K300215 003	JKJ831AG	4.8 B J	ug/L	10.0	1	12/5/2006 - 12/5/2006 00:00	6339196
MW02(04)	C6K300215 004	JKJ841AG	ND	ug/L	10.0	1	12/5/2006 - 12/5/2006 00:00	6339196
MW03(04)	C6K300215 005	JKJ861AT	20.1	ug/L	10.0	1	12/5/2006 - 12/5/2006 00:00	6339196
MW07	C6K300215 006	JKJ9C1AG	19.2	ug/L	10.0	1	12/5/2006 - 12/5/2006 00:00	6339196
MW01(04)	C6K300215 007	JKJ9H1AG	32.3	ug/L	10.0	1	12/6/2006 - 12/6/2006 00:00	6340186
MW09	C6K300215 008	JKJ9K1AG	119	ug/L	10.0	1	12/6/2006 - 12/6/2006 00:00	6340186
MW08	C6K300215 009	JKJ9M1AG	245	ug/L	10.0	1	12/6/2006 - 12/6/2006 00:00	6340186
MW080	C6K300215 010	JKJ9P1AG	233	ug/L	10.0	1	12/6/2006 - 12/6/2006 00:00	6340186
EB(112906)	C6K300215 012	JKJ9X1AG	ND	ug/L	10.0	1	12/6/2006 - 12/6/2006 00:00	6340186

The RETEC Group, Inc.

Client Sample ID: TB(112806)

GC/MS Volatiles

Lot-Sample #...: C6K300215-011	**Work Order #...:** JKJ9W1AA	**Matrix.....:** WQ	
Date Sampled...: 11/28/06	**Date Received..:** 11/30/06	**MS Run #.....:** 6339166	
Prep Date.....: 12/05/06	**Analysis Date..:** 12/05/06		
Prep Batch #...: 6339247	**Analysis Time..:** 13:17		
Dilution Factor: 1	**Initial Wgt/Vol:** 5 mL	**Final Wgt/Vol..:** 5 mL	
Analyst ID.....: 001562	**Instrument ID..:** HP5		
	Method.....: SW846 8260B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	5.0	ug/L	2.5
Benzene	ND	1.0	ug/L	0.13
Bromodichloromethane	ND	1.0	ug/L	0.11
Bromoform	ND	1.0	ug/L	0.29
Bromomethane	ND	1.0	ug/L	0.43
2-Butanone	ND	5.0	ug/L	1.2
Carbon disulfide	ND	1.0	ug/L	0.16
Carbon tetrachloride	ND	1.0	ug/L	0.25
Chlorobenzene	ND	1.0	ug/L	0.19
Chloroethane	ND	1.0	ug/L	0.41
Chloroform	ND	1.0	ug/L	0.10
Chloromethane	ND	1.0	ug/L	0.17
Cyclohexane	ND	1.0	ug/L	0.47
Dibromochloromethane	ND	1.0	ug/L	0.31
1,2-Dibromo-3-chloro-propane	ND	1.0	ug/L	0.38
1,2-Dibromoethane	ND	1.0	ug/L	0.16
1,3-Dichlorobenzene	ND	1.0	ug/L	0.098
1,4-Dichlorobenzene	ND	1.0	ug/L	0.20
1,2-Dichlorobenzene	ND	1.0	ug/L	0.20
Dichlorodifluoromethane	ND	1.0	ug/L	0.43
1,1-Dichloroethane	ND	1.0	ug/L	0.21
1,2-Dichloroethane	ND	1.0	ug/L	0.10
1,1-Dichloroethene	ND	1.0	ug/L	0.35
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.27
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.23
1,2-Dichloropropane	ND	1.0	ug/L	0.17
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.16
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.12
Ethylbenzene	ND	1.0	ug/L	0.17
2-Hexanone	ND	5.0	ug/L	0.88
Isopropylbenzene	ND	1.0	ug/L	0.19
Methyl acetate	ND	1.0	ug/L	0.26
Methylene chloride	ND	1.0	ug/L	0.40
Methylcyclohexane	ND	1.0	ug/L	0.19
4-Methyl-2-pentanone	ND	5.0	ug/L	1.2
Methyl tert-butyl ether	ND	1.0	ug/L	0.28

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The RETEC Group, Inc.

Client Sample ID: TB(112806)

GC/MS Volatiles

Lot-Sample #...: C6K300215-011 **Work Order #...:** JKJ9W1AA **Matrix.....:** WQ

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Styrene	ND	1.0	ug/L	0.10
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.42
1,2,4-Trichloro-benzene	ND	1.0	ug/L	0.40
Tetrachloroethene	ND	1.0	ug/L	0.21
1,1,1-Trichloroethane	ND	1.0	ug/L	0.24
1,1,2-Trichloroethane	ND	1.0	ug/L	0.22
Trichloroethene	ND	1.0	ug/L	0.22
Trichlorofluoromethane	ND	1.0	ug/L	0.18
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L	0.29
Toluene	ND	1.0	ug/L	0.18
Vinyl chloride	ND	1.0	ug/L	0.17
Xylenes (total)	ND	3.0	ug/L	0.34

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	108	(71 - 118)
1,2-Dichloroethane-d4	107	(64 - 135)
4-Bromofluorobenzene	102	(70 - 118)
Dibromofluoromethane	101	(64 - 128)

The RETEC Group, Inc.

Client Sample ID: EB(112906)

GC/MS Volatiles

Lot-Sample #...: C6K300215-012	**Work Order #...:** JKJ9X1AH	**Matrix.....:** WQ
Date Sampled...: 11/29/06	**Date Received..:** 11/30/06	**MS Run #.....:** 6339166
Prep Date.....: 12/05/06	**Analysis Date..:** 12/05/06	
Prep Batch #...: 6339247	**Analysis Time..:** 13:40	
Dilution Factor: 1	**Initial Wgt/Vol:** 5 mL	**Final Wgt/Vol..:** 5 mL
Analyst ID.....: 001562	**Instrument ID..:** HP5	
	Method.....: SW846 8260B	

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	5.0	ug/L	2.5
Benzene	ND	1.0	ug/L	0.13
Bromodichloromethane	ND	1.0	ug/L	0.11
Bromoform	ND	1.0	ug/L	0.29
Bromomethane	ND	1.0	ug/L	0.43
2-Butanone	ND	5.0	ug/L	1.2
Carbon disulfide	ND	1.0	ug/L	0.16
Carbon tetrachloride	ND	1.0	ug/L	0.25
Chlorobenzene	ND	1.0	ug/L	0.19
Chloroethane	ND	1.0	ug/L	0.41
Chloroform	**0.36 J**	**1.0**	**ug/L**	**0.10**
Chloromethane	ND	1.0	ug/L	0.17
Cyclohexane	ND	1.0	ug/L	0.47
Dibromochloromethane	ND	1.0	ug/L	0.31
1,2-Dibromo-3-chloro-propane	ND	1.0	ug/L	0.38
1,2-Dibromoethane	ND	1.0	ug/L	0.16
1,3-Dichlorobenzene	ND	1.0	ug/L	0.098
1,4-Dichlorobenzene	ND	1.0	ug/L	0.20
1,2-Dichlorobenzene	ND	1.0	ug/L	0.20
Dichlorodifluoromethane	ND	1.0	ug/L	0.43
1,1-Dichloroethane	ND	1.0	ug/L	0.21
1,2-Dichloroethane	ND	1.0	ug/L	0.10
1,1-Dichloroethene	ND	1.0	ug/L	0.35
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.27
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.23
1,2-Dichloropropane	ND	1.0	ug/L	0.17
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.16
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.12
Ethylbenzene	ND	1.0	ug/L	0.17
2-Hexanone	ND	5.0	ug/L	0.88
Isopropylbenzene	ND	1.0	ug/L	0.19
Methyl acetate	ND	1.0	ug/L	0.26
Methylene chloride	ND	1.0	ug/L	0.40
Methylcyclohexane	ND	1.0	ug/L	0.19
4-Methyl-2-pentanone	ND	5.0	ug/L	1.2
Methyl tert-butyl ether	ND	1.0	ug/L	0.28

(Continued on next page)

The RETEC Group, Inc.

Client Sample ID: KB(112906)

GC/MS Volatiles

Lot-Sample #...: C6K300215-012 **Work Order #...:** JKJ9X1AH **Matrix.....:** WQ

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Styrene	ND	1.0	ug/L	0.10
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.42
1,2,4-Trichloro-benzene	ND	1.0	ug/L	0.40
Tetrachloroethene	ND	1.0	ug/L	0.21
1,1,1-Trichloroethane	ND	1.0	ug/L	0.24
1,1,2-Trichloroethane	ND	1.0	ug/L	0.22
Trichloroethene	ND	1.0	ug/L	0.22
Trichlorofluoromethane	ND	1.0	ug/L	0.18
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L	0.29
Toluene	ND	1.0	ug/L	0.18
Vinyl chloride	ND	1.0	ug/L	0.17
Xylenes (total)	ND	3.0	ug/L	0.34

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	108	(71 - 118)
1,2-Dichloroethane-d4	105	(64 - 135)
4-Bromofluorobenzene	106	(70 - 118)
Dibromofluoromethane	100	(64 - 128)

NOTE(S):

J Estimated result. Result is less than RL.

The RETEC Group, Inc.

Client Sample ID: EB(112906)

GC/MS Semivolatiles

Lot-Sample #...: C6K300215-012	**Work Order #...:** JKJ9X1AJ	**Matrix.....:** WQ
Date Sampled...: 11/29/06 11:45	**Date Received..:** 11/30/06 09:45	**MS Run #.....:** 6335030
Prep Date.....: 12/01/06	**Analysis Date..:** 12/08/06	
Prep Batch #...: 6335080	**Analysis Time..:** 18:45	
Dilution Factor: 1.01	**Initial Wgt/Vol:** 990 mL	**Final Wgt/Vol..:** 1 mL
Analyst ID.....: 003200	**Instrument ID..:** 731	
	Method.....: SW846 8270C	

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	10	ug/L	6.5
Acenaphthylene	ND	10	ug/L	4.5
Acetophenone	ND	10	ug/L	7.4
Anthracene	ND	10	ug/L	1.5
Atrazine	ND	10	ug/L	3.0
Benzo(a)anthracene	ND	10	ug/L	1.4
Benzo(a)pyrene	ND	10	ug/L	3.7
Benzo(b)fluoranthene	ND	10	ug/L	1.4
Benzo(ghi)perylene	ND	10	ug/L	2.8
Benzo(k)fluoranthene	ND	10	ug/L	2.7
Benzaldehyde	ND	10	ug/L	1.0
1,1'-Biphenyl	ND	10	ug/L	5.4
bis(2-Chloroethoxy) methane	ND	10	ug/L	4.0
bis(2-Chloroethyl)-ether	ND	10	ug/L	2.5
bis(2-Ethylhexyl) phthalate	**1.6 J**	**10**	**ug/L**	**1.6**
4-Bromophenyl phenyl ether	ND	10	ug/L	1.0
Butyl benzyl phthalate	ND	10	ug/L	2.9
Caprolactam	ND	10	ug/L	0.91
Carbazole	ND	10	ug/L	3.6
4-Chloroaniline	ND	10	ug/L	1.1
4-Chloro-3-methylphenol	ND	10	ug/L	1.1
2-Chloronaphthalene	ND	10	ug/L	6.0
2-Chlorophenol	ND	10	ug/L	2.9
4-Chlorophenyl phenyl ether	ND	10	ug/L	1.4
Chrysene	ND	10	ug/L	1.3
Dibenz(a,h)anthracene	ND	10	ug/L	0.38
Dibenzofuran	ND	10	ug/L	6.2
3,3'-Dichlorobenzidine	ND	50	ug/L	6.9
2,4-Dichlorophenol	ND	10	ug/L	3.4
Diethyl phthalate	ND	10	ug/L	1.5
2,4-Dimethylphenol	ND	10	ug/L	3.6
Dimethyl phthalate	ND	10	ug/L	1.3

(Continued on next page)

The RETEC Group, Inc.

Client Sample ID: EB(112906)

GC/MS Semivolatiles

Lot-Sample #...: C6K300215-012 Work Order #...: JKJ9X1AJ Matrix.....: WQ

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-butyl phthalate	ND	10	ug/L	1.3
4,6-Dinitro-2-methylphenol	ND	50	ug/L	20
2,4-Dinitrophenol	ND	50	ug/L	22
2,4-Dinitrotoluene	ND	10	ug/L	5.3
2,6-Dinitrotoluene	ND	10	ug/L	1.1
Di-n-octyl phthalate	ND	10	ug/L	1.6
Fluoranthene	ND	10	ug/L	1.8
Fluorene	ND	10	ug/L	1.5
Hexachlorobenzene	ND	10	ug/L	6.9
Hexachlorobutadiene	ND	10	ug/L	8.3
Hexachlorocyclopentadiene	ND	50	ug/L	1.1
Hexachloroethane	ND	10	ug/L	7.2
Indeno(1,2,3-cd)pyrene	ND	10	ug/L	2.3
Isophorone	ND	10	ug/L	6.3
2-Methylnaphthalene	ND	10	ug/L	2.1
2-Methylphenol	ND	10	ug/L	2.7
4-Methylphenol	ND	10	ug/L	1.5
Naphthalene	ND	10	ug/L	2.4
2-Nitroaniline	ND	50	ug/L	8.6
3-Nitroaniline	ND	50	ug/L	10
4-Nitroaniline	ND	50	ug/L	13
Nitrobenzene	ND	10	ug/L	2.4
2-Nitrophenol	ND	10	ug/L	3.5
4-Nitrophenol	ND	50	ug/L	17
N-Nitrosodi-n-propylamine	ND	10	ug/L	4.0
N-Nitrosodiphenylamine	ND	10	ug/L	3.2
2,2'-oxybis(1-Chloropropane)	ND	10	ug/L	6.3
Pentachlorophenol	ND	50	ug/L	22
Phenanthrene	ND	10	ug/L	6.1
Phenol	ND	10	ug/L	2.8
Pyrene	ND	10	ug/L	4.0
2,4,5-Trichlorophenol	ND	10	ug/L	4.0
2,4,6-Trichlorophenol	ND	10	ug/L	3.1

(Continued on next page)

The RETEC Group, Inc.

Client Sample ID: EB(112906)

GC/MS Semivolatiles

Lot-Sample #...: C6K300215-012 **Work Order #...:** JKJ9X1AJ **Matrix.....:** WQ

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	46	(19 - 138)
2-Fluorobiphenyl	42	(35 - 115)
2-Fluorophenol	47	(10 - 118)
Nitrobenzene-d5	47	(39 - 115)
Phenol-d5	45	(18 - 115)
Terphenyl-d14	53	(17 - 129)

NOTE(S):

J Estimated result. Result is less than RL.

The RETEC Group, Inc.

Client Sample ID: KB(112906)

TOTAL Metals

Lot-Sample #...: C6K300215-012 Matrix.....: WQ
Date Sampled...: 11/29/06 Date Received..: 11/30/06

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 6345074						
Silver	ND	5.0	ug/L	SW846 6010B	12/11-12/13/06	JKJ9X1AK
		Dilution Factor: 1		Analysis Time..: 20:35	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 6345047	MDL.....: 0.30	
Aluminum	**11.0 B,J**	**200**	**ug/L**	**SW846 6010B**	**12/11-12/13/06**	**JKJ9X1AL**
		Dilution Factor: 1		Analysis Time..: 20:35	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 6345047	MDL.....: 8.0	
Arsenic	ND	10.0	ug/L	SW846 6010B	12/11-12/13/06	JKJ9X1AM
		Dilution Factor: 1		Analysis Time..: 20:35	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 6345047	MDL.....: 3.3	
Barium	ND	200	ug/L	SW846 6010B	12/11-12/13/06	JKJ9X1AN
		Dilution Factor: 1		Analysis Time..: 20:35	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 6345047	MDL.....: 1.0	
Beryllium	ND	4.0	ug/L	SW846 6010B	12/11-12/13/06	JKJ9X1AP
		Dilution Factor: 1		Analysis Time..: 20:35	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 6345047	MDL.....: 0.42	
Calcium	**96.9 B J**	**5000**	**ug/L**	**SW846 6010B**	**12/11-12/13/06**	**JKJ9X1AQ**
		Dilution Factor: 1		Analysis Time..: 20:35	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 6345047	MDL.....: 39.5	
Cadmium	ND	5.0	ug/L	SW846 6010B	12/11-12/13/06	JKJ9X1AR
		Dilution Factor: 1		Analysis Time..: 20:35	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 6345047	MDL.....: 0.70	
Cobalt	ND	50.0	ug/L	SW846 6010B	12/11-12/13/06	JKJ9X1AT
		Dilution Factor: 1		Analysis Time..: 20:35	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 6345047	MDL.....: 0.53	
Chromium	ND	5.0	ug/L	SW846 6010B	12/11-12/13/06	JKJ9X1AU
		Dilution Factor: 1		Analysis Time..: 20:35	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 6345047	MDL.....: 0.93	

(Continued on next page)

The RETEC Group, Inc.

Client Sample ID: EB(112906)

TOTAL Metals

Lot-Sample #...: C6K300215-012 **Matrix.....:** WQ

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Copper	ND	25.0	ug/L	SW846 6010B	12/11-12/13/06	JKJ9X1AV
	Dilution Factor: 1	Analysis Time..: 20:35		Analyst ID.....: 022952		
	Instrument ID..: TRACEICP	MS Run #.....: 6345047		MDL.....: 1.2		
Iron	ND	100	ug/L	SW846 6010B	12/11-12/13/06	JKJ9X1AW
	Dilution Factor: 1	Analysis Time..: 20:35		Analyst ID.....: 022952		
	Instrument ID..: TRACEICP	MS Run #.....: 6345047		MDL.....: 18.0		
Potassium	**164 ~~B~~,J**	**5000**	**ug/L**	**SW846 6010B**	**12/11-12/13/06**	**JKJ9X1AX**
	Dilution Factor: 1	Analysis Time..: 20:35		Analyst ID.....: 022952		
	Instrument ID..: TRACEICP	MS Run #.....: 6345047		MDL.....: 75.0		
Magnesium	ND	5000	ug/L	SW846 6010B	12/11-12/13/06	JKJ9X1A0
	Dilution Factor: 1	Analysis Time..: 20:35		Analyst ID.....: 022952		
	Instrument ID..: TRACEICP	MS Run #.....: 6345047		MDL.....: 10.2		
Manganese	**0.31 ~~B~~ J**	**15.0**	**ug/L**	**SW846 6010B**	**12/11-12/13/06**	**JKJ9X1A1**
	Dilution Factor: 1	Analysis Time..: 20:35		Analyst ID.....: 022952		
	Instrument ID..: TRACEICP	MS Run #.....: 6345047		MDL.....: 0.11		
Sodium	ND	5000	ug/L	SW846 6010B	12/11-12/13/06	JKJ9X1A2
	Dilution Factor: 1	Analysis Time..: 20:35		Analyst ID.....: 022952		
	Instrument ID..: TRACEICP	MS Run #.....: 6345047		MDL.....: 157		
Nickel	ND	40.0	ug/L	SW846 6010B	12/11-12/13/06	JKJ9X1A3
	Dilution Factor: 1	Analysis Time..: 20:35		Analyst ID.....: 022952		
	Instrument ID..: TRACEICP	MS Run #.....: 6345047		MDL.....: 1.2		
Lead	ND	3.0	ug/L	SW846 6010B	12/11-12/13/06	JKJ9X1A4
	Dilution Factor: 1	Analysis Time..: 20:35		Analyst ID.....: 022952		
	Instrument ID..: TRACEICP	MS Run #.....: 6345047		MDL.....: 1.6		
Selenium	ND	5.0	ug/L	SW846 6010B	12/11-12/13/06	JKJ9X1A5
	Dilution Factor: 1	Analysis Time..: 20:35		Analyst ID.....: 022952		
	Instrument ID..: TRACEICP	MS Run #.....: 6345047		MDL.....: 2.6		
Thallium	ND	10.0	ug/L	SW846 6010B	12/11-12/13/06	JKJ9X1AA
	Dilution Factor: 1	Analysis Time..: 20:35		Analyst ID.....: 022952		
	Instrument ID..: TRACEICP	MS Run #.....: 6345047		MDL.....: 4.6		

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The RETEC Group, Inc.

Client Sample ID: EB(112906)

TOTAL Metals

Lot-Sample #...: C6K300215-012 **Matrix.....:** WQ

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	ND	10.0	ug/L	SW846 6010B	12/11-12/13/06	JKJ9X1AC
		Dilution Factor: 1		Analysis Time..: 20:35	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 6345047	MDL.....: 3.2	
Vanadium	ND	50.0	ug/L	SW846 6010B	12/11-12/13/06	JKJ9X1AD
		Dilution Factor: 1		Analysis Time..: 20:35	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 6345047	MDL.....: 1.0	
Zinc	**3.6 ~~B~~,J**	**20.0**	**ug/L**	**SW846 6010B**	**12/11-12/13/06**	**JKJ9X1AE**
		Dilution Factor: 1		Analysis Time..: 20:35	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 6345047	MDL.....: 1.7	
Prep Batch #...: 6348035						
Mercury	**0.049 ~~B~~ J**	**0.20**	**ug/L**	**SW846 7470A**	**12/14/06**	**JKJ9X1AF**
		Dilution Factor: 1		Analysis Time..: 10:04	Analyst ID.....: 031043	
		Instrument ID..: HGHYDRA		MS Run #.....: 6348021	MDL.....: 0.048	

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.

Air Toxics LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: AMB01

Lab ID#: 0611379-06A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	7112918	**Date of Collection:**	11/14/06
Dil. Factor:	1.71	**Date of Analysis:**	11/30/06 02:03 AM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.17	0.52	0.84	2.6
Freon 114	0.17	Not Detected	1.2	Not Detected
Chloromethane	0.17	0.62	0.35	1.3
Vinyl Chloride	0.17	Not Detected	0.44	Not Detected
Bromomethane	0.17	Not Detected	0.66	Not Detected
Chloroethane	0.17	Not Detected	0.45	Not Detected
Freon 11	0.17	0.25	0.96	1.4
1,1-Dichloroethene	0.17	Not Detected	0.68	Not Detected
Freon 113	0.17	Not Detected	1.3	Not Detected
Methylene Chloride	0.17 UJ	Not Detected	0.59 UJ	Not Detected
1,1-Dichloroethane	0.17	Not Detected	0.69	Not Detected
cis-1,2-Dichloroethene	0.17	Not Detected	0.68	Not Detected
Chloroform	0.17	Not Detected	0.83	Not Detected
1,1,1-Trichloroethane	0.17	Not Detected	0.93	Not Detected
Carbon Tetrachloride	0.17	Not Detected	1.1	Not Detected
Benzene	0.17	0.30	0.55	0.97
1,2-Dichloroethane	0.17	Not Detected	0.69	Not Detected
Trichloroethene	0.17	Not Detected	0.92	Not Detected
1,2-Dichloropropane	0.17	Not Detected	0.79	Not Detected
cis-1,3-Dichloropropene	0.17 UJ	Not Detected	0.78 UJ	Not Detected
Toluene	0.17	0.93	0.64	3.5
trans-1,3-Dichloropropene	0.17	Not Detected	0.78	Not Detected
1,1,2-Trichloroethane	0.17	Not Detected	0.93	Not Detected
Tetrachloroethene	0.17	Not Detected	1.2	Not Detected
1,2-Dibromoethane (EDB)	0.17	Not Detected	1.3	Not Detected
Chlorobenzene	0.17	Not Detected	0.79	Not Detected
Ethyl Benzene	0.17	Not Detected	0.74	Not Detected
m,p-Xylene	0.17	0.25	0.74	1.1
o-Xylene	0.17	Not Detected	0.74	Not Detected
Styrene	0.17	Not Detected	0.73	Not Detected
1,1,2,2-Tetrachloroethane	0.17	Not Detected	1.2	Not Detected
1,3,5-Trimethylbenzene	0.17	Not Detected	0.84	Not Detected
1,2,4-Trimethylbenzene	0.17 UJ	Not Detected	0.84 UJ	Not Detected
1,3-Dichlorobenzene	0.17	Not Detected	1.0	Not Detected
1,4-Dichlorobenzene	0.17	Not Detected	1.0	Not Detected
alpha-Chlorotoluene	0.17	Not Detected	0.88	Not Detected
1,2-Dichlorobenzene	0.17	Not Detected	1.0	Not Detected
1,2,4-Trichlorobenzene	0.86	Not Detected	6.3	Not Detected
Hexachlorobutadiene	0.86	Not Detected	9.1	Not Detected

0261

Air Toxics LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: AMB01

Lab ID#: 0611379-06A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**7112918**	**Date of Collection:**	**11/14/06**
Dil. Factor:	**1.71**	**Date of Analysis:**	**11/30/06 02:03 AM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Propylene	0.86	Not Detected	1.5	Not Detected
1,3-Butadiene	0.86	Not Detected	1.9	Not Detected
Acetone	0.86	2.5	2.0	6.0
Carbon Disulfide	0.86	Not Detected	2.7	Not Detected
trans-1,2-Dichloroethene	0.86	Not Detected	3.4	Not Detected
2-Butanone (Methyl Ethyl Ketone)	0.86	Not Detected	2.5	Not Detected
Hexane	0.86	Not Detected	3.0	Not Detected
Tetrahydrofuran	0.86	Not Detected	2.5	Not Detected
Cyclohexane	0.86	Not Detected	2.9	Not Detected
1,4-Dioxane	0.86	Not Detected	3.1	Not Detected
Bromodichloromethane	0.86	Not Detected	5.7	Not Detected
4-Methyl-2-pentanone	0.86	Not Detected	3.5	Not Detected
2-Hexanone	0.86	Not Detected	3.5	Not Detected
Dibromochloromethane	0.86	Not Detected	7.3	Not Detected
Bromoform	0.86	Not Detected	8.8	Not Detected
4-Ethyltoluene	0.86	Not Detected	4.2	Not Detected
Ethanol	0.86	4.0	1.6	7.5
Methyl tert-butyl ether	0.86	Not Detected	3.1	Not Detected
Heptane	0.86	Not Detected	3.5	Not Detected
Naphthalene	0.86	Not Detected	4.5	Not Detected
2-Methylpentane	0.86	Not Detected	3.0	Not Detected
Isopentane	0.86	1.1	2.5	3.2
2,3-Dimethylpentane	0.86	Not Detected	3.5	Not Detected
2,2,4-Trimethylpentane	0.86	Not Detected	4.0	Not Detected
Indene	0.86	Not Detected	4.1	Not Detected
Indan	0.86	Not Detected	4.1	Not Detected
Thiophene	0.86	Not Detected	2.9	Not Detected
2-Propanol	0.86	Not Detected	2.1	Not Detected

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount (ppbv)
Aluminum, tripropyl-	102-67-0	83%	1.8 N J
Propane, 2-methyl-	75-28-5	53%	5.3 N J
Butane	106-97-8	53%	2.6 N J
Acetaldehyde	75-07-0	86%	3.9 N J
Butanal	123-72-8	53%	1.9 N J
1,3,6-Heptatriene, 2,5,5-trimethyl-	29548-02-5	83%	2.5 N J
Bicyclo[2.2.1]heptan-2-ol, 1,3,3-trimeth	1632-73-1	94%	6.9 N J

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: AMB01

Lab ID#: 0611379-06A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**7112918**	**Date of Collection:**	**11/14/06**
Dil. Factor:	**1.71**	**Date of Analysis:**	**11/30/06 02:03 AM**

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount (ppbv)
Bicyclo[2.2.1]heptan-2-ol, 1,3,3-trimeth	4057-31-2	91%	3.5 N J

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	99	70-130
4-Bromofluorobenzene	102	70-130
Toluene-d8	98	70-130

Air Toxics LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: SV01

Lab ID#: 0611379-01A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	7112912	Date of Collection: 11/14/06
Dil. Factor:	1.49	Date of Analysis: 11/29/06 08:30 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.15	5.7	0.74	28
Freon 114	0.15	Not Detected	1.0	Not Detected
Chloromethane	0.15	Not Detected	0.31	Not Detected
Vinyl Chloride	0.15	Not Detected	0.38	Not Detected
Bromomethane	0.15	Not Detected	0.58	Not Detected
Chloroethane	0.15	Not Detected	0.39	Not Detected
Freon 11	0.15	11	0.84	64
1,1-Dichloroethene	0.15	Not Detected	0.59	Not Detected
Freon 113	0.15	Not Detected	1.1	Not Detected
Methylene Chloride	0.15	0.53 J	0.52	1.8 J
1,1-Dichloroethane	0.15	Not Detected	0.60	Not Detected
cis-1,2-Dichloroethene	0.15	Not Detected	0.59	Not Detected
Chloroform	0.15	Not Detected	0.73	Not Detected
1,1,1-Trichloroethane	0.15	Not Detected	0.81	Not Detected
Carbon Tetrachloride	0.15	Not Detected	0.94	Not Detected
Benzene	0.15	1.8	0.48	5.8
1,2-Dichloroethane	0.15	Not Detected	0.60	Not Detected
Trichloroethene	0.15	Not Detected	0.80	Not Detected
1,2-Dichloropropane	0.15	Not Detected	0.69	Not Detected
cis-1,3-Dichloropropene	0.15 UJ	Not Detected	0.68 UJ	Not Detected
Toluene	0.15	24	0.56	91
trans-1,3-Dichloropropene	0.15	Not Detected	0.68	Not Detected
1,1,2-Trichloroethane	0.15	Not Detected	0.81	Not Detected
Tetrachloroethene	0.15	0.62	1.0	4.2
1,2-Dibromoethane (EDB)	0.15	Not Detected	1.1	Not Detected
Chlorobenzene	0.15	Not Detected	0.68	Not Detected
Ethyl Benzene	0.15	1.1	0.65	4.9
m,p-Xylene	0.15	3.6	0.65	15
o-Xylene	0.15	1.2	0.65	5.1
Styrene	0.15	0.71	0.63	3.0
1,1,2,2-Tetrachloroethane	0.15	Not Detected	1.0	Not Detected
1,3,5-Trimethylbenzene	0.15	0.51	0.73	2.5
1,2,4-Trimethylbenzene	0.15	2.1 J	0.73	10 J
1,3-Dichlorobenzene	0.15	Not Detected	0.90	Not Detected
1,4-Dichlorobenzene	0.15	Not Detected	0.90	Not Detected
alpha-Chlorotoluene	0.15	Not Detected	0.77	Not Detected
1,2-Dichlorobenzene	0.15	Not Detected	0.90	Not Detected
1,2,4-Trichlorobenzene	0.74	Not Detected	5.5	Not Detected
Hexachlorobutadiene	0.74	Not Detected	7.9	Not Detected

0007

Air Toxics LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: SV01

Lab ID#: 0611379-01A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	7112912	Date of Collection:	11/14/06
Dil. Factor:	1.49	Date of Analysis:	11/29/06 08:30 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Propylene	0.74	Not Detected	1.3	Not Detected
1,3-Butadiene	0.74	Not Detected	1.6	Not Detected
Acetone	0.74	16	1.8	37
Carbon Disulfide	0.74	4.5	2.3	14
trans-1,2-Dichloroethene	0.74	Not Detected	3.0	Not Detected
2-Butanone (Methyl Ethyl Ketone)	0.74	0.78	2.2	2.3
Hexane	0.74	1.9	2.6	6.8
Tetrahydrofuran	0.74	Not Detected	2.2	Not Detected
Cyclohexane	0.74	Not Detected	2.6	Not Detected
1,4-Dioxane	0.74	Not Detected	2.7	Not Detected
Bromodichloromethane	0.74	Not Detected	5.0	Not Detected
4-Methyl-2-pentanone	0.74	Not Detected	3.0	Not Detected
2-Hexanone	0.74	Not Detected	3.0	Not Detected
Dibromochloromethane	0.74	Not Detected	6.3	Not Detected
Bromoform	0.74	Not Detected	7.7	Not Detected
4-Ethyltoluene	0.74	1.0	3.7	5.0
Ethanol	0.74	Not Detected	1.4	Not Detected
Methyl tert-butyl ether	0.74	Not Detected	2.7	Not Detected
Heptane	0.74	1.5	3.0	6.0
Naphthalene	0.74	Not Detected	3.9	Not Detected
2-Methylpentane	0.74	2.7	2.6	9.7
Isopentane	0.74	11	2.2	32
2,3-Dimethylpentane	0.74	Not Detected	3.0	Not Detected
2,2,4-Trimethylpentane	0.74	0.98	3.5	4.6
Indene	0.74	Not Detected	3.5	Not Detected
Indan	0.74	Not Detected	3.6	Not Detected
Thiophene	0.74	Not Detected	2.6	Not Detected
2-Propanol	0.74	Not Detected	1.8	Not Detected

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount (ppbv)
Methane, trifluoro-	75-46-7	3.0%	420 N J
Propane, 2-methyl-	75-28-5	59%	22 N J
Butane	106-97-8	80%	420 N J
Pentane	109-66-0	90%	12 N J
.alpha.-Pinene	80-56-8	94%	9.8 N J
Camphene	79-92-5	50%	13 N J
.beta.-Pinene	127-91-3	93%	8.6 N J

Air Toxics LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: SV01

Lab ID#: 0611379-01A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**7112912**	**Date of Collection:**	**11/14/06**
Dil. Factor:	**1.49**	**Date of Analysis:**	**11/29/06 08:30 PM**

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount (ppbv)
Limonene	138-86-3	94%	10 N J
Benzene, 1-methyl-2-(1-methylethyl)-	527-84-4	94%	12 N J
Bicyclo[2.2.1]heptan-2-one, 1,7,7-trimet	21368-68-3	95%	10 N J

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	100	70-130
4-Bromofluorobenzene	101	70-130
Toluene-d8	97	70-130

Air Toxics LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: SV02

Lab ID#: 0611379-02A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	7112914	Date of Collection:	11/14/06
Dil. Factor:	1.46	Date of Analysis:	11/29/06 10:26 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.15	0.79	0.72	3.9
Freon 114	0.15	Not Detected	1.0	Not Detected
Chloromethane	0.15	Not Detected	0.30	Not Detected
Vinyl Chloride	0.15	Not Detected	0.37	Not Detected
Bromomethane	0.15	Not Detected	0.57	Not Detected
Chloroethane	0.15	Not Detected	0.38	Not Detected
Freon 11	0.15	3.7	0.82	20
1,1-Dichloroethene	0.15	Not Detected	0.58	Not Detected
Freon 113	0.15	Not Detected	1.1	Not Detected
Methylene Chloride	0.15	0.43 J	0.51	1.5 J
1,1-Dichloroethane	0.15	Not Detected	0.59	Not Detected
cis-1,2-Dichloroethene	0.15	Not Detected	0.58	Not Detected
Chloroform	0.15	0.34	0.71	1.7
1,1,1-Trichloroethane	0.15	Not Detected	0.80	Not Detected
Carbon Tetrachloride	0.15	Not Detected	0.92	Not Detected
Benzene	0.15	0.61	0.47	2.0
1,2-Dichloroethane	0.15	Not Detected	0.59	Not Detected
Trichloroethene	0.15	Not Detected	0.78	Not Detected
1,2-Dichloropropane	0.15	Not Detected	0.67	Not Detected
cis-1,3-Dichloropropene	0.15 UJ	Not Detected	0.66 UJ	Not Detected
Toluene	0.15	6.2	0.55	23
trans-1,3-Dichloropropene	0.15	Not Detected	0.66	Not Detected
1,1,2-Trichloroethane	0.15	Not Detected	0.80	Not Detected
Tetrachloroethene	0.15	0.14 J	0.99	0.96 J
1,2-Dibromoethane (EDB)	0.15	Not Detected	1.1	Not Detected
Chlorobenzene	0.15	Not Detected	0.67	Not Detected
Ethyl Benzene	0.15	0.53 J	0.63	2.3 J
m,p-Xylene	0.15	1.7 J	0.63	7.2 J
o-Xylene	0.15	0.68 J	0.63	3.0 J
Styrene	0.15	0.22	0.62	0.96
1,1,2,2-Tetrachloroethane	0.15	Not Detected	1.0	Not Detected
1,3,5-Trimethylbenzene	0.15	0.25	0.72	1.2
1,2,4-Trimethylbenzene	0.15	0.68 J	0.72	3.3 J
1,3-Dichlorobenzene	0.15	Not Detected	0.88	Not Detected
1,4-Dichlorobenzene	0.15	Not Detected	0.88	Not Detected
alpha-Chlorotoluene	0.15	Not Detected	0.76	Not Detected
1,2-Dichlorobenzene	0.15	Not Detected	0.88	Not Detected
1,2,4-Trichlorobenzene	0.73	Not Detected	5.4	Not Detected
Hexachlorobutadiene	0.73	Not Detected	7.8	Not Detected

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Air Toxics LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: SV02

Lab ID#: 0611379-02A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	7112914	**Date of Collection:**	11/14/06
Dil. Factor:	1.46	**Date of Analysis:**	11/29/06 10:26 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Propylene	0.73	Not Detected	1.2	Not Detected
1,3-Butadiene	0.73	Not Detected	1.6	Not Detected
Acetone	0.73	20 J	1.7	48 J
Carbon Disulfide	0.73	1.5	2.3	4.8
trans-1,2-Dichloroethene	0.73	Not Detected	2.9	Not Detected
2-Butanone (Methyl Ethyl Ketone)	0.73	2.2 J	2.2	6.4 J
Hexane	0.73	0.76	2.6	2.7
Tetrahydrofuran	0.73	Not Detected	2.2	Not Detected
Cyclohexane	0.73	Not Detected	2.5	Not Detected
1,4-Dioxane	0.73	Not Detected	2.6	Not Detected
Bromodichloromethane	0.73	Not Detected	4.9	Not Detected
4-Methyl-2-pentanone	0.73	Not Detected	3.0	Not Detected
2-Hexanone	0.73	Not Detected	3.0	Not Detected
Dibromochloromethane	0.73	Not Detected	6.2	Not Detected
Bromoform	0.73	Not Detected	7.5	Not Detected
4-Ethyltoluene	0.73	Not Detected	3.6	Not Detected
Ethanol	0.73	2.3	1.4	4.3
Methyl tert-butyl ether	0.73	Not Detected	2.6	Not Detected
Heptane	0.73	Not Detected	3.0	Not Detected
Naphthalene	0.73	0.83 J	3.8	4.3 J
2-Methylpentane	0.73	1.1 J	2.6	3.9 J
Isopentane	0.73	3.2 J	2.2	9.5 J
2,3-Dimethylpentane	0.73	Not Detected	3.0	Not Detected
2,2,4-Trimethylpentane	0.73	Not Detected	3.4	Not Detected
Indene	0.73	Not Detected	3.5	Not Detected
Indan	0.73	Not Detected	3.5	Not Detected
Thiophene	0.73	Not Detected	2.5	Not Detected
2-Propanol	0.73	0.89	1.8	2.2

J = Estimated value.

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount (ppbv)
Methane, trifluoro-	75-46-7	3.0%	160 N J
Ethane, 1,1,1-trifluoro-	420-46-2	4.0%	3.1 N J
Butane	106-97-8	72%	26 N J
Acetaldehyde	75-07-0	64%	2.8 N J
Pentane	109-66-0	80%	3.4 N J
Camphene	79-92-5	90%	4.1 N J

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Air Toxics LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: SV02

Lab ID#: 0611379-02A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	7112914	Date of Collection:	11/14/06
Dil. Factor:	1.46	Date of Analysis:	11/29/06 10:26 PM

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount (ppbv)
Benzene, 1,2,3,4-tetramethyl-	488-23-3	91%	6.9 N J
Bicyclo[2.2.1]heptan-2-ol, 1,3,3-trimeth	1632-73-1	64%	3.1 N J
Camphor	76-22-2	96%	3.8 N J
Benzene, 1-methoxy-4-(2-propenyl)-	140-67-0	98%	4.7 N J

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	98	70-130
4-Bromofluorobenzene	93	70-130
Toluene-d8	94	70-130

Air Toxics LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: SV02 Dup

Lab ID#: 0611379-03A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**7112915**	**Date of Collection:**	**11/14/06**
Dil. Factor:	**1.49**	**Date of Analysis:**	**11/29/06 11:19 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.15	0.73	0.74	3.6
Freon 114	0.15	Not Detected	1.0	Not Detected
Chloromethane	0.15	Not Detected	0.31	Not Detected
Vinyl Chloride	0.15	Not Detected	0.38	Not Detected
Bromomethane	0.15	Not Detected	0.58	Not Detected
Chloroethane	0.15	Not Detected	0.39	Not Detected
Freon 11	0.15	3.7	0.84	21
1,1-Dichloroethene	0.15	Not Detected	0.59	Not Detected
Freon 113	0.15	Not Detected	1.1	Not Detected
Methylene Chloride	0.15 UJ	Not Detected	0.52 UJ	Not Detected
1,1-Dichloroethane	0.15	Not Detected	0.60	Not Detected
cis-1,2-Dichloroethene	0.15	Not Detected	0.59	Not Detected
Chloroform	0.15	0.36	0.73	1.8
1,1,1-Trichloroethane	0.15	Not Detected	0.81	Not Detected
Carbon Tetrachloride	0.15	Not Detected	0.94	Not Detected
Benzene	0.15	0.54	0.48	1.7
1,2-Dichloroethane	0.15	Not Detected	0.60	Not Detected
Trichloroethene	0.15	Not Detected	0.80	Not Detected
1,2-Dichloropropane	0.15	Not Detected	0.69	Not Detected
cis-1,3-Dichloropropene	0.15 UJ	Not Detected	0.68 UJ	Not Detected
Toluene	0.15	5.4	0.56	20
trans-1,3-Dichloropropene	0.15	Not Detected	0.68	Not Detected
1,1,2-Trichloroethane	0.15	Not Detected	0.81	Not Detected
Tetrachloroethene	0.15	Not Detected	1.0	Not Detected
1,2-Dibromoethane (EDB)	0.15	Not Detected	1.1	Not Detected
Chlorobenzene	0.15	Not Detected	0.68	Not Detected
Ethyl Benzene	0.15	0.37 J	0.65	1.6 J
m,p-Xylene	0.15	1.1 J	0.65	5.0 J
o-Xylene	0.15	0.48 J	0.65	2.1 J
Styrene	0.15	0.21	0.63	0.91
1,1,2,2-Tetrachloroethane	0.15	Not Detected	1.0	Not Detected
1,3,5-Trimethylbenzene	0.15	0.16	0.73	0.81
1,2,4-Trimethylbenzene	0.15	0.32 J	0.73	1.6 J
1,3-Dichlorobenzene	0.15	Not Detected	0.90	Not Detected
1,4-Dichlorobenzene	0.15	Not Detected	0.90	Not Detected
alpha-Chlorotoluene	0.15	Not Detected	0.77	Not Detected
1,2-Dichlorobenzene	0.15	Not Detected	0.90	Not Detected
1,2,4-Trichlorobenzene	0.74	Not Detected	5.5	Not Detected
Hexachlorobutadiene	0.74	Not Detected	7.9	Not Detected

Air Toxics LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: SV02 Dup

Lab ID#: 0611379-03A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**7112915**	**Date of Collection:**	**11/14/06**
Dil. Factor:	**1.49**	**Date of Analysis:**	**11/29/06 11:19 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Propylene	0.74	Not Detected	1.3	Not Detected
1,3-Butadiene	0.74	Not Detected	1.6	Not Detected
Acetone	0.74	30 J	1.8	70 J
Carbon Disulfide	0.74	1.8	2.3	5.6
trans-1,2-Dichloroethene	0.74	Not Detected	3.0	Not Detected
2-Butanone (Methyl Ethyl Ketone)	0.74	3.3 J	2.2	9.8 J
Hexane	0.74	Not Detected	2.6	Not Detected
Tetrahydrofuran	0.74	Not Detected	2.2	Not Detected
Cyclohexane	0.74	Not Detected	2.6	Not Detected
1,4-Dioxane	0.74	Not Detected	2.7	Not Detected
Bromodichloromethane	0.74	Not Detected	5.0	Not Detected
4-Methyl-2-pentanone	0.74	Not Detected	3.0	Not Detected
2-Hexanone	0.74	Not Detected	3.0	Not Detected
Dibromochloromethane	0.74	Not Detected	6.3	Not Detected
Bromoform	0.74	Not Detected	7.7	Not Detected
4-Ethyltoluene	0.74	Not Detected	3.7	Not Detected
Ethanol	0.74	2.5	1.4	4.7
Methyl tert-butyl ether	0.74	Not Detected	2.7	Not Detected
Heptane	0.74	Not Detected	3.0	Not Detected
Naphthalene	0.74 UJ	Not Detected	3.9 UJ	Not Detected
2-Methylpentane	0.74 UJ	Not Detected	2.6 UJ	Not Detected
Isopentane	0.74	1.5 J	2.2	4.4 J
2,3-Dimethylpentane	0.74	Not Detected	3.0	Not Detected
2,2,4-Trimethylpentane	0.74	Not Detected	3.5	Not Detected
Indene	0.74	Not Detected	3.5	Not Detected
Indan	0.74	Not Detected	3.6	Not Detected
Thiophene	0.74	Not Detected	2.6	Not Detected
2-Propanol	0.74	1.1	1.8	2.7

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount (ppbv)
1-Propene, 1,1,3,3,3-pentafluoro-2-(trif	382-21-8	87%	5.8 N J
Methane, trifluoro-	75-46-7	3.0%	380 N J
Propane, 2-methyl-	75-28-5	50%	2.6 N J
1,5-Heptadiene, 3,3-dimethyl-, (E)-	67682-47-7	4.0%	7.7 N J
Acetaldehyde	75-07-0	86%	6.8 N J
Camphene	79-92-5	86%	5.3 N J
Benzene, methyl(1-methylethyl)-	25155-15-1	91%	7.9 N J

Air Toxics LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: SV02 Dup

Lab ID#: 0611379-03A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**7112915**	**Date of Collection: 11/14/06**	
Dil. Factor:	**1.49**	**Date of Analysis: 11/29/06 11:19 PM**	

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount (ppbv)
Bicyclo[2.2.1]heptan-2-ol, 1,3,3-trimeth	1632-73-1	95%	4.1 N J
Camphor	76-22-2	96%	8.2 N J
Benzene, 1-methoxy-4-(2-propenyl)-	140-67-0	95%	4.9 N J

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	98	70-130
4-Bromofluorobenzene	96	70-130
Toluene-d8	93	70-130

Air Toxics LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: SV03

Lab ID#: 0611379-04A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**7112916**	**Date of Collection:**	**11/14/06**
Dil. Factor:	**1.44**	**Date of Analysis:**	**11/30/06 12:12 AM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.14	1.1	0.71	5.5
Freon 114	0.14	Not Detected	1.0	Not Detected
Chloromethane	0.14	Not Detected	0.30	Not Detected
Vinyl Chloride	0.14	Not Detected	0.37	Not Detected
Bromomethane	0.14	Not Detected	0.56	Not Detected
Chloroethane	0.14	Not Detected	0.38	Not Detected
Freon 11	0.14	2.0	0.81	11
1,1-Dichloroethene	0.14	Not Detected	0.57	Not Detected
Freon 113	0.14	Not Detected	1.1	Not Detected
Methylene Chloride	0.14 UJ	Not Detected	0.50 UJ	Not Detected
1,1-Dichloroethane	0.14	Not Detected	0.58	Not Detected
cis-1,2-Dichloroethene	0.14	Not Detected	0.57	Not Detected
Chloroform	0.14	1.5	0.70	7.4
1,1,1-Trichloroethane	0.14	0.44	0.78	2.4
Carbon Tetrachloride	0.14	Not Detected	0.91	Not Detected
Benzene	0.14	0.20	0.46	0.62
1,2-Dichloroethane	0.14	Not Detected	0.58	Not Detected
Trichloroethene	0.14	Not Detected	0.77	Not Detected
1,2-Dichloropropane	0.14	Not Detected	0.66	Not Detected
cis-1,3-Dichloropropene	0.14 UJ	Not Detected	0.65 UJ	Not Detected
Toluene	0.14	2.5	0.54	9.5
trans-1,3-Dichloropropene	0.14	Not Detected	0.65	Not Detected
1,1,2-Trichloroethane	0.14	Not Detected	0.78	Not Detected
Tetrachloroethene	0.14	Not Detected	0.98	Not Detected
1,2-Dibromoethane (EDB)	0.14	Not Detected	1.1	Not Detected
Chlorobenzene	0.14	Not Detected	0.66	Not Detected
Ethyl Benzene	0.14	0.17	0.62	0.75
m,p-Xylene	0.14	0.48	0.62	2.1
o-Xylene	0.14	0.19	0.62	0.81
Styrene	0.14	Not Detected	0.61	Not Detected
1,1,2,2-Tetrachloroethane	0.14	Not Detected	0.99	Not Detected
1,3,5-Trimethylbenzene	0.14	Not Detected	0.71	Not Detected
1,2,4-Trimethylbenzene	0.14	0.19 J	0.71	0.93 J
1,3-Dichlorobenzene	0.14	Not Detected	0.86	Not Detected
1,4-Dichlorobenzene	0.14	Not Detected	0.86	Not Detected
alpha-Chlorotoluene	0.14	Not Detected	0.74	Not Detected
1,2-Dichlorobenzene	0.14	Not Detected	0.86	Not Detected
1,2,4-Trichlorobenzene	0.72	Not Detected	5.3	Not Detected
Hexachlorobutadiene	0.72	Not Detected	7.7	Not Detected

0180

Air Toxics LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: SV03

Lab ID#: 0611379-04A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	7112916	Date of Collection:	11/14/06
Dil. Factor:	1.44	Date of Analysis:	11/30/06 12:12 AM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Propylene	0.72	Not Detected	1.2	Not Detected
1,3-Butadiene	0.72	Not Detected	1.6	Not Detected
Acetone	0.72	11	1.7	25
Carbon Disulfide	0.72	Not Detected	2.2	Not Detected
trans-1,2-Dichloroethene	0.72	Not Detected	2.8	Not Detected
2-Butanone (Methyl Ethyl Ketone)	0.72	1.2	2.1	3.4
Hexane	0.72	Not Detected	2.5	Not Detected
Tetrahydrofuran	0.72	Not Detected	2.1	Not Detected
Cyclohexane	0.72	Not Detected	2.5	Not Detected
1,4-Dioxane	0.72	Not Detected	2.6	Not Detected
Bromodichloromethane	0.72	Not Detected	4.8	Not Detected
4-Methyl-2-pentanone	0.72	Not Detected	2.9	Not Detected
2-Hexanone	0.72	Not Detected	2.9	Not Detected
Dibromochloromethane	0.72	Not Detected	6.1	Not Detected
Bromoform	0.72	Not Detected	7.4	Not Detected
4-Ethyltoluene	0.72	Not Detected	3.5	Not Detected
Ethanol	0.72	Not Detected	1.4	Not Detected
Methyl tert-butyl ether	0.72	Not Detected	2.6	Not Detected
Heptane	0.72	Not Detected	3.0	Not Detected
Naphthalene	0.72	Not Detected	3.8	Not Detected
2-Methylpentane	0.72	Not Detected	2.5	Not Detected
Isopentane	0.72	Not Detected	2.1	Not Detected
2,3-Dimethylpentane	0.72	Not Detected	3.0	Not Detected
2,2,4-Trimethylpentane	0.72	Not Detected	3.4	Not Detected
Indene	0.72	Not Detected	3.4	Not Detected
Indan	0.72	Not Detected	3.5	Not Detected
Thiophene	0.72	Not Detected	2.5	Not Detected
2-Propanol	0.72	Not Detected	1.8	Not Detected

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount (ppbv)
1-Propene, 1,1,3,3,3-pentafluoro-2-(trif	382-21-8	78%	8.1 N J
Methane, trifluoro-	75-46-7	3.0%	470 N J
Propane, 1,1,1,3,3,3-hexafluoro-	690-39-1	50%	3.7 N J
Ethane, 1-chloro-1,1-difluoro-	75-68-3	35%	23 N J
Butane	106-97-8	52%	9.4 N J
Acetaldehyde	75-07-0	86%	3.9 N J
1,3,6-Heptatriene, 2,5,5-trimethyl-	29548-02-5	91%	9.0 N J

Air Toxics LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: SV03

Lab ID#: 0611379-04A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	7112916	Date of Collection:	11/14/06
Dil. Factor:	1.44	Date of Analysis:	11/30/06 12:12 AM

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount (ppbv)
Bicyclo[2.2.1]heptan-2-one, 1,3,3-trimet	4695-62-9	91%	4.1 N J
Bicyclo[2.2.1]heptan-2-ol, 1,3,3-trimeth	1632-73-1	96%	3.5 N J
Camphor	76-22-2	96%	15 N J

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	97	70-130
4-Bromofluorobenzene	95	70-130
Toluene-d8	95	70-130

Air Toxics LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: SV04

Lab ID#: 0611379-05A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**7112917**	**Date of Collection:**	**11/14/06**
Dil. Factor:	**1.49**	**Date of Analysis:**	**11/30/06 01:00 AM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.15	0.39	0.74	1.9
Freon 114	0.15	Not Detected	1.0	Not Detected
Chloromethane	0.15	Not Detected	0.31	Not Detected
Vinyl Chloride	0.15	Not Detected	0.38	Not Detected
Bromomethane	0.15	Not Detected	0.58	Not Detected
Chloroethane	0.15	Not Detected	0.39	Not Detected
Freon 11	0.15	0.39	0.84	2.2
1,1-Dichloroethene	0.15	Not Detected	0.59	Not Detected
Freon 113	0.15	Not Detected	1.1	Not Detected
Methylene Chloride	0.15	5.8 J	0.52	20 J
1,1-Dichloroethane	0.15	Not Detected	0.60	Not Detected
cis-1,2-Dichloroethene	0.15	Not Detected	0.59	Not Detected
Chloroform	0.15	0.72	0.73	3.5
1,1,1-Trichloroethane	0.15	Not Detected	0.81	Not Detected
Carbon Tetrachloride	0.15	Not Detected	0.94	Not Detected
Benzene	0.15	1.7	0.48	5.6
1,2-Dichloroethane	0.15	Not Detected	0.60	Not Detected
Trichloroethene	0.15	Not Detected	0.80	Not Detected
1,2-Dichloropropane	0.15	Not Detected	0.69	Not Detected
cis-1,3-Dichloropropene	0.15 UJ	Not Detected	0.68 UJ	Not Detected
Toluene	0.15	20	0.56	74
trans-1,3-Dichloropropene	0.15	Not Detected	0.68	Not Detected
1,1,2-Trichloroethane	0.15	Not Detected	0.81	Not Detected
Tetrachloroethene	0.15	0.30	1.0	2.0
1,2-Dibromoethane (EDB)	0.15	Not Detected	1.1	Not Detected
Chlorobenzene	0.15	Not Detected	0.68	Not Detected
Ethyl Benzene	0.15	1.2	0.65	5.2
m,p-Xylene	0.15	3.8	0.65	17
o-Xylene	0.15	1.2	0.65	5.4
Styrene	0.15	0.76	0.63	3.2
1,1,2,2-Tetrachloroethane	0.15	Not Detected	1.0	Not Detected
1,3,5-Trimethylbenzene	0.15	0.52	0.73	2.6
1,2,4-Trimethylbenzene	0.15	1.5 J	0.73	7.3 J
1,3-Dichlorobenzene	0.15	Not Detected	0.90	Not Detected
1,4-Dichlorobenzene	0.15	Not Detected	0.90	Not Detected
alpha-Chlorotoluene	0.15	Not Detected	0.77	Not Detected
1,2-Dichlorobenzene	0.15	Not Detected	0.90	Not Detected
1,2,4-Trichlorobenzene	0.74	Not Detected	5.5	Not Detected
Hexachlorobutadiene	0.74	Not Detected	7.9	Not Detected

Air Toxics LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: SV04

Lab ID#: 0611379-05A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**7112917**	**Date of Collection:**	**11/14/06**
Dil. Factor:	**1.49**	**Date of Analysis:**	**11/30/06 01:00 AM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Propylene	0.74	Not Detected	1.3	Not Detected
1,3-Butadiene	0.74	Not Detected	1.6	Not Detected
Acetone	0.74	20	1.8	47
Carbon Disulfide	0.74	5.1	2.3	16
trans-1,2-Dichloroethene	0.74	Not Detected	3.0	Not Detected
2-Butanone (Methyl Ethyl Ketone)	0.74	2.4	2.2	7.1
Hexane	0.74	56	2.6	200
Tetrahydrofuran	0.74	Not Detected	2.2	Not Detected
Cyclohexane	0.74	Not Detected	2.6	Not Detected
1,4-Dioxane	0.74	Not Detected	2.7	Not Detected
Bromodichloromethane	0.74	Not Detected	5.0	Not Detected
4-Methyl-2-pentanone	0.74	Not Detected	3.0	Not Detected
2-Hexanone	0.74	Not Detected	3.0	Not Detected
Dibromochloromethane	0.74	Not Detected	6.3	Not Detected
Bromoform	0.74	Not Detected	7.7	Not Detected
4-Ethyltoluene	0.74	1.1	3.7	5.6
Ethanol	0.74	Not Detected	1.4	Not Detected
Methyl tert-butyl ether	0.74	Not Detected	2.7	Not Detected
Heptane	0.74	14	3.0	56
Naphthalene	0.74	Not Detected	3.9	Not Detected
2-Methylpentane	0.74	46	2.6	160
Isopentane	0.74	54	2.2	160
2,3-Dimethylpentane	0.74	11	3.0	44
2,2,4-Trimethylpentane	0.74	2.1	3.5	9.8
Indene	0.74	Not Detected	3.5	Not Detected
Indan	0.74	Not Detected	3.6	Not Detected
Thiophene	0.74	Not Detected	2.6	Not Detected
2-Propanol	0.74	Not Detected	1.8	Not Detected

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount (ppbv)
Ethanol, 2,2,2-trifluoro-	75-89-8	4.0%	650 N J
Propane, 2-methyl-	75-28-5	59%	25 N J
Butane	106-97-8	80%	270 N J
Pentane	109-66-0	90%	77 N J
2-Pentene	109-68-2	87%	12 N J
Pentane, 3-methyl-	96-14-0	90%	44 N J
Hexane, 3-methyl-	589-34-4	91%	33 N J

Air Toxics LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: SV04

Lab ID#: 0611379-05A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**7112917**	**Date of Collection: 11/14/06**	
Dil. Factor:	**1.49**	**Date of Analysis: 11/30/06 01:00 AM**	

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount (ppbv)
Hexane, 2,3-dimethyl-	584-94-1	59%	13 N J
Benzene, 1-methyl-2-(1-methylethyl)-	527-84-4	94%	25 N J
Camphor	76-22-2	96%	24 N J

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	97	70-130
4-Bromofluorobenzene	97	70-130
Toluene-d8	97	70-130

2006 DUSR

Data Usability Summary Report

DATE: January 22, 2007

TO: Mr. James Edwards
The RETEC Group, Inc.
1001 West Seneca Street, Suite 204
Ithaca, NY 14850

FROM: Gretchen Phipps and Gregory A. Malzone
Data Validators

SUBJECT: National Grid – Schenectady MGP
October-November 2006 Air, Soil Gas, Soil, and Groundwater Sampling Events

Data Validation:

Air Toxics LTD. Work Order No.: 0611379

Severn Trent Laboratories, Inc. Lot Nos.: C6K030390
C6K060148
C6K080197
C6K100374
C6K300215

Overview

Soil, groundwater, ambient air, and soil gas samples were collected at the Schenectady MGP site on October 31 – November 29, 2006. The table below lists the samples collected for this project.

Schenectady MGP Sample Submittals
October – November 2006

Laboratory SDG	Client Sample ID	Laboratory Sample ID	Matrix	Date Collected
C6K030390	TP7S (7.5) (HORZ 0-10)	C6K030390-001	Soil	10/31/2006
	TP5 (7) (HORZ 15)	C6K030390-002	Soil	11/1/2006
	SB-13 (0-11)	C6K030390-003	Soil	11/1/2006
	SB-18 (10-11)	C6K030390-004	Soil	11/1/2006
	SB-18 (18.5-20)	C6K030390-005	Soil	11/1/2006
	SB-21 (9-10)	C6K030390-006	Soil	11/1/2006
	SB-24 (13.5-14.5)	C6K030390-007	Soil	11/1/2006
	SB-24 (20-21)	C6K030390-008	Soil	11/1/2006
	SB-24 (20-21)MS	C6K030390-008MS	Soil (QC)	11/1/2006
	SB-24 (20-21)MSD	C6K030390-008MSD	Soil (QC)	11/1/2006
	SB-19 (23-24.5)	C6K030390-009	Soil	11/1/2006
	SB-20 (30-32.5)	C6K030390-010	Soil	11/1/2006
	SB-20 (38.5-40)	C6K030390-011	Soil	11/1/2006
	SB-20 (16.5-18)	C6K030390-012	Soil	11/2/2006
C6K060148	SB23 (10-15)	C6K060148-001	Soil	11/3/2006
	SB23 (6-7)	C6K060148-002	Soil	11/3/2006
	SB25 (18-19.5)	C6K060148-003	Soil	11/3/2006
	SB22 (18-20)	C6K060148-004	Soil	11/3/2006
	SB220 (18-20)[1]	C6K060148-005	Soil (QC)	11/3/2006
	SB15 (34-35)	C6K060148-006	Soil	11/3/2006
C6K080197	SB16 (35-37)	C6K080197-001	Soil	11/6/2006
	SB16 (49-50)	C6K080197-002	Soil	11/6/2006
	SB14 (38-40)	C6K080197-003	Soil	11/6/2006
	SB14 (15-17.5)	C6K080197-004	Soil	11/6/2006
	SB11 (20-22)	C6K080197-005	Soil	11/7/2006
	SB11 (20-22)MS	C6K080197-005MS	Soil (QC)	11/7/2006
	SB11 (20-22)MSD	C6K080197-005MSD	Soil (QC)	11/7/2006
	SB11 (38-40)	C6K080197-006	Soil	11/7/2006
	SB10 (10.5-11.5)	C6K080197-007	Soil	11/7/2006
	SB10 (28-30)	C6K080197-008	Soil	11/7/2006

Schenectady MGP Sample Submittals (Cont'd)
October – November 2006

Laboratory SDG	Client Sample ID	Laboratory Sample ID	Matrix	Date Collected
C6K100374	SB12 (25-26)	C6K100374-001	Soil	11/8/2006
	SB12 (38-40)	C6K100374-002	Soil	11/8/2006
	SB13 (37-39)	C6K100374-003	Soil	11/9/2006
	SB130 (37-39)[2]	C6K100374-004	Soil (QC)	11/9/2006
0611379	SV01	0611379-01	Soil Gas	11/14/2006
	SV02	0611379-02	Soil Gas	11/14/2006
	SV02 DUP[3]	0611379-03	Soil Gas (QC)	11/14/2006
	SV03	0611379-04	Soil Gas	11/14/2006
	SV04	0611379-05	Soil Gas	11/14/2006
	AMB01	0611379-06	Ambient Air	11/14/2006
C6K300215	MW06	C6K300215-001	Aqueous	11/28/2006
	MW05	C6K300215-002	Aqueous	11/28/2006
	MW10	C6K300215-003	Aqueous	11/28/2006
	MW02 (04)	C6K300215-004	Aqueous	11/28/2006
	MW03 (04)	C6K300215-005	Aqueous	11/28/2006
	MW03 (04)MS	C6K300215-005MS	Aqueous (QC)	11/28/2006
	MW03 (04)MSD	C6K300215-005MSD	Aqueous (QC)	11/28/2006
	MW07	C6K300215-006	Aqueous	11/28/2006
	MW01 (04)	C6K300215-007	Aqueous	11/29/2006
	MW09	C6K300215-008	Aqueous	11/29/2006
	MW08	C6K300215-009	Aqueous	11/29/2006
	MW080[4]	C6K300215-010	Aqueous (QC)	11/29/2006
	TB (112806)[5]	C6K300215-011	Aqueous (QC)	11/28/2006
	EB (112806)	C6K300215-012	Aqueous (QC)	11/29/2006

[1]: Sample SB220 (18-20) is the field duplicate of sample SB22 (18-20).
[2]: Sample SB130 (37-39) is the field duplicate of sample SB13 (37-39).
[3]: Sample SV02 DUP is the field duplicate of sample SV02.
[4]: Sample MW080 is the field duplicate of sample MW08.
[5]: The trip blank sample required GC/MS volatiles analysis only.

Air Toxics, LTD., 180 Blue Ravine Road, Suite B, Folsom, CA 95630 analyzed the ambient air and soil gas samples for Volatile Organic Compounds (VOCs) using USEPA Compendium Method TO-15.

The groundwater and soil samples were analyzed by Severn Trent Laboratories, Inc., 301 Alpha Drive, Pittsburgh, PA 15238 using the following methodology.

- Volatile Organic Compounds by USEPA SW-846 Method 8260B
- Semivolatile Organic Compounds by USEPA SW-846 Method 8270C
- Trace Metals by USEPA SW-846 Methods 6010B, 7470A, and 7471A
- Total Cyanide by USEPA SW-846 Method 9012A

- Percent Solids for Dry Weight Corrections by MCAWW Method 160.3 mod.

Summary

Data quality for the organic analyses was evaluated by reviewing the following parameters: holding times, GC/MS tuning and performance, internal standards, initial and continuing calibrations, surrogate recoveries, laboratory control standards (LCSs), matrix spikes (MSs), matrix spike duplicates (MSDs), laboratory blanks, laboratory duplicates, field duplicates, compound identification, and compound quantitation.

Inorganic data quality was evaluated by reviewing the following parameters: holding times, initial calibrations, continuing calibration verification standard recoveries, contract required detection limit standard recoveries, LCSs, MSs, MSDs, post-digestion spikes (PDSs), ICP interference check sample recoveries, ICP serial dilution results, laboratory and field blanks, and compound quantitation..

The data summary reports attached as Appendix A were revised to include the data validation qualifiers. All USEPA-defined data qualifiers and changes made by the data evaluators were added in red ink. A glossary of data qualifier definitions is included as Attachment 1.

All samples were analyzed successfully and the results are useable with some qualification. Completeness of 100% was achieved for this data set.

Each specific issue of concern with respect to data usability is addressed below. Support documentation for data qualifications was included in Appendix B. Specific page references were provided in each item header for the supporting documentation.

Volatile Organic Compounds

C6K030390

a. Blank Contamination (pp. 45-47): Methylene chloride was detected in the low-level soil (LLS) method blank associated with preparation batch 6310052 at an estimated concentration of 3.5 µg/Kg. Methylene chloride is a common laboratory solvent. **The methylene chloride results for associated samples TP7S (7.5) (HORZ 0-10), TP5 (7) (HORZ 15), SB-13 (0-11), SB-18 (10-11), SB-18 (18.5-20), SB-21 (9-10), SB-24 (13.5-14.5), SB-24 (20-21), SB-19 (23-24.5), SB-20 (38.5-40), and SB-20 (16.5-18) were estimated below the reporting limits. Each result was raised to the reporting limit and qualified "U," as undetected, because of laboratory contamination.**

b. Calibrations (pp. 1170-1173, 1175, 1216-1217, 1222-1224): The 09/21/06 LLS initial calibration relative standard deviation (RSD) for acetone was greater than the 30% specification limit on instrument HP3. In addition, the continuing calibration percent difference (%D) for acetone was less than the lower specification limit of -25% on instrument HP3 at 05:03 hrs. **The positive and nondetect acetone results for samples TP7S (7.5) (HORZ 0-10), TP5 (7) (HORZ 15), SB-13 (0-11), SB-18 (10-11), SB-18 (18.5-20), SB-21 (9-10), SB-24 (13.5-14.5), SB-24 (20-21), SB-19 (23-24.5), SB-20 (38.5-40), and SB-20 (16.5-18) were qualified, "J" and "UJ," respectively, because of low instrument bias.**

   The 11/08/06 medium-level soil (MLS) continuing calibration percent differences (%Ds) for chloroethane and acetone were greater than the upper specification limit of +25% on instrument HP3 at 05:02 hrs. Chloroethane and acetone were not detected in associated sample SB-20 (30-32.5). No data qualifications were required in response to the high instrument bias.

C6K060148

a. Blank Contamination (pp. 1165, 1171, 1177): Methylene chloride was detected in all method blanks at estimated concentrations of 2.1, 3.2, and 2.8 µg/Kg. Methylene chloride is a common laboratory solvent. **The methylene chloride results for all samples were estimated below the reporting limits. Each result was raised to the reporting limit and qualified "U," as undetected, because of laboratory contamination.**

b. Calibrations (pp. 1088, 1134-1135, 1140-1141, 1146): The 09/21/06 initial calibration RSDs for acetone and methyl acetate were greater than the 30% specification limit on instrument HP3 affecting all samples. In addition, the continuing calibration %Ds for dichlorodifluoromethane and methyl acetate were less than the lower specification limit of -25% and the %D for acetone was greater than 25% on instrument HP3 at 05:01 hrs on 11/09/06 affecting sample SB23 (10-13). The continuing calibration %D for methyl acetate was less than the lower specification limit of -25% and the %D for acetone was greater than +25% on instrument HP3 at 05:23 hrs on 11/10/06 affecting samples SB23 (6-7) and SB25 (18-19.5). The continuing calibration %D for acetone was greater than 25% on instrument HP3 at 22:03 hrs on 11/12/06 affecting samples SB22 (18-20), SB220 (18-20), and SB15 (34-35). **All positive acetone results were qualified, "J," because of high instrument bias. All associated methyl acetate and dichlorodifluoromethane results were nondetect and were qualified as estimated, "UJ," because of low instrument bias.**

c. Field Duplicates: Samples SB22 (18-20) and SB220 (18-20) were the primary and field duplicate soil samples collected for this sampling event. *USEPA National Functional Guidelines* do not require qualification based on field duplicate data alone. However, the positive results are presented below to assess field sampling/laboratory precision and sample homogeneity. **Several relative percent differences (RPDs) were greater than the maximum advisory limit of 50% for soils. The primary and field duplicate results were qualified "J" or "UJ," as estimates, because of field sampling/laboratory imprecision and/or sample heterogeneity.**

Field Duplicate Results Comparison
Schenectady MGP 2006 Sampling Event

Analyte	SB22 (18-20)	Units	SB220 (18-20)	Units	%RPD	Qualifiers
Acetone	52 J^2	µg/Kg	110 J^2	µg/Kg	72	**J/J**
Benzene	83	µg/Kg	71	µg/Kg	16	
2-Butanone	23 J	µg/Kg	41 J	µg/Kg	56	**J/J**
Ethylbenzene	150	µg/Kg	210	µg/Kg	33	
Isopropylbenzene	23 J	µg/Kg	13 J	µg/Kg	56	**J/J**
Xylenes (total)	230	µg/Kg	260	µg/Kg	12	
Toluene	7.3 J^1	µg/Kg	6.3 J^1	µg/Kg	15	

J/J: The results were qualified as estimates because the RPD exceeded the maximum advisory limit of 50% or the difference between the primary and field duplicate results was greater than twice the reporting limit for results less than five times the reporting limits. Field sampling/laboratory imprecision and/or sample heterogeneity was indicated.
J^1: The result was estimated between the method detection limit and the reporting limit.
J^2: Result was qualified as an estimate due to continuing calibration nonconformance.

C6K080197

a. Blank Contamination (p. 1200): Methylene chloride was detected in the method blank associated with preparation batch 6316062 at an estimated concentration of 2.8 µg/Kg. Methylene chloride is a common laboratory solvent. **The methylene chloride results for associated samples**

SB16 (49-50), SB14 (38-40), SB11 (20-22), SB11 (38-40), SB10 (10.5-11.5), and SB10 (28-30) were estimated below the reporting limits. Each result was raised to the reporting limit and qualified "U," as undetected, because of laboratory contamination.

b. Calibrations (pp. 1128, 1174, 1180): The 09/21/06 initial calibration RSDs for acetone and methyl acetate were greater than the 30% specification limit on instrument HP3 affecting all samples. In addition, the continuing calibration %D for acetone was greater than 25% on instrument HP3 at 22:03 hrs on 11/12/06 affecting samples SB16 (49-50), SB14 (38-40), SB11 (20-22), SB11 (38-40), SB10 (10.5-11.5), and SB10 (28-30). All methyl acetate and acetone results in the affected samples were nondetect. Therefore, validation action was not required.

The 11/14/06 continuing calibration %Ds for trichlorofluoromethane, methylene chloride, and 2-butanone were less than the lower specification limit of -25% on instrument HP3 at 08:37 hrs affecting samples SB16 (35-37) and SB14 (15-17.5). **All associated trichlorofluoromethane, methylene chloride, and 2-butanone results were nondetect and were qualified as estimated, "UJ," because of low instrument bias.**

c. Dilutions/Surrogate Recoveries (p. 1004): Due to high analyte concentrations, samples SB16 (35-37) and SB14 (15-17.5) were analyzed as medium level soils. Additionally, sample SB14 (15-17.5) was analyzed at a 10-fold dilution. All surrogates were diluted out of the 10-fold dilution of sample SB14 (15-17.5). All other quality control check results were acceptable. Validation action was not necessary.

C6K100374

a. Blank Contamination (pp. 1123, 1129): Methylene chloride was detected in the method blanks at estimated concentrations of 2.8 and 2.3 μg/Kg. Methylene chloride is a common laboratory solvent. **The methylene chloride results for all samples were estimated below the reporting limits. Each result was raised to the reporting limit and qualified "U," as undetected, because of laboratory contamination.**

b. Calibrations (pp. 1055, 1101, 1107): The 09/21/06 initial calibration RSDs for acetone and methyl acetate were greater than the 30% specification limit on instrument HP3 affecting all samples. In addition, the continuing calibration %D for acetone was greater than the upper specification limit of 25% on instrument HP3 at 22:03 hrs on 11/12/06 affecting samples SB12 (25-26) and SB13 (37-39). The continuing calibration %Ds for chloroethane and acetone were greater than 25% on instrument HP3 at 22:37 hrs on 11/13/06 affecting samples SB12 (38-400 and SB130 (37-39). All methyl acetate, acetone, and chloroethane results were nondetect. Therefore, validation action was not required.

c. Field Duplicates: Samples SB13 (37-39) and SB130 (37-39) were the primary and field duplicate soil samples collected for this sampling event. *USEPA National Functional Guidelines* do not require qualification based on field duplicate data alone. However, the positive results are presented below to assess field sampling/laboratory precision and sample homogeneity. **Several RPDs were greater than the maximum advisory limit of 50% for soils. The primary and field duplicate results were qualified "J" or "UJ," as estimates, because of field sampling/laboratory imprecision and/or sample heterogeneity.**

Field Duplicate Results Comparison
Schenectady MGP 2006 Sampling Event

Analyte	SB13 (37-39)	Units	SB130 (37-39)	Units	%RPD	Qualifiers
Benzene	7.3 J	µg/Kg	3.1 UJ	µg/Kg	NC	**J/UJ**
Ethylbenzene	11 J	µg/Kg	1.4 J[1]	µg/Kg	155	**J/J**
Xylenes (total)	28 J	µg/Kg	4.2 J[1]	µg/Kg	148	**J/J**
Toluene	10 J	µg/Kg	1.2 J[1]	µg/Kg	157	**J/J**

NC: The RPD could not be calculated.
J/UJ: The results are qualified as estimates because the RPD exceeded the maximum advisory limit of 50% or the difference between the primary and field duplicate results was greater than twice the reporting limit for results less than five times the reporting limits. Field sampling/laboratory imprecision and/or sample heterogeneity were indicated.
J[1]: The result was estimated between the method detection limit and the reporting limit.

0611379 (Air and Soil Gas Data)

a. Chain-of-Custody (pp. 600-601, 183): The canister ID number for sample 0611379-04A (SV03) was recorded incorrectly on the quantitation report as "99." ATL recorded the correct canister number in the analysis log as "33987." All other canister ID numbers were recorded and transcribed correctly. No validation action was required.

b. Laboratory Control Samples (pp. 516-519, 633): The percent recoveries (%Rs) for cis-1,3-dichloropropene and 1,2,4-trimethylbenzene were less than the lower quality control limit of 70% for LCS 0611379-09A. All samples were affected. All cis-1,3-dichloropropene results were nondetect and were qualified "UJ" and positive and nondetect results for 1,2,4-trimethylbenzene were qualified "J" and "UJ," respectively, as estimates, because of low method bias.

   The %R for naphthalene was greater than the upper quality control limit of 130% for LCS 0611379-09A. All samples were affected. The positive naphthalene result for sample SV02 was qualified "J," as an estimated concentration, because of high method bias.

c. Laboratory Replicate Precision (pp.51-53, 300-301): Sample SV01 was analyzed in duplicate to assess analytical precision. All calculated RPDs were within the maximum quality control limit of 20%, except for methylene chloride. Based on professional judgment, all methylene chloride positive and nondetect methylene chloride results were qualified "J" and "UJ," respectively, as estimates, because of method imprecision. Methylene chloride is a common laboratory solvent. Methylene chloride contamination may have affected the laboratory's ability to quantitate this compound.

d. Field Duplicates: Samples SV02 and SV02 Dup were the primary and field duplicate soil gas samples collected for this sampling event. *USEPA National Functional Guidelines* do not require qualification based on field duplicate data alone. However, the positive results are presented below to assess field sampling/laboratory precision and sample homogeneity. **Several RPDs were greater than the maximum advisory limit of 25%. The primary and field duplicate results were qualified "J" or "UJ," as estimates, because of field sampling/laboratory imprecision and/or sample heterogeneity.**

Field Duplicate Results Comparison
Schenectady MGP 2006 Sampling Event

Analyte	SV02	Units	SV02 Dup	Units	RPD (%)	Qualifier
Freon 12	0.79	ppbv	0.73	ppbv	8	
Freon 11	3.7	ppbv	3.7	ppbv	0	
Methylene Chloride	0.43 J	ppbv	0.15 UJ	ppbv	NC	**J/UJ**
Chloroform	0.34	ppbv	0.36	ppbv	6	
Benzene	0.61	ppbv	0.54	ppbv	12	
Toluene	6.2	ppbv	5.4	ppbv	14	
Tetrachloroethene	0.14 J^1	ppbv	0.15 U	ppbv	NC	±RL
Ethylbenzene	0.53 J	ppbv	0.37 J	ppbv	36	**J/J**
m,p-Xylene	1.7 J	ppbv	1.1 J	ppbv	43	**J/J**
o-Xylene	0.68 J	ppbv	0.48 J	ppbv	34	**J/J**
Styrene	0.22	ppbv	0.21	ppbv	5	
1,3,5-Trimethylbenzene	0.25	ppbv	0.16	ppbv	44	±RL
1,2,4-Trimethylbenzene	0.68 J	ppbv	0.32 J	ppbv	72	**J/J**
Acetone	20 J	ppbv	30 J	ppbv	40	**J/J**
Carbon Disulfide	1.5	ppbv	1.8	ppbv	18	
2-Butanone	2.2 J	ppbv	3.3 J	ppbv	40	**J/J**
Hexane	0.76	ppbv	0.74 U	ppbv	NC	
Ethanol	2.3	ppbv	2.5	ppbv	8	
Naphthalene	0.83 J	ppbv	0.74 UJ	ppbv	NC	**J/UJ**
2-Methylpentane	1.1 J	ppbv	0.74 UJ	ppbv	NC	**J/UJ**
Isopentane	3.2 J	ppbv	1.5 J	ppbv	72	**J/J**
2-Propanol	0.89	ppbv	1.1	ppbv	21	

NC: The RPD could not be calculated.
±RL: The difference between the primary and field duplicate results was less than twice the reporting limit for results less than five times the reporting limits. No data qualifications were required.
J/UJ: The results are qualified as estimates because the RPD exceeded the maximum advisory limit of 25% or the difference between the primary and field duplicate results was greater than twice the reporting limit for results less than five times the reporting limits. Field sampling/laboratory imprecision and/or sample heterogeneity was indicated.
J^1: The result was estimated between the method detection limit and the reporting limit.

C6K300215 (Groundwater Data)

a. Blank Contamination (pp. 39-40): Chloroform was detected in the equipment blank collected on 11/29/06 at an estimated concentration of 0.36 µg/L. The positive chloroform result for associated sample MW10 was greater than five times the blank level. **Based on professional judgment, the positive chloroform result for sample MW10 was qualified "J," as an estimated concentration, biased high, because of laboratory contamination.**

b. Dilutions/Surrogate Recoveries: Samples MW08 and MW080 required analysis at a secondary dilution to bring the analyte concentrations into the calibration range. The surrogate recoveries were acceptable. No data qualifications were required. The dilutions elevated the reporting limits for nondetect results.

c. Field Duplicates: Samples MW08 and MW080 were the primary and field duplicate groundwater samples collected for this sampling event. *USEPA National Functional Guidelines* do not require qualification based on field duplicate data alone. However, the positive results are presented

below to assess field sampling/laboratory precision and sample homogeneity. The RPDs were less than the maximum advisory limit of 30% for aqueous samples. No data qualifications were required.

Field Duplicate Results Comparison
Schenectady MGP 2006 Sampling Event

Analyte	MW08	Units	MW080	Units	RPD (%)	Qualifier
Benzene	30000	µg/L	31000	µg/L	3	
Toluene	8300	µg/L	8700	µg/L	5	
Ethylbenzene	2000 U	µg/L	230 J[1]	µg/L	NC	±RL
Total Xylenes	2400 J[1]	µg/L	2800	µg/L	15	
Styrene	590 J[1]	µg/L	640	µg/L	8	

NC: The RPD could not be calculated.
±RL: The difference between the primary and field duplicate results was less than twice the reporting limit for results less than five times the reporting limits. No data qualifications were required.
J[1]: The result was estimated between the method detection limit and the reporting limit.

Semivolatile Organic Compounds

C6K030390

Dilutions/Surrogate Recoveries (p. 93): Samples TP7S (7.5) (HORZ 0-10) and TP5 (7) (HORZ 15) required analysis at a 40-fold dilution to bring the analyte concentrations into the calibration range. The dilution was sufficiently high to dilute out the surrogates. Surrogate recoveries could not be used to evaluate method accuracy. The surrogate recoveries were acceptable for the method blank and LCS samples. No data qualifications were necessary based on professional judgment. The dilution elevated the reporting limits for nondetect results.

Sample SB-20 (30-32.5) required analysis at an initial three-fold and subsequent 15-fold dilution to bring the analyte concentrations into the calibration range and minimize matrix interference. The 15-fold dilution was sufficiently high to dilute out the surrogates. Surrogate recoveries could not be used to evaluate method accuracy. The surrogate recoveries were acceptable for the three-fold dilution analysis samples. No data qualifications were necessary based on professional judgment. The three-fold dilution elevated the reporting limits for nondetect results.

C6K060148

a. Exceedances / Dilutions (pp. Form 1s, 50-75): Samples SB23 (10-13) and SB23 (6-7) were analyzed at 10-fold dilutions due to high analyte concentrations.

   Sample SB25 (18-19.5) was analyzed at an initial 10-fold dilution due to high analyte concentrations. Naphthalene exceeded the instrument calibration range in the 10-fold dilution. The sample was analyzed at a secondary 20-fold dilution. The naphthalene result from the 20-fold dilution was transposed over the original result. All other results were reported from the original, 10-fold analysis. The 10-fold dilution elevated the reporting limits for nondetect results.

   Samples SB22 (18-20) and SB220 (18-20) were analyzed at initial five-fold dilutions due to high analyte concentrations. Naphthalene exceeded the instrument calibration range in the five-fold dilutions. The samples were analyzed at secondary 10-fold dilutions. The naphthalene results from the 10-fold dilutions were transposed over the original results. All other results were reported from the original, five-fold analyses. The five-fold dilution elevated the reporting limits for nondetect results.

b. Calibrations (pp. 2191, 2193, 2235, 2282, 2285): The 11/13/06 initial calibration RSD for benzaldehyde was greater than the 30% specification limit on instrument 732 affecting all original analyses. In addition, the continuing calibration %D for 2,2'-oxybis(1-chloropropane) was less than the lower specification limit of -25% and the %Ds for benzo(g,h,i)perylene and dibenz(a,h)anthracene were greater than 25% on instrument 732 at 10:47 hrs on 11/16/06 affecting all original analyses. All benzaldehyde results were nondetect. Therefore, validation action was not required for benzaldehyde. **All positive benzo(g,h,i)perylene and dibenz(a,h)anthracene results were qualified, "J," because of high instrument bias. All 2,2'-oxybis(1-chloropropane) results were nondetect and were qualified as estimated, "UJ," because of low instrument bias.**

The 11/20/06 initial calibration RSDs for benzaldehyde and 2,4-dinitrophenol were greater than the 30% specification limit on instrument 732 affecting all secondary dilutions. However, benzaldehyde and 2,4-dinitrophenol were not reported from the secondary dilutions. Therefore, validation action was not necessary.

c. Surrogates (p. 2003): All surrogates were diluted out of the secondary 20-fold dilution of sample SB25 (18-19.5). Surrogate recoveries were acceptable in the original analysis. Validation action was not necessary.

d. Field Duplicates: Samples SB22 (18-20) and SB220 (18-20) were the primary and field duplicate soil samples collected for this sampling event. *USEPA National Functional Guidelines* do not require qualification based on field duplicate data alone. However, the positive results are presented below to assess field sampling/laboratory precision and sample homogeneity. **Several RPDs were greater than the maximum advisory limit of 50% for soils. The primary and field duplicate results were qualified "J," as estimates, because of field sampling/laboratory imprecision and/or sample heterogeneity.**

Field Duplicate Results Comparison
Schenectady MGP 2006 Sampling Event

Analyte	SB22 (18-20)	Units	SB220 (18-20)	Units	%RPD	Qualifiers
Acenaphthene	450 J[1]	µg/Kg	220 J[1]	µg/Kg	69	**J/J**
Carbozole	260 J[1]	µg/Kg	110 J[1]	µg/Kg	81	**J/J**
Dibenzofuran	360 J[1]	µg/Kg	130 J[1]	µg/Kg	94	**J/J**
Fluorene	310 J[1]	µg/Kg	140 J[1]	µg/Kg	76	**J/J**
2-Methylnaphthalene	640 J[1]	µg/Kg	430 J[1]	µg/Kg	39	
Naphthalene	30000	µg/Kg	27000	µg/Kg	11	
Phenanthrene	360 J[1]	µg/Kg	190 J[1]	µg/Kg	62	**J/J**
Pyrene	95 J[1]	µg/Kg	3300 U	µg/Kg	NC	

NC: The RPD could not be calculated.
J/J: The results are qualified as estimates because the RPD exceeded the maximum advisory limit of 50% or the difference between the primary and field duplicate results was greater than twice the reporting limit for results less than five times the reporting limits. Field sampling/laboratory imprecision and/or sample heterogeneity was indicated.
J[1]: The result was estimated between the method detection limit and the reporting limit.

C6K080197

a. Exceedances / Dilutions (pp. Form 1s, 45-50, 57-62): Sample SB16 (35-37) was analyzed at an initial 20-fold dilution due to high analyte concentrations. Anthracene, benzo(a)anthracene, chrysene, fluoranthene, fluorene, 2-methylnaphthalene, naphthalene, phenanthrene, and pyrene exceeded the instrument calibration range in the 20-fold dilution. The sample was analyzed at a

secondary 500-fold dilution. The results for the aforementioned analytes from the 500-fold dilution were transposed over the original results. All other results were reported from the original, 20-fold analysis. The 20-fold dilution elevated the reporting limits for nondetect results.

Sample SB14 (15-17.5) was analyzed at an initial 20-fold dilution due to high analyte concentrations. Acenaphthylene, anthracene, fluoranthene, fluorene, 2-methylnaphthalene, naphthalene, phenanthrene, and pyrene exceeded the instrument calibration range in the 20-fold dilution. The sample was analyzed at a secondary 500-fold dilution. The results for the aforementioned analytes from the 500-fold dilution were transposed over the original results. All other results were reported from the original, 20-fold analysis. The 20-fold dilution elevated the reporting limits for nondetect results.

b. Calibrations (pp. 2223, 2264-2265, 2271, 2273): The 11/13/06 initial calibration RSD for benzaldehyde was greater than the 30% specification limit on instrument 732 affecting all samples. In addition, the continuing calibration %Ds for indeno(1,2,3-cd)pyrene and dibenz(a,h)anthracene were less than the lower specification limit of -25% and the %D for hexachlorocyclopentadiene was greater than 25% on instrument 732 at 09:19 hrs on 11/15/06 affecting samples SB16 (35-37), SB16 (49-50), SB14 (38-40), SB14 (15-17.5), and SB11 (20-22). The continuing calibration %D for 2,2'-oxybis(1-chloropropane) was less than the lower specification limit of -25% and the %Ds for benzo(g,h,i)perylene and dibenz(a,h)anthracene were greater than 25% on instrument 732 at 10:47 hrs on 11/16/06 affecting the secondary dilution of samples SB16 (35-37) and SB16 (49-50), and samples SB11 (38-40), SB10 (10.5-11.5), and SB10 (28-30). All benzaldehyde and hexyachlorocyclopentadiene results were nondetect. Therefore, validation action was not required for benzaldehyde and hexachlorycyclopentadiene. **Positive dibenzo(g,h,i)perylene and dibenz(a,h)anthracene results in samples SB11 (38-40), SB10 (10.5-11.5), and SB10 (28-30) were qualified, "J," because of high instrument bias. All nondetect 2,2'-oxybis(1-chloropropane) results in samples SB11 (38-40), SB10 (10.5-11.5), and SB10 (28-30) were qualified, "UJ," because of low instrument bias. All positive and nondetect indeno(1,2,3-cd)pyrene, and dibenz(a,h)anthracene results in the samples SB16 (35-37), SB16 (49-50), SB14 (38-40), SB14 (15-17.5), and SB11 (20-22) were qualified as estimated, "J" or "UJ," because of low instrument bias.**

c. Surrogates (p. 2003): All surrogates were diluted out of 20-fold and 500-fold dilutions of samples SB16 (35-37) and SB14 (15-175). All other quality control check results were acceptable. Validation action was not necessary.

C6K100374

a. Calibrations (pp. 3062, 3104-3105): The 11/21/06 initial calibration RSD for benzaldehyde was greater than the 30% specification limit on instrument 732 affecting all original analyses. In addition, the continuing calibration %Ds for benzaldehyde, 2,4-dinitrophenol, and 4,6-dinitro-2-methylphenol were less than the lower specification limit of -25% on instrument 732 at 12:17 hrs on 11/28/06 affecting all samples. **All benzaldehyde, 2,4-dinitrophenol, and 4,6-dinitro-2-methylphenol results were nondetect and were qualified as estimated, "UJ," because of low instrument bias.**

b. Field Duplicates: Samples SB13 (37-39) and SB130 (37-39) were the primary and field duplicate soil samples collected for this sampling event. *USEPA National Functional Guidelines* do not require qualification based on field duplicate data alone. However, the positive results are presented below to assess field sampling/laboratory precision and sample homogeneity **Several RPDs were greater than the maximum advisory limit of 50% for soils. The primary and field duplicate results were qualified "J," as estimates, because of field sampling/laboratory imprecision and/or sample heterogeneity.**

Field Duplicate Results Comparison
Schenectady MGP 2006 Sampling Event

Analyte	SB13 (37-39)	Units	SB130 (37-39)	Units	%RPD	Qualifiers
Acenaphthene	22 J[1]	µg/Kg	20 J[1]	µg/Kg	10	
Acenaphthylene	39 J[1]	µg/Kg	32 J[1]	µg/Kg	20	
Anthracene	28 J[1]	µg/Kg	24 J[1]	µg/Kg	15	
Butylbenzyl phthalate	13 J[1]	µg/Kg	16 J[1]	µg/Kg	21	
Fluorene	29 J[1]	µg/Kg	24 J[1]	µg/Kg	19	
2-Methylnaphthalene	140 J[1]	µg/Kg	110 J[1]	µg/Kg	24	
4-Methylphenol	9.5 J[1]	µg/Kg	400 U	µg/Kg	NC	**J/UJ**
Naphthalene	430 J[1]	µg/Kg	340 J[1]	µg/Kg	23	
Phenanthrene	96 J[1]	µg/Kg	80 J[1]	µg/Kg	18	
Phenol	25 J[1]	µg/Kg	400 U	µg/Kg	NC	**J/UJ**

NC: The RPD could not be calculated.
J/UJ: The results are qualified as estimates because the RPD exceeded the maximum advisory limit of 25% or the difference between the primary and field duplicate results was greater than twice the reporting limit for results less than five times the reporting limits. Field sampling/laboratory imprecision and/or sample heterogeneity was indicated.
J[1]: The result was estimated between the method detection limit and the reporting limit.

C6K300215

a. Blank Contamination (pp. 94-96): Bis(2-ethylhexyl)phthalate was detected in the equipment blank collected on 11/29/06 at an estimated concentration of 1.6 µg/L. The positive bis(2-ethylhexyl)phthalate results for associated samples MW06, MW02 (04), MW03 (04), and MW09 were less than ten times the blank level. **The positive bis(2-ethylhexyl)phthalate results for samples MW06, MW02 (04), MW03 (04), and MW09 were qualified "U," as undetected, because of laboratory contamination. Based on professional judgment, the positive bis(2-ethylhexyl)phthalate result for sample MW07 was qualified "J," as an estimated concentration, biased high because of laboratory contamination.**

b. Dilutions/Surrogate Recoveries (p. 97): Samples MW08 and MW080 required analysis at a secondary dilution to bring the analyte concentrations into the calibration range. The dilutions were sufficiently high to dilute out the surrogates. Surrogate recoveries could not be used to evaluate method accuracy. The surrogate recoveries were acceptable for the method blank and LCS samples. No data qualifications were necessary based on professional judgment. The dilution elevated the reporting limits for nondetect results.

c. Field Duplicates: Samples MW08 and MW080 were the primary and field duplicate groundwater samples collected for this sampling event. *USEPA National Functional Guidelines* do not require qualification based on field duplicate data alone. However, the positive results are presented below to assess field sampling/laboratory precision and sample homogeneity. The RPDs were less than the maximum advisory limit of 30% for aqueous samples. No data qualifications were required.

Field Duplicate Results Comparison
Schenectady MGP 2006 Sampling Event

Analyte	MW08	Units	MW080	Units	RPD (%)	Qualifier
2,4-Dimethylphenol	24000	µg/L	24000	µg/L	0	
2-Methylphenol	29000	µg/L	29000	µg/L	0	
4-Methylphenol	73000	µg/L	73000	µg/L	0	
Naphthalene	7900	µg/L	7900	µg/L	0	
Phenol	42000	µg/L	42000	µg/L	0	

Trace Metals

C6K030390

a. Blank Contamination (pp. 142-144, 3071, 3073): Antimony, copper, potassium, thallium and zinc were detected in the method blank and/or the initial and continuing calibration blanks at concentrations estimated below the reporting limits. All samples were affected. All affected antimony and thallium results were nondetect. No data qualifications were required. All affected copper and zinc results were greater than the reporting limits. No data qualifications were required. **Associated potassium results estimated below the reporting limit (RL) were qualified "U," as undetected, because of laboratory contamination. The "J" qualifiers appended to the positive aluminum, copper, and potassium results that were greater than the reporting limits were removed by the data validator as unnecessary.**

The method blank and/or the initial and continuing calibration blanks for aluminum and manganese were negative. All associated aluminum and manganese results were greater than the reporting limits. The effect on the data was minimal. No data qualifications were required based on professional judgment.

b. ICP Serial Dilution Percent Differences (p. 3078): An ICP serial dilution analysis was performed on sample SB-24 (20-21). The sample result was greater than 50 times the instrument detection limit (IDL) and the %D for the ICP serial dilution was greater than the maximum specification limit of 10% for zinc. All samples were affected. **All zinc results were positive and were qualified "J," as estimated concentrations, because of significant physical or chemical interferences due to sample matrix.**

c. Matrix Spike Recoveries and RPDs (pp. 151-158): MS/MSD analyses were conducted on sample SB-24 (20-21). The aluminum and iron spike added to SB-24 (20-21) MS/MSD were less than 25% of the original sample results. The recoveries and RPDs could not be calculated. The effects of matrix on these analyses could not be assessed. No data qualifications were required.

The SB-24 (20-21) MS/MSD recoveries for antimony and manganese were less than the lower advisory limit of 75% but greater than 30%. The RPDs were acceptable. All samples were affected. **All antimony results were nondetect and were qualified "UJ," as estimates, because of low method bias and/or matrix effects. All manganese results were positive were qualified "J-," as estimated concentrations, because of low bias attributable to matrix effects.**

C6K060148

a. Dilutions (p. 99): Lead was analyzed at a five-fold dilution for sample SB25 (18-19.5) due to the high lead concentration.

b. Blank Contamination (pp. 3021-3022, 3051, 3054-3055): Aluminum, beryllium, copper, potassium, manganese, and zinc were detected in the method blank and/or the initial and continuing calibration blanks at concentrations estimated below the reporting limits. All samples were affected. All aluminum, beryllium, copper, potassium, manganese, and zinc results were greater than the reporting limits. No data qualifications were required. **The "J" qualifiers appended to the positive beryllium, copper, potassium, manganese, and zinc results that were greater than the reporting limits were removed by the data validator as unnecessary.**

   Initial and/or continuing calibration blanks for aluminum and copper were negative. All associated aluminum and copper results were greater than the reporting limits. The effect on the data was minimal. No data qualifications were required based on professional judgment.

c. Reporting Limit Standard Recovery (p. 3048): The reporting limit standard recovery for lead was less than the lower specification limit of 70%. A low instrument bias was indicated. All samples were affected. Validation action was not required for lead results that were greater than two times the reporting limit. **The positive lead result for sample SB15 (34-35) was less than two times the reporting limit and was qualified as estimated, biased low, "J-."**

d. ICP Serial Dilution Percent Differences (p. 3063): An ICP serial dilution analysis was performed on sample SB23 (10-13). The sample results were greater than 50 times the IDL and the %Ds for the ICP serial dilution were greater than the maximum specification limit of 10% for cobalt, nickel and zinc. All samples were affected. **All cobalt, nickel, and zinc results were positive and were qualified "J," as estimated concentrations, because of significant physical or chemical interferences due to sample matrix.**

e. Matrix Spike Recoveries (pp. 3030, 3032-3033, 3038): MS/MSD analyses were conducted on sample SB23 (10-13). The aluminum, iron, manganese, and mercury spike added to SB23 (10-13) MS/MSD were less than 25% of the original sample results. The recoveries and RPDs could not be calculated. The effects of matrix on these analyses could not be assessed. No data qualifications were required.

   The SB23 (10-13) MS and/or MSD recoveries for calcium, lead, antimony, and zinc were less than the lower advisory limit of 75%, but greater than 30%. The RPDs were acceptable. All samples were affected. **The antimony results were nondetect and were qualified "UJ," as estimates, because of low method bias and/or matrix effects. All calcium and lead results were positive were qualified "J-," as estimated concentrations, because of low bias attributable to matrix effects. All zinc results were previously qualified, "J," due to ICP serial dilution nonconformance (see section e. above). No further data qualifications were required for zinc.**

d. Field Duplicates: Samples SB22 (18-20) and SB220 (18-20) were the primary and field duplicate soil gas samples collected for this sampling event. *USEPA National Functional Guidelines* do not require qualification based on field duplicate data alone. However, the positive results are presented below to assess field sampling/laboratory precision and sample homogeneity. All RPDs were within the advisory limit of 50% for soils. No data qualifications were necessary.

Field Duplicate Results Comparison
Schenectady MGP 2006 Sampling Event

Analyte	SB22 (18-20)	Units	SB220 (18-20)	Units	%RPD	Qualifiers
Aluminum	9570	mg/kg	9870	mg/kg	3	
Arsenic	6.9	mg/kg	9.5	mg/kg	32	
Barium	64.7	mg/kg	75.8	mg/kg	16	
Beryllium	1.1	mg/kg	1.1	mg/kg	0	
Calcium	4900 J-[2]	mg/kg	5560 J-[2]	mg/kg	13	
Cobalt	8.9 J[1,3]	mg/kg	10.5 J[3]	mg/kg	16	
Chromium	14.4	mg/kg	15.2	mg/kg	5	
Copper	21.3	mg/kg	26.1	mg/kg	20	
Iron	18200	mg/kg	21800	mg/kg	18	
Potassium	1210	mg/kg	1410	mg/kg	15	
Magnesium	3980	mg/kg	3960	mg/kg	1	
Manganese	180	mg/kg	205	mg/kg	13	
Sodium	2570	mg/kg	3240	mg/kg	23	
Nickel	21.1 J[3]	mg/kg	25.9 J[3]	mg/kg	20	
Lead	9 J-[2]	mg/kg	10.2 J-[2]	mg/kg	13	
Selenium	0.66 J[1]	mg/kg	0.99 J[1]	mg/kg	40	
Vanadium	23.5	mg/kg	24.2	mg/kg	3	
Zinc	57.6 J[1,3]	mg/kg	68.6 J[1,3]	mg/kg	17	
Mercury	0.03 J[1]	mg/kg	0.04 J[1]	mg/kg	29	

J[1]: The result was estimated between the method detection limit and the reporting limit.
J-[2]: The result was qualified due to matrix spike nonconformance.
J[3]: The result was qualified due to ICP serial dilution nonconformance.

C6K080197

a. Blank Contamination (pp. 3027-3028, 3059, 3063): Antimony, aluminum, copper, manganese, potassium, silver, and zinc were detected in the method blank and/or the initial and continuing calibration blanks at concentrations estimated below the reporting limits. All samples were affected. All affected antimony, aluminum, copper, manganese, silver, and zinc results were either nondetect or greater than the reporting limits. No data qualifications were required. **Associated potassium results estimated below the RL were qualified "U," as undetected, because of laboratory contamination. The "J" qualifiers appended to the positive aluminum, copper, and potassium results that were greater than the reporting limits were removed by the data validator as unnecessary.**

   The method blank and/or the initial and continuing calibration blanks for aluminum and manganese were negative. All associated aluminum and manganese results were greater than the reporting limits. The effect on the data was minimal. No data qualifications were required based on professional judgment.

b. ICP Serial Dilution Percent Differences (p. 3066): An ICP serial dilution analysis was performed on sample SB11 (20-22). The sample result was greater than 50 times the IDL and the %D for the ICP serial dilution were greater than the maximum specification limit of 10% for zinc. All samples were affected. **All zinc results were positive and were qualified "J," as estimated concentrations, because of significant physical or chemical interferences due to sample matrix.**

c. Matrix Spike Recoveries (pp. 3044-3045): MS/MSD analyses were conducted on sample SB-11 (20-22). The aluminum, iron, and manganese spikes added to SB-11 (20-22) MS/MSD were less than 25% of the original sample results. The recoveries and RPDs could not be calculated. The effects of matrix on these analyses could not be assessed. No data qualifications were required.

C6K100374

a. Dilutions (p. 84): Cadmium was analyzed at a five-fold dilution for sample SB12 (25-26) due to matrix effects.

b. Blank Contamination (pp. 5015-5016, 5045, 5048-5049): Copper, potassium, antimony, zinc, and silver were detected in the method blank and/or the initial and continuing calibration blanks at concentrations estimated below the reporting limits. All samples were affected. All copper, zinc, and silver results were either nondetect or greater than the reporting limits. No data qualifications were required. **Potassium and antimony results estimated below the RL were qualified "U," as undetected, because of laboratory contamination. The "J" qualifiers appended to the positive copper, potassium, and zinc results that were greater than the reporting limits were removed by the data validator as unnecessary.**

Initial and/or continuing calibration blanks for aluminum and manganese were negative. All associated aluminum and manganese results were greater than the reporting limits. The effect on the data was minimal. No data qualifications were required based on professional judgment.

c. Field Duplicates: Samples SB13 (37-39) and SB130 (37-39) were the primary and field duplicate soil samples collected for this sampling event. *USEPA National Functional Guidelines* do not require qualification based on field duplicate data alone. However, the positive results are presented below to assess field sampling/laboratory precision and sample homogeneity. All RPDs were within the advisory limit of 50% for soils. No data qualifications were required.

Field Duplicate Results Comparison
Schenectady MGP 2006 Sampling Event

Analyte	SB13 (37-39)	Units	SB130 (37-39)	Units	%RPD	Qualifiers
Aluminum	2580	mg/kg	2360	mg/kg	9	
Arsenic	1.8	mg/kg	1.6	mg/kg	12	
Barium	13.8 J[1]	mg/kg	12.1 J[1]	mg/kg	13	
Beryllium	0.17 J[1]	mg/kg	0.25 J[1]	mg/kg	38	
Calcium	22000	mg/kg	22100	mg/kg	0	
Cobalt	2.7 J[1]	mg/kg	2.4 J[1]	mg/kg	12	
Chromium	4.4	mg/kg	3.7	mg/kg	17	
Copper	6.3	mg/kg	6.0 J[1]	mg/kg	5	
Iron	6420	mg/kg	6110	mg/kg	5	
Magnesium	4050	mg/kg	3990	mg/kg	1	
Manganese	135	mg/kg	130	mg/kg	4	
Sodium	74.5 J[1]	mg/kg	89.7 J[1]	mg/kg	19	
Nickel	5.6	mg/kg	5.4	mg/kg	4	
Lead	2.3	mg/kg	2.1	mg/kg	9	
Vanadium	7.2	mg/kg	6.6	mg/kg	9	
Zinc	16.5	mg/kg	16.8	mg/kg	2	

J[1]: The result was estimated between the method detection limit and the reporting limit.

C6K300215

a. Blank Contamination (pp. 140-145, 3064-3065, 3067-3069): Aluminum, calcium, manganese, mercury, potassium selenium, vanadium, and zinc were detected in the equipment blank, method blank and/or the initial and continuing calibration blanks at concentrations estimated below the reporting limits. All samples were affected. All affected calcium and manganese results were greater than the reporting limits. No data qualifications were required. **Associated aluminum, mercury, potassium, selenium, vanadium, and zinc results estimated below the RLs were qualified "U," as undetected, because of contamination. The positive selenium results for samples MW10 and MW03 (04) were qualified "J+," as estimated concentrations, biased high, because of laboratory contamination. The "J" qualifiers appended to the positive aluminum, potassium, and zinc results that were greater than the reporting limits were removed by the data validator as unnecessary.**

   The method blank and/or the initial and continuing calibration blanks for sodium and vanadium were negative. All associated sodium results were greater than the reporting limits. The vanadium results required qualification in response to a contaminated initial calibration blank. The effect on the data was minimal. No further data qualifications were required based on professional judgment.

b. ICP Serial Dilution Percent Differences (p. 3076): An ICP serial dilution analysis was performed on sampleMW03 (04). The sample result was greater than 50 times the IDL and the %D for the ICP serial dilution were greater than the maximum specification limit of 10% for sodium. All samples were affected. **All sodium results were positive and were qualified "J," as estimated concentrations, because of significant physical or chemical interferences due to sample matrix.**

c. Field Duplicates: Samples MW08 and MW080 were the primary and field duplicate groundwater samples collected for this sampling event. *USEPA National Functional Guidelines* do not require qualification based on field duplicate data alone. However, the positive results are presented below to assess field sampling/laboratory precision and sample homogeneity. **The RPD was less than the maximum advisory limit of 30% for zinc. The primary and field duplicate zinc results were qualified "J," as estimated concentrations, because of field sampling/laboratory imprecision and/or sample heterogeneity.**

Field Duplicate Results Comparison
Schenectady MGP 2006 Sampling Event

Analyte	MW08	Units	MW080	Units	RPD (%)	Qualifier
Aluminum	363	µg/L	412	µg/L	13	
Arsenic	14.0	µg/L	12.5	µg/L	11	
Barium	189 J[1]	µg/L	187 J[1]	µg/L	1	
Calcium	141000	µg/L	140000	µg/L	1	
Cobalt	0.90 J[1]	µg/L	1.2 J[1]	µg/L	29	
Chromium	2.5 J[1]	µg/L	2.0 J[1]	µg/L	22	
Copper	4.5 J[1]	µg/L	3.3 J[1]	µg/L	31	±RL
Iron	2020	µg/L	2040	µg/L	1	
Potassium	26000	µg/L	26100	µg/L	0	
Magnesium	32100	µg/L	32100	µg/L	0	
Manganese	1210	µg/L	1200	µg/L	1	
Sodium	653000 J[2]	µg/L	662000 J[2]	µg/L	1	
Nickel	2.9 J[1]	µg/L	2.4 J[1]	µg/L	19	
Silver	0.83 J[1]	µg/L	5.0 U	µg/L	NC	±RL
Zinc	70.0 J	µg/L	24.3 J	µg/L	97	**J/J**

NC: The RPD could not be calculated.
±RL: The difference between the primary and field duplicate results was less than twice the reporting limit for results less than five times the reporting limits. No data qualifications were required.
J/J: The results are qualified as estimates because the RPD exceeded the maximum advisory limit of 30% or the difference between the primary and field duplicate results was greater than twice the reporting limit for results less than five times the reporting limits. Field sampling/laboratory imprecision and/or sample heterogeneity was indicated.
J[1]: The result was estimated between the method detection limit and the reporting limit.
J[2] The result qualified as an estimate because of physical/chemical matrix interference.

Total Cyanide

C6K030390

a. Blank Contamination (p. 170): Cyanide was detected in the method blank associated with quality control batch 6318141 at a concentration estimated below the reporting limit. **The positive total cyanide result for associated sample SB-20 (16.5-18) was qualified "U," as undetected, because of laboratory contamination.**

b. Matrix Spike Recoveries and RPDs (p. 172): The cyanide spike added to TP7S (7.5) (HORZ 0-10) MS/MSD were less than 25% of the original sample result. The recoveries and RPD could not be calculated. The effects of matrix on this analysis could not be assessed. No data qualifications were required.

C6K060148

a. Blank Contamination (p. 4004): Cyanide was detected in the method blank associated with quality control batch 6319440 at a concentration estimated below the reporting limit. All samples were affected. Validation action was not required for results greater than the reporting limits. The positive total cyanide results for samples SB22 (18-20) and SB220 (18-20) were less than the reporting limits. **The total cyanide results for samples SB22 (18-20) and SB220 (18-20) were raised to the reporting limit and qualified "U," as undetected, because of laboratory**

contamination. The "J" qualifiers appended to total cyanide results that were greater than the reporting limits were removed by the data validator as unnecessary.

b. Field Duplicates: Samples SB22 (18-20) and SB220 (18-20) were the primary and field duplicate soil samples collected for this sampling event. *USEPA National Functional Guidelines* do not require qualification based on field duplicate data alone. However, total cyanide results for the field duplicate pair were qualified as undetected (see section a. above). No data qualifications were required.

C6K080197

Blank Contamination (p. 4004): Cyanide was detected in the method blank associated with quality control batch 6319163 at a concentration estimated below the reporting limit. All samples were affected. Validation action was not required for results greater than the reporting limits. The positive total cyanide results for samples SB16 (49-50) and SB14 (38-40) were less than the reporting limits. **The total cyanide results for samples SB16 (49-50) and SB14 (38-40) were raised to the reporting limit and qualified "U," as undetected, because of laboratory contamination. The "J" qualifiers appended to total cyanide results that were greater than the reporting limits were removed by the data validator as unnecessary.**

C6K100374

a. Blank Contamination (p. 7007): Cyanide was detected in the method blank associated with quality control batch 6324176 at a concentration estimated below the reporting limit. All samples were affected. The positive total cyanide results for samples SB13 (37-39) and SB130 (37-39) were less than the reporting limits. **The total cyanide results for samples SB13 (37-39) and SB130 (37-39) were raised to the reporting limit and qualified "U," as undetected, because of laboratory contamination. The "J" qualifiers appended to total cyanide results that were greater than the reporting limits were removed by the data validator as unnecessary.**

b. Field Duplicates: Samples SB13 (37-39) and SB130 (37-39) were the primary and field duplicate soil samples collected for this sampling event. *USEPA National Functional Guidelines* do not require qualification based on field duplicate data alone. However, total cyanide results for the field duplicate pair were qualified as undetected (see section a. above). No data qualifications were required.

C6K300215

No data quality issues were noted. No data qualifications were required.

Field Duplicates: Samples MW08 and MW080 were the primary and field duplicate groundwater samples collected for this sampling event. *USEPA National Functional Guidelines* do not require qualification based on field duplicate data alone. However, the positive results are presented below to assess field sampling/laboratory precision and sample homogeneity. The RPD was less than the maximum advisory limit of 30% for aqueous samples. No data qualifications were required.

Field Duplicate Results Comparison
Schenectady MGP 2006 Sampling Event

Analyte	MW08	Units	MW080	Units	RPD (%)	Qualifier
Total Cyanide	245	µg/L	233	µg/L	5	

Notes

ATL indicated that no second source (i.e., independently traceable) standard was commercially available for 2-methylpentane, isopentane, 2,3-dimethylpentane, indene, indan, and thiophene. These analytes were not spiked into the LCS sample.

Tentatively Identified Compounds (TICs) were identified by ATL and are included on the Form 1s for the air and soil gas samples.

Positive volatile and semivolatile results that were less than the laboratory reporting limit, but greater than the method detection limits (MDLs) were qualified "J," as estimated concentrations, by the laboratory due to increased uncertainty near the detection limit.

Positive metals results that were less than the laboratory reporting limit, but greater than the MDLs were qualified "B," as estimated concentrations by the laboratory, due to increased uncertainty near the detection limit. The "B" qualifiers were changed by the data validator to "U," in response to laboratory blank contamination, or to a "J," to indicate an estimated concentration, due to increased uncertainty near the detection limit.

Chain of Custody (COC) record 090 (SDG C6K060148) listed three samples jars for samples SB-22(18-20) and SB-220(18-20). The laboratory only received two samples jars for each sample.

The air and soil gas data were reviewed according to USEPA *Compendium Method TO-15, Determination of VOCs in Air Collected in Specially Prepared-Canisters and Analyzed by Gas Chromatography / Mass Spectrometry (GC/MS)*, January 1999, and with reference to *USEPA Contract Laboratory Program National Functional Guidelines for Organic Data Review*, October 1999, document number EPA 540/R-99/008.

Soil and groundwater data were validated according to the *USEPA Contract Laboratory Program National Functional Guidelines for Organic Data Review,* EPA540/R-99/008, October 1999, *USEPA Contract Laboratory Program National Functional Guidelines for Inorganic Data Review*, EPA 540-R-04-004, October 2004, as they apply to the analytical methods employed.

Attachments

Glossary of USEPA-defined data qualifier codes.

Appendices

1.0 Appendix A – Data Summary

2.0 Appendix B – Support Documentation

Attachment 1 of 1

Glossary of Data Qualifier Codes

GLOSSARY OF DATA QUALIFIER CODES

U	-	The analyte was analyzed for, but was not detected above the level of the reported samples quantitation limit.
UJ	-	The analyte was analyzed for, but was not detected. The reported quantitation limit is approximated and may be inaccurate or imprecise.
J	-	The result is an estimated quantity. The associated numerical value is the approximate concentration of the analyte in the sample.
J-	-	(Inorganics) The result is an estimated quantity, likely to be biased low. The associated numerical value is the approximate concentration of the analyte in the sample.
J+	-	(Inorganics) The result is an estimated quantity, likely to be biased high. The associated numerical value is the approximate concentration of the analyte in the sample.
N	-	Tentative identification. Consider present. Special methods may be needed to confirm its presence or absence in future sampling events.
NJ	-	Qualitative identification questionable due to poor resolution. Presumptively present at an approximate quantity.
R	-	The data are unusable. The sample results are rejected due to serious deficiencies in the ability to meet quality control criteria. The presence or absence of the analyte cannot be verified.

Appendix B

Support Documentation

CASE NARRATIVE
The Retec Group
Schenectady Street MGP

LOT # C6K030390

Sample Receiving:
STL Pittsburgh, PA received samples on November 3, 2006. The cooler was received within the proper temperature range.

The laboratory received sample SB20(16.5-18) that was not listed on the chain of custody. This sample was to be analyzed as discussed with James Edwards. Notation was made on the chain of custody.

If project specific QC was not required for samples contained in this report, when batch QC was completed on these samples, anomalous results will be discussed below.

GC/MS Volatiles:
Due to the concentration of target compounds detected, sample SB-20 (30-32.5) was analyzed as a methanol dilution.

The method blank for batch 6310052 had methylene chloride detected below the reporting limit but above the MDL. The result was flagged with a "J" qualifier. Any sample associated with this blank that had methylene chloride detected had the result flagged with a "B" qualifier.

GC/MS Semivolatiles:
Due to the concentration of target compounds detected, several samples were analyzed at a dilution.

Several samples had the surrogates diluted out.

Metals:
The serial dilution of sample SB-24(20-21) was outside of the percent difference control limits for zinc. The result was flagged with an "E" qualifier.

The method blank had analytes detected at concentrations between the MDL and the reporting limit. The results were flagged with a "B" qualifier. Any sample associated with a method blank that had the same analyte detected had the result flagged with a "J" qualifier.

For the matrix spike and matrix spike duplicate of sample SB-24(20-21), aluminum and iron recoveries were not calculated due to the concentration of analyte in the sample being >4 times the concentration of spike added.

CASE NARRATIVE
The Retec Group
Schenectady Street MGP

LOT # C6K030390

The matrix spikes of sample SB-24(20-21) recovered below the control limits for manganese and antimony. The RPD between the spikes and the recoveries of the laboratory control samples were within the control limits.

General Chemistry:
Sample TP7S(7.5)(HORZ 0-10) was analyzed at a dilution for total cyanide.

The method blank for batch 6318141 had cyanide detected at a concentration between the MDL and the reporting limit. The result was flagged with a "B" qualifier. Any sample associated with a method blank that had the same analyte detected had the result flagged with a "J" qualifier.

For the matrix spike and matrix spike duplicate of sample TP7S(7.5)(HORZ 0-10), cyanide recoveries were not calculated due to the concentration of analyte in the sample being >4 times the concentration of spike added.

C6K030390

Chain of Custody Record Nº 089

The RETEC Group, Inc.
2560 Eisenhower Avenue • Eagleville, PA 19403-2331
(610) 650-8770 Phone • (610) 650-9001 Fax
www.retec.com

RETEC

Project Name: Schenectady	Project Number:
Send Report To: James Edwards	Sampler (Print Name): Jesse Lloyd
Address: Above Address	Sampler (Print Name): Scott Hunsicker
	Shipment Method: FedEx
	Airbill Number:
Phone:	Laboratory Receiving: STL Pittsburgh
Fax:	

Page 1 of 1

Purchase Order #:

Analysis Requested: SVOC 8270; VOC 8260; TAL Metals 6000/7000; Total Cyanide 9012A

Field Sample ID	Sample Date	Sample Time	Sample Matrix	Number of Containers	Comments, Special Instructions, etc.	Lab Sample ID (to be completed by lab)
TP75 (7.5) (Hard 0-10)	10-31-06	1000		2		
TP5 (7') (Hard 15)	11-1-06	0900		3		
SB-13 (10-11)		1430				
SB-18 (10-11)		1620				
SB 12 (18.5-20)		1630				
SB21 (9-10)		1340				
SB24 (13.5-14.5)		1000				
SB24 (20-21)		1020				
SB24 (20-21) MS		1022		2		
SB24 (20-21) MSD		1022		2		
SB19 (23-24.5)		1200		3		
SB20 (30-32.5)		1520				
SB20 (38.5-40)		1530				
also received						
SB20 (16.5-18)	11/2/06	1315	to be analyzed as per James Edwards			

Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
	FedEx	11/2/06	1730
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
		11-3-06	0940
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:

Sample Custodian Remarks (Completed By Laboratory):

QA/QC Level		Turnaround		Sample Receipt	
NYASP Cat B				Total # Containers Received?	
Level I	☐	Routine	☒	COC Seals Present?	
Level II	☐	24 Hour	☐	COC Seals Intact?	
Level III	☐	1 Week	☐	Received Containers Intact?	
Other	☒	Other		Temperature?	

White: Lab Copy Yellow: PM Copy Pink: Field Copy Gold: PM/QA/QC Copy

SAMPLE SUMMARY

C6K030390

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
JHX60	001	TP7S(7.5)(HORZ 0-10)	10/31/06	10:00
JHX61	002	TP5(7)(HORZ 15)	11/01/06	09:00
JHX62	003	SB-13(0-11)	11/01/06	14:30
JHX64	004	SB-18(10-11)	11/01/06	16:20
JHX65	005	SB-18(18.5-20)	11/01/06	16:30
JHX67	006	SB-21(9-10)	11/01/06	13:40
JHX7A	007	SB-24(13.5-14.5)	11/01/06	10:00
JHX7F	008	SB-24(20-21)	11/01/06	10:20
JHX7M	009	SB-19(23-24.5)	11/01/06	12:00
JHX7N	010	SB-20(30-32.5)	11/01/06	15:20
JHX7Q	011	SB-20(38.5-40)	11/01/06	15:30
JHX7V	012	SB-20(16.5-18)	11/02/06	13:15

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.

SW846 8260B METHOD BLANK SUMMARY

BLANK WORKORDER NO.: JH16F1AA

Lab Name: Severn Trent Laboratories, Inc.

Lab Code: STLPIT

SDG Number:

Lab File ID: 3110601.D

Lot Number: C6K030390

Date Analyzed: 11/06/06

Time Analyzed: 06:43

Matrix: SOLID

Date Extracted:11/06/06

GC Column: RTX-624 ID: .18

Extraction Method: 5030B/8260B

Instrument ID: HP3

Level:(low/med) LOW

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, LCS, LCSD, MS , MSD:

	CLIENT ID.	SAMPLE WORK ORDER #	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	TP7S(7.5)(HORZ 0-10)	JHX601AC	3110609.D	11/06/06	09:54
02	TP5(7)(HORZ 15)	JHX611AK	3110610.D	11/06/06	10:18
03	SB-13(0-11)	JHX621AK	3110611.D	11/06/06	10:42
04	SB-18(10-11)	JHX641AK	3110612.D	11/06/06	11:06
05	SB-18(18.5-20)	JHX651AK	3110613.D	11/06/06	11:30
06	SB-21(9-10)	JHX671AK	3110614.D	11/06/06	11:54
07	SB-24(13.5-14.5)	JHX7A1AK	3110615.D	11/06/06	12:18
08	SB-24(20-21)	JHX7F1A2	3110602.D	11/06/06	07:07
09	SB-24(20-21)	JHX7F1A3 S	3110605.D	11/06/06	08:19
10	SB-24(20-21)	JHX7F1A4 D	3110606.D	11/06/06	08:43
11	SB-19(23-24.5)	JHX7M1AK	3110603.D	11/06/06	07:31
12	SB-20(38.5-40)	JHX7Q1AK	3110607.D	11/06/06	09:07
13	SB-20(16.5-18)	JHX7V1AK	3110608.D	11/06/06	09:31
14	CHECK SAMPLE	JH16F1AC C	3110604.D	11/06/06	07:55
15					
16					
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30					

COMMENTS:

FORM IV

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: C6K030390 **Work Order #...:** JH16F1AA **Matrix.....:** SOLID
MB Lot-Sample #: C6K060000-052

Prep Date.....: 11/06/06 **Analysis Time..:** 06:43
Analysis Date..: 11/06/06 **Prep Batch #...:** 6310052 **Final Wgt/Vol..:** 5 mL
Dilution Factor: 1 **Initial Wgt/Vol:** 5 g **Instrument ID..:** HP3
Analyst ID.....: 010099

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	5.0	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	5.0	ug/kg	SW846 8260B
Dibromochloromethane	ND	5.0	ug/kg	SW846 8260B
1,2-Dibromo-3-chloro-propane	ND	5.0	ug/kg	SW846 8260B
1,2-Dibromoethane	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
1,2-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	5.0	ug/kg	SW846 8260B
Isopropylbenzene	ND	5.0	ug/kg	SW846 8260B
Methyl acetate	ND	5.0	ug/kg	SW846 8260B
Methylene chloride	**3.5 J**	**5.0**	**ug/kg**	**SW846 8260B**
Methylcyclohexane	ND	5.0	ug/kg	SW846 8260B
4-Methyl-2-pentanone	ND	5.0	ug/kg	SW846 8260B
Methyl tert-butyl ether	ND	5.0	ug/kg	SW846 8260B
Styrene	ND	5.0	ug/kg	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	SW846 8260B
1,2,4-Trichloro-benzene	ND	5.0	ug/kg	SW846 8260B

(Continued on next page)

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: C6K030390 **Work Order #...:** JH16F1AA **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Tetrachloroethene	ND	5.0	ug/kg	SW846 8260B
1,1,1-Trichloroethane	ND	5.0	ug/kg	SW846 8260B
1,1,2-Trichloroethane	ND	5.0	ug/kg	SW846 8260B
Trichloroethene	ND	5.0	ug/kg	SW846 8260B
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	15	ug/kg	SW846 8260B
Toluene	ND	5.0	ug/kg	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	74	(52 - 124)
Toluene-d8	102	(72 - 127)
4-Bromofluorobenzene	94	(63 - 120)
Dibromofluoromethane	88	(68 - 121)

NOTE(S):

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

J Estimated result. Result is less than RL.

STL Pittsburgh

INITIAL CALIBRATION DATA

Start Cal Date : 21-SEP-2006 08:39
End Cal Date : 21-SEP-2006 13:36
Quant Method : ISTD
Origin : Disabled
Target Version : 4.04
Integrator : HP RTE
Method file : \\qpitpa02\d\chem\hp3.i\3092106.b\8260bsoil.m
Cal Date : 22-Sep-2006 04:31 GordonK
Curve Type : Average

Calibration File Names:
Level 1: \\qpitpa02\d\chem\hp3.i\3092106.b\2A30921.D
Level 2: \\qpitpa02\d\chem\hp3.i\3092106.b\1B30921.D
Level 3: \\qpitpa02\d\chem\hp3.i\3092106.b\1C30921.D
Level 4: \\qpitpa02\d\chem\hp3.i\3092106.b\2D30921.D
Level 5: \\qpitpa02\d\chem\hp3.i\3092106.b\1E30921.D
Level 6: \\qpitpa02\d\chem\hp3.i\3092106.b\1F30921.D

	Compound	5.000 Level 1	25.000 Level 2	50.000 Level 3	75.000 Level 4	100.000 Level 5	200.000 Level 6	RRF	% RSD	
1	Dichlorodifluoromethane	0.30135	0.29957	0.28502	0.27276	0.33610	0.26452	0.29322	8.702	
164	trans-1,4-Dichloro-2-butene	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
155	N-Heptane	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
2	Chloromethane	0.39493	0.37661	0.35145	0.33479	0.41535	0.33281	0.36766	9.148	
3	Vinyl Chloride	0.37162	0.35763	0.34322	0.32896	0.40829	0.32128	0.35517	8.972	
4	Bromomethane	0.09817	0.08920	0.08392	0.07777	0.09691	0.07681	0.08713	10.597	
5	Chloroethane	0.08881	0.08760	0.07910	0.07358	0.08825	0.07031	0.08127	9.992	
6	Trichlorofluoromethane	0.26257	0.33288	0.30770	0.26323	0.31897	0.24553	0.28848	12.425	
7	Dichlorofluoromethane	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
8	Ethyl Ether	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
9	Ethanol	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
10	1,1,2-trichloro-1,2,2-trifluo	0.27932	0.26716	0.25593	0.24787	0.30777	0.24195	0.26667	9.077	
156	Methyl Acetate	0.34946	0.19154	0.16994	0.16705	0.19537	0.15606	0.20490	35.332	<-
157	Cyclohexane	0.62426	0.58649	0.56787	0.55800	0.67964	0.53772	0.59233	8.751	
158	Methyl Cyclohexane	0.60900	0.57281	0.55740	0.55072	0.66724	0.52494	0.58035	8.753	
11	Acrolein	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
12	1,1-Dichloroethene	0.24680	0.24685	0.23553	0.23726	0.29034	0.23151	0.24805	8.718	
13	Acetone	0.22973	0.08835	0.06714	0.06097	0.06615	0.05155	0.09398	71.923	<-
14	Iodomethane	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
15	Carbon Disulfide	0.69756	0.76308	0.77327	0.79045	0.98141	0.79330	0.79985	11.942	
16	3-Chloro-1-propene	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
17	Acetonitrile	0.01859	0.01445	0.01479	0.01439	0.01463	0.01452	0.01523	10.859	
18	Methylene Chloride	0.53674	0.35766	0.30188	0.29011	0.33299	0.26382	0.34720	28.367	<-
19	trans-1,2-Dichloroethene	0.30174	0.27881	0.26903	0.27028	0.32780	0.26298	0.28511	8.743	
20	Methyl tert-butyl ether	0.64111	0.59839	0.58323	0.59231	0.71079	0.58901	0.61914	7.988	

STL Pittsburgh

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End Cal Date : 21-SEP-2006 13:36
Quant Method : ISTD
Origin : Disabled
Target Version : 4.04
Integrator : HP RTE
Method file : \\qpitpa02\d\chem\hp3.i\3092106.b\8260bsoil.m
Cal Date : 22-Sep-2006 04:31 GordonK
Curve Type : Average

	Compound	5.000 Level 1	25.000 Level 2	50.000 Level 3	75.000 Level 4	100.000 Level 5	200.000 Level 6	RRF	% RSD	
	21 tert-Butyl Alcohol	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
	22 Acrylonitrile	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
	23 Hexane	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
	24 1,1-Dichloroethane	0.49609	0.46553	0.44947	0.45198	0.54670	0.44047	0.47504	8.447	
	25 Isopropyl Ether	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
	26 2-Chloro-1,3-butadiene	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
	27 2,2-Dichloropropane	0.28444	0.27769	0.26274	0.26003	0.31318	0.24096	0.27317	9.066	
	28 cis-1,2-dichloroethene	0.30829	0.28840	0.28075	0.28236	0.34336	0.27587	0.29651	8.630	
M	29 1,2-Dichloroethene (total)	0.30501	0.28361	0.27489	0.27632	0.33558	0.26943	0.29081	8.670	
	30 Bromochloromethane	0.12915	0.12055	0.11686	0.11895	0.14478	0.11878	0.12485	8.550	
	31 2-Butanone	0.07292	0.07012	0.06467	0.06683	0.08324	0.07205	0.07164	9.057	
	32 Vinyl Acetate	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
	33 Ethyl Acetate	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
	34 Propionitrile	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
	35 Tetrahydrofuran	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
	36 Methacrylonitrile	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
	37 Chloroform	0.43739	0.40495	0.39677	0.39604	0.48118	0.38886	0.41753	8.515	
	38 1,1,1-Trichloroethane	0.34859	0.35057	0.34205	0.33915	0.41804	0.33358	0.35533	8.820	
	40 1,1-Dichloropropene	0.39409	0.36753	0.35889	0.35861	0.43395	0.34128	0.37572	8.873	
	41 Carbon Tetrachloride	0.27254	0.28797	0.28572	0.28837	0.35599	0.28634	0.29616	10.097	
	42 Benzene	1.20429	1.12945	1.09734	1.09017	1.31398	1.04739	1.14710	8.460	
	44 Isobutanol	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
	45 1,2-Dichloroethane	0.27688	0.25848	0.25057	0.25424	0.30765	0.24975	0.26626	8.482	
	47 Trichloroethene	0.30503	0.28677	0.28170	0.28172	0.34392	0.27696	0.29602	8.591	
	48 n-Butanol	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
	49 1,2-Dichloropropane	0.27402	0.26104	0.25721	0.25800	0.31288	0.25745	0.27010	8.112	
	50 Dibromomethane	0.11563	0.10886	0.10964	0.11187	0.13655	0.11337	0.11599	8.941	
	51 Methyl methacrylate	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
	52 1,4-Dioxane	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
	53 Bromodichloromethane	0.23809	0.24985	0.25673	0.26230	0.32416	0.27248	0.26727	11.293	
	54 2-Nitropropane	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
	55 2-Methylfuran	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
	56 2-Chloroethyl vinyl ether	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-

STL Pittsburgh

INITIAL CALIBRATION DATA

Start Cal Date : 21-SEP-2006 08:39
End Cal Date : 21-SEP-2006 13:36
Quant Method : ISTD
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Target Version : 4.04
Integrator : HP RTE
Method file : \\qpitpa02\d\chem\hp3.i\3092106.b\8260bsoil.m
Cal Date : 22-Sep-2006 04:31 GordonK
Curve Type : Average

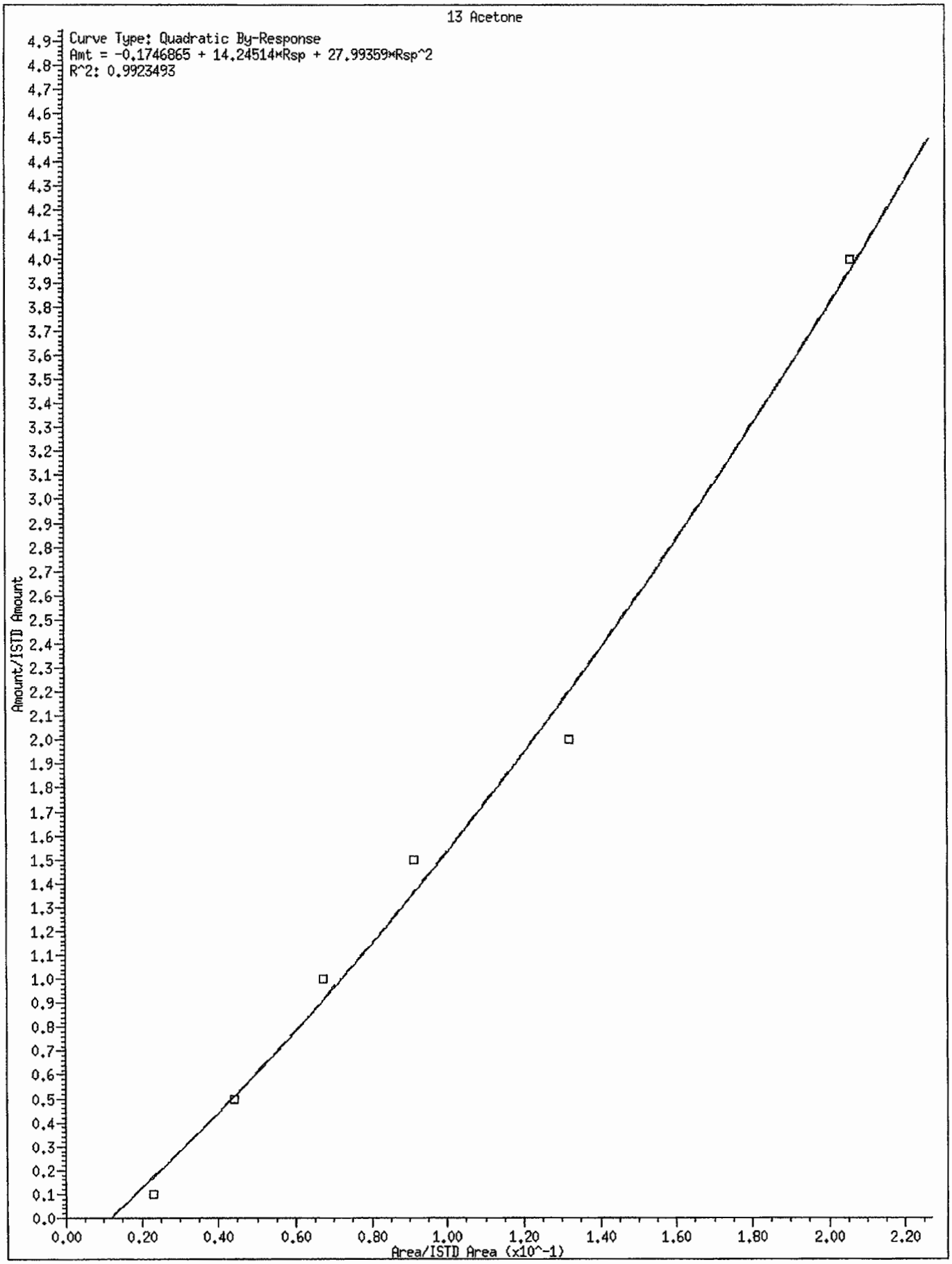
	Compound	5.000 Level 1	25.000 Level 2	50.000 Level 3	75.000 Level 4	100.000 Level 5	200.000 Level 6	RRF	% RSD	
	57 cis-1,3-Dichloropropene	0.33695	0.35931	0.37190	0.37677	0.46338	0.38403	0.38206	11.289	
	58 4-Methyl-2-Pentanone	0.90020	0.82272	0.76470	0.76583	0.86904	0.67450	0.79950	10.236	
	60 Toluene	6.10278	5.46203	5.11996	4.97874	5.65981	4.18500	5.25139	12.530	
	61 trans-1,3-Dichloropropene	1.26117	1.29269	1.28337	1.30288	1.50245	1.16450	1.30118	8.502	
	62 Ethyl methacrylate	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
	63 1,3-Dichloropropane	1.61468	1.44121	1.37678	1.36270	1.55329	1.19422	1.42381	10.519	
	64 1,1,2-Trichloroethane	0.89045	0.78211	0.75173	0.74795	0.85724	0.66697	0.78274	10.336	
	65 Tetrachloroethene	1.13092	1.03240	0.96740	0.95791	1.09833	0.81431	1.00021	11.415	
	66 2-Hexanone	0.52738	0.49212	0.47003	0.47204	0.53315	0.41721	0.48532	8.815	
	67 Dibromochloromethane	0.65251	0.71835	0.72192	0.74361	0.87060	0.68999	0.73283	10.159	
	68 1,2-Dibromoethane	0.84153	0.75316	0.73391	0.72054	0.83358	0.64876	0.75525	9.655	
	70 Chlorobenzene	3.65054	3.26923	3.10159	3.03671	3.45726	2.58035	3.18261	11.693	
	71 1,1,1,2-Tetrachloroethane	1.03064	1.03683	0.99490	0.97303	1.12153	0.85611	1.00217	8.755	
	72 Ethylbenzene	2.10193	1.91168	1.81786	1.76576	2.02518	1.51011	1.85542	11.342	
	73 m + p-Xylene	2.67509	2.37564	2.21556	2.15461	2.43479	1.78094	2.27277	13.314	
	74 Xylene-o	2.53218	2.31541	2.16521	2.10208	2.38209	1.78025	2.21287	11.833	
M	75 Xylenes (total)	2.62745	2.35556	2.19878	2.13710	2.41722	1.78071	2.25280	12.821	
	76 Styrene	3.88776	3.62033	3.51239	3.42191	3.91865	2.94741	3.55141	10.041	
	77 Bromoform	0.36728	0.40104	0.42123	0.43209	0.51795	0.41786	0.42624	11.801	
	78 Isopropylbenzene	6.65831	6.13694	5.69599	5.49715	6.26002	4.59684	5.80754	12.445	
	79 Bromobenzene	0.90150	0.81153	0.80470	0.83022	1.00860	0.82543	0.86366	9.148	
	81 n-Propylbenzene	1.18407	1.11895	1.11367	1.14540	1.36445	1.08834	1.16915	8.643	
	82 2-Chlorotoluene	0.94763	0.90485	0.89657	0.91426	1.09132	0.88517	0.93997	8.206	
	83 1,1,2,2-Tetrachloroethane	1.01052	0.97048	0.92579	0.89340	1.02648	0.77736	0.93401	9.812	
	84 1,2,3-Trichloropropane	0.21783	0.19072	0.18801	0.19345	0.23178	0.19242	0.20237	8.908	
	85 4-Chlorotoluene	0.96668	0.90115	0.87114	0.88644	1.09595	0.86558	0.93116	9.512	
	86 1,3,5-Trimethylbenzene	3.47471	3.30909	3.22680	3.27116	3.90994	3.03692	3.37144	8.873	
	87 tert-Butylbenzene	3.19823	3.01624	2.96434	3.04479	3.60859	2.84822	3.11340	8.608	
	88 1,2,4-Trimethylbenzene	3.51199	3.34150	3.25423	3.31653	3.96074	3.11937	3.41739	8.636	
	89 sec-Butylbenzene	4.87953	4.58070	4.48975	4.55600	5.41763	4.17297	4.68276	9.072	
	90 4-Isopropyltoluene	4.06447	3.86780	3.75031	3.81799	4.52199	3.45745	3.91333	9.134	
	91 1,3-Dichlorobenzene	1.91069	1.72490	1.70560	1.72538	2.06429	1.64383	1.79578	8.858	
	93 1,4-Dichlorobenzene	1.94732	1.75357	1.71714	1.72567	2.08332	1.66104	1.81468	9.039	

STL Pittsburgh

INITIAL CALIBRATION DATA

Start Cal Date : 21-SEP-2006 08:39
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Quant Method : ISTD
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Target Version : 4.04
Integrator : HP RTE
Method file : \\qpitpa02\d\chem\hp3.i\3092106.b\8260bsoil.m
Cal Date : 22-Sep-2006 04:31 GordonK
Curve Type : Average

	Compound	5.000 Level 1	25.000 Level 2	50.000 Level 3	75.000 Level 4	100.000 Level 5	200.000 Level 6	___ RRF	% RSD	
	94 n-Butylbenzene	3.77760	3.62271	3.48598	3.50182	4.16387	3.17843	3.62174	9.137	
	95 1,2-Dichlorobenzene	1.76424	1.60348	1.56160	1.58213	1.89170	1.51928	1.65374	8.681	
	96 1,2-Dibromo-3-chloropropane	0.09570	0.10846	0.11234	0.11856	0.14680	0.12325	0.11752	14.622	
	97 1,2,4-Trichlorobenzene	1.33663	1.20495	1.14966	1.18700	1.40893	1.05864	1.22430	10.427	
	98 Hexachlorobutadiene	0.74729	0.68535	0.66275	0.68200	0.79232	0.58048	0.69170	10.536	
	99 Naphthalene	2.68100	2.34084	2.21276	2.35299	2.78201	2.15302	2.42044	10.519	
	100 1,2,3-Trichlorobenzene	1.16296	1.01030	0.95321	1.01081	1.20018	0.90338	1.04014	11.270	
	101 Tetrahydrothiophene	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
	102 Cyclohexanone	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
	104 1,4-Dichlorobutane	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
	105 1-Chlorohexane	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
	165 1,3,5-Trichlorobenzene	1.57893	1.41872	1.40943	1.42221	1.75360	1.29211	1.47917	10.985	
$	39 Dibromofluoromethane	0.22816	0.20998	0.20161	0.20445	0.24696	0.20042	0.21526	8.623	
$	43 1,2-Dichloroethane-d4	0.23690	0.20294	0.19462	0.19557	0.23824	0.19554	0.21064	10.010	
$	59 Toluene-d8	4.81448	4.28876	4.01264	3.95455	4.47333	3.31791	4.14361	12.374	
$	80 Bromofluorobenzene	1.81956	1.49967	1.41657	1.38705	1.60879	1.22054	1.49203	13.781	


13 Acetone
Curve Type: Quadratic By-Response
Amt = -0.1746865 + 14.24514*Rsp + 27.99359*Rsp^2
R^2: 0.9923493
Amount/ISTD Amount
Area/ISTD Area (x10^-1)
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1.0
1.1
1.2
1.3
1.4
1.5
1.6
1.7
1.8
1.9
2.0
2.1
2.2
2.3
2.4
2.5
2.6
2.7
2.8
2.9
3.0
3.1
3.2
3.3
3.4
3.5
3.6
3.7
3.8
3.9
4.0
4.1
4.2
4.3
4.4
4.5
4.6
4.7
4.8
4.9
0.00
0.20
0.40
0.60
0.80
1.00
1.20
1.40
1.60
1.80
2.00
2.20

STL Pittsburgh

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: hp3.i Injection Date: 06-NOV-2006 05:30 LLS
Lab File ID: 1C31106.D Init. Cal. Date(s): 15-JUL-2006 21-SEP-2006
Analysis Type: SOIL Init. Cal. Times: 05:22 13:36
Lab Sample ID: vstd50 Quant Type: ISTD
Method: \\QPITPA02\d\chem\hp3.i\3110606d.b\8260bsoil.m

	COMPOUND	RRF	RF50	MIN RRF	%D	MAX %D	
$	39 Dibromofluoromethane	0.21526	0.21160	0.010	-1.7	25.0	
$	43 1,2-Dichloroethane-d4	0.21064	0.18523	0.010	-12.1	25.0	
$	59 Toluene-d8	4.14361	4.39638	0.010	6.1	25.0	
$	80 Bromofluorobenzene	1.49203	1.44821	0.010	-2.9	25.0	
	1 Dichlorodifluoromethane	0.29322	0.27490	0.010	-6.2	25.0	
	2 Chloromethane	0.36766	0.36385	0.100	-1.0	25.0	
	3 Vinyl Chloride	0.35517	0.35610	0.010	0.3	20.0	
	4 Bromomethane	0.08713	0.08887	0.010	2.0	25.0	
	5 Chloroethane	0.08127	0.08296	0.010	2.1	25.0	
	6 Trichlorofluoromethane	0.28848	0.24397	0.010	-15.4	25.0	
	10 1,1,2-trichloro-1,2,2-trifl	0.26667	0.26016	0.010	-2.4	25.0	
	12 1,1-Dichloroethene	0.24805	0.24419	0.010	-1.6	20.0	
	15 Carbon Disulfide	0.79985	0.78610	0.010	-1.7	25.0	
	13 Acetone	250	187	0.010	25.1	25.0	<-
	18 Methylene Chloride	250 ng.	213	0.010	14.9	25.0	
	19 trans-1,2-Dichloroethene	0.28511	0.27993	0.010	-1.8	25.0	
	20 Methyl tert-butyl ether	0.61914	0.56739	0.010	-8.4	25.0	
	24 1,1-Dichloroethane	0.47504	0.45365	0.100	-4.5	25.0	
	27 2,2-Dichloropropane	0.27317	0.26939	0.010	-1.4	25.0	
	28 cis-1,2-dichloroethene	0.29651	0.29515	0.010	-0.5	25.0	
M	29 1,2-Dichloroethene (total)	0.29081	0.28754	0.010	-1.1	25.0	
	30 Bromochloromethane	0.12485	0.12178	0.010	-2.5	25.0	
	31 2-Butanone	0.07164	0.06729	0.010	-6.1	25.0	
	37 Chloroform	0.41753	0.40074	0.010	-4.0	20.0	
	38 1,1,1-Trichloroethane	0.35533	0.34342	0.010	-3.4	25.0	
	40 1,1-Dichloropropene	0.37572	0.35278	0.010	-6.1	25.0	
	41 Carbon Tetrachloride	0.29616	0.29197	0.010	-1.4	25.0	
	42 Benzene	1.14710	1.12636	0.010	-1.8	25.0	
	45 1,2-Dichloroethane	0.26626	0.23709	0.010	-11.0	25.0	
	47 Trichloroethene	0.29602	0.29340	0.010	-0.9	25.0	
	49 1,2-Dichloropropane	0.27010	0.25769	0.010	-4.6	20.0	
	50 Dibromomethane	0.11599	0.11038	0.010	-4.8	25.0	
	52 1,4-Dioxane	0.00212	0.00195	0.001	-8.2	25.0	
	53 Bromodichloromethane	0.26727	0.25442	0.010	-4.8	25.0	
	57 cis-1,3-Dichloropropene	0.38206	0.36288	0.010	-5.0	25.0	

STL Pittsburgh

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: hp3.i Injection Date: 06-NOV-2006 05:30 LLS
Lab File ID: 1C31106.D Init. Cal. Date(s): 15-JUL-2006 21-SEP-2006
Analysis Type: SOIL Init. Cal. Times: 05:22 13:36
Lab Sample ID: vstd50 Quant Type: ISTD
Method: \\QPITPA02\d\chem\hp3.i\3110606d.b\8260bsoil.m

	COMPOUND	RRF	RF50	MIN RRF	%D	MAX %D
	58 4-Methyl-2-Pentanone	0.79950	0.87004	0.010	8.8	25.0
	60 Toluene	5.25139	5.59697	0.010	6.6	20.0
	61 trans-1,3-Dichloropropene	1.30118	1.36791	0.010	5.1	25.0
	63 1,3-Dichloropropane	1.42381	1.47520	0.010	3.6	25.0
	64 1,1,2-Trichloroethane	0.78274	0.83548	0.010	6.7	25.0
	65 Tetrachloroethene	1.00021	1.08753	0.010	8.7	25.0
	66 2-Hexanone	0.48532	0.50279	0.010	3.6	25.0
	67 Dibromochloromethane	0.73283	0.81248	0.010	10.9	25.0
	68 1,2-Dibromoethane	0.75525	0.80087	0.010	6.0	25.0
	70 Chlorobenzene	3.18261	3.41495	0.300	7.3	25.0
	71 1,1,1,2-Tetrachloroethane	1.00217	1.09408	0.010	9.2	25.0
	72 Ethylbenzene	1.85542	1.96639	0.010	6.0	20.0
	73 m + p-Xylene	2.27277	2.40077	0.010	5.6	25.0
	74 Xylene-o	2.21287	2.36968	0.010	7.1	25.0
M	75 Xylenes (total)	2.25280	2.39041	0.010	6.1	25.0
	76 Styrene	3.55141	3.71500	0.010	4.6	25.0
	77 Bromoform	0.42624	0.48451	0.100	13.7	25.0
	78 Isopropylbenzene	5.80754	6.23530	0.010	7.4	25.0
	79 Bromobenzene	0.86366	0.84208	0.010	-2.5	25.0
	83 1,1,2,2-Tetrachloroethane	0.93401	1.02060	0.300	9.3	25.0
	84 1,2,3-Trichloropropane	0.20237	0.19603	0.010	-3.1	25.0
	86 1,3,5-Trimethylbenzene	3.37144	3.34979	0.010	-0.6	25.0
	87 tert-Butylbenzene	3.11340	3.20192	0.010	2.8	25.0
	88 1,2,4-Trimethylbenzene	3.41739	3.31723	0.010	-2.9	25.0
	90 4-Isopropyltoluene	3.91333	3.93244	0.010	0.5	25.0
	91 1,3-Dichlorobenzene	1.79578	1.76874	0.010	-1.5	25.0
	93 1,4-Dichlorobenzene	1.81468	1.78918	0.010	-1.4	25.0
	95 1,2-Dichlorobenzene	1.65374	1.62608	0.010	-1.7	25.0
	96 1,2-Dibromo-3-chloropropane	0.11752	0.12530	0.010	6.6	25.0
	97 1,2,4-Trichlorobenzene	1.22430	1.24011	0.010	1.3	25.0
	156 Methyl Acetate	0.20490	0.16381	0.010	-20.1	25.0
	157 Cyclohexane	0.59233	0.57546	0.010	-2.8	25.0
	158 Methyl Cyclohexane	0.58035	0.57180	0.010	-1.5	25.0

STL Pittsburgh

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: hp3.i Injection Date: 08-NOV-2006 05:02 MLS
Lab File ID: CC31108.D Init. Cal. Date(s): 19-JUL-2006 15-AUG-2006
Analysis Type: SOIL Init. Cal. Times: 04:54 07:01
Lab Sample ID: vstd50 Quant Type: ISTD
Method: \\QPITPA02\d\chem\hp3.i\3110806d.b\med500.m

	COMPOUND	RRF	RF50	MIN RRF	%D	MAX %D	
$	39 Dibromofluoromethane	0.21901	0.21081	0.010	-3.7	25.0	
$	43 1,2-Dichloroethane-d4	0.24849	0.23063	0.010	-7.2	25.0	
$	59 Toluene-d8	4.15745	3.96002	0.010	-4.7	25.0	
$	80 Bromofluorobenzene	1.59766	1.46536	0.010	-8.3	25.0	
	1 Dichlorodifluoromethane	0.18877	0.21369	0.010	13.2	25.0	
	2 Chloromethane	0.31162	0.31698	0.100	1.7	25.0	
	3 Vinyl Chloride	0.29719	0.28981	0.010	-2.5	20.0	
	4 Bromomethane	0.08484	0.09017	0.010	6.3	25.0	
	5 Chloroethane	0.07593	0.13166	0.010	73.4	25.0	<-
	6 Trichlorofluoromethane	0.25289	0.19772	0.010	-21.8	25.0	
	10 1,1,2-trichloro-1,2,2-trifl	0.19244	0.18480	0.010	-4.0	25.0	
	12 1,1-Dichloroethene	0.21763	0.20269	0.010	-6.9	20.0	
	15 Carbon Disulfide	0.68112	0.60959	0.010	-10.5	25.0	
	13 Acetone	0.06696	0.08797	0.010	31.4	25.0	<-
	18 Methylene Chloride	0.28181	0.28084	0.010	-0.3	25.0	
	19 trans-1,2-Dichloroethene	0.26361	0.24791	0.010	-6.0	25.0	
	20 Methyl tert-butyl ether	0.76047	0.77596	0.010	2.0	25.0	
	24 1,1-Dichloroethane	0.44908	0.44105	0.100	-1.8	25.0	
	27 2,2-Dichloropropane	0.26603	0.21060	0.010	-20.8	25.0	
	28 cis-1,2-dichloroethene	0.29321	0.28526	0.010	-2.7	25.0	
M	29 1,2-Dichloroethene (total)	0.27841	0.26658	0.010	-4.2	25.0	
	30 Bromochloromethane	0.13769	0.13640	0.010	-0.9	25.0	
	31 2-Butanone	0.11218	0.11496	0.010	2.5	25.0	
	37 Chloroform	0.40968	0.40513	0.010	-1.1	20.0	
	38 1,1,1-Trichloroethane	0.33155	0.29851	0.010	-10.0	25.0	
	40 1,1-Dichloropropene	0.33603	0.31412	0.010	-6.5	25.0	
	41 Carbon Tetrachloride	0.26487	0.23692	0.010	-10.6	25.0	
	42 Benzene	1.12588	1.08169	0.010	-3.9	25.0	
	45 1,2-Dichloroethane	0.32246	0.30043	0.010	-6.8	25.0	
	47 Trichloroethene	0.27839	0.26470	0.010	-4.9	25.0	
	49 1,2-Dichloropropane	0.27767	0.28179	0.010	1.5	20.0	
	50 Dibromomethane	0.14600	0.14642	0.010	0.3	25.0	
	53 Bromodichloromethane	0.29096	0.28391	0.010	-2.4	25.0	
	57 cis-1,3-Dichloropropene	0.43473	0.42256	0.010	-2.8	25.0	
	58 4-Methyl-2-Pentanone	1.24417	1.37571	0.010	10.6	25.0	

STL Pittsburgh

CONTINUING CALIBRATION COMPOUNDS

MLS

Instrument ID: hp3.i Injection Date: 08-NOV-2006 05:02
Lab File ID: CC31108.D Init. Cal. Date(s): 19-JUL-2006 15-AUG-2006
Analysis Type: SOIL Init. Cal. Times: 04:54 07:01
Lab Sample ID: vstd50 Quant Type: ISTD
Method: \\QPITPA02\d\chem\hp3.i\3110806d.b\med500.m

	COMPOUND	RRF	RF50	MIN RRF	%D	MAX %D
	60 Toluene	5.18154	4.99165	0.010	-3.7	20.0
	61 trans-1,3-Dichloropropene	1.66989	1.64743	0.010	-1.3	25.0
	63 1,3-Dichloropropane	1.86172	1.90247	0.010	2.2	25.0
	64 1,1,2-Trichloroethane	1.02931	1.05902	0.010	2.9	25.0
	65 Tetrachloroethene	0.88064	0.81947	0.010	-6.9	25.0
	66 2-Hexanone	0.74201	0.76214	0.010	2.7	25.0
	67 Dibromochloromethane	0.94029	0.95597	0.010	1.7	25.0
	68 1,2-Dibromoethane	1.02855	1.05498	0.010	2.6	25.0
	70 Chlorobenzene	3.35121	3.28126	0.300	-2.1	25.0
	71 1,1,1,2-Tetrachloroethane	1.06040	1.06011	0.010	-0.0	25.0
	72 Ethylbenzene	1.80551	1.70579	0.010	-5.5	20.0
	73 m + p-Xylene	2.24221	2.09153	0.010	-6.7	25.0
	74 Xylene-o	2.22138	2.08903	0.010	-6.0	25.0
M	75 Xylenes (total)	2.23527	2.09069	0.010	-6.5	25.0
	76 Styrene	3.96059	3.68466	0.010	-7.0	25.0
	77 Bromoform	0.65806	0.62979	0.100	-4.3	25.0
	78 Isopropylbenzene	4.89298	4.66524	0.010	-4.7	25.0
	79 Bromobenzene	0.90648	0.91135	0.010	0.5	25.0
	81 n-Propylbenzene	0.91202	0.90627	0.010	-0.6	25.0
	82 2-Chlorotoluene	0.81526	0.81851	0.010	0.4	25.0
	83 1,1,2,2-Tetrachloroethane	0.92691	0.98434	0.300	6.2	25.0
	84 1,2,3-Trichloropropane	0.29495	0.30919	0.010	4.8	25.0
	85 4-Chlorotoluene	0.87398	0.87390	0.010	-0.0	25.0
	86 1,3,5-Trimethylbenzene	2.65561	2.62775	0.010	-1.0	25.0
	87 tert-Butylbenzene	2.18995	2.22319	0.010	1.5	25.0
	88 1,2,4-Trimethylbenzene	2.78911	2.76935	0.010	-0.7	25.0
	89 sec-Butylbenzene	3.04533	3.03548	0.010	-0.3	25.0
	90 4-Isopropyltoluene	2.73841	2.61802	0.010	-4.4	25.0
	91 1,3-Dichlorobenzene	1.66493	1.62395	0.010	-2.5	25.0
	93 1,4-Dichlorobenzene	1.74724	1.71555	0.010	-1.8	25.0
	94 n-Butylbenzene	2.31809	2.20556	0.010	-4.9	25.0
	95 1,2-Dichlorobenzene	1.63690	1.62872	0.010	-0.5	25.0
	96 1,2-Dibromo-3-chloropropane	0.17922	0.17537	0.010	-2.1	25.0
	97 1,2,4-Trichlorobenzene	1.00265	0.91093	0.010	-9.1	25.0
	98 Hexachlorobutadiene	0.36408	0.32604	0.010	-10.5	25.0
	99 Naphthalene	2.79685	2.47373	0.010	-11.6	25.0

STL Pittsburgh

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: hp3.i Injection Date: 08-NOV-2006 05:02
Lab File ID: CC31108.D Init. Cal. Date(s): 19-JUL-2006 15-AUG-2006
Analysis Type: SOIL Init. Cal. Times: 04:54 07:01
Lab Sample ID: vstd50 Quant Type: ISTD
Method: \\QPITPA02\d\chem\hp3.i\3110806d.b\med500.m

COMPOUND	RRF	RF50	MIN RRF	%D	MAX %D
100 1,2,3-Trichlorobenzene	0.89145	0.76614	0.010	-14.1	25.0
155 Methyl Acetate	0.25259	0.28117	0.010	11.3	25.0
156 Cyclohexane	0.39223	0.38470	0.010	-1.9	25.0
157 Methyl Cyclohexane	0.32231	0.30578	0.010	-5.1	25.0

SW846 8270C SURROGATE RECOVERY

Lab Name: Severn Trent Laboratories, Inc. Client: The RETEC Group, Inc.

Lab Code: STLPIT SDG No:

Lot #: C6K030390

Extraction: XXA4FQL01

	CLIENT ID.	SRG01	SRG02	SRG03	SRG04	SRG05	SRG06	TOT OUT
01	TP7S(7.5)(HORZ 0-10)	0 D	0 D	0 D	0 D	0 D	0 D	06
02	TP5(7)(HORZ 15)	0 D	0 D	0 D	0 D	0 D	0 D	06
03	SB-13(0-11)	50	63	64	59	64	54	00
04	SB-18(10-11)	62	72	68	66	67	62	00
05	SB-18(18.5-20)	43	51	47	46	48	45	00
06	SB-21(9-10)	58	72	70	66	71	61	00
07	SB-24(13.5-14.5)	50	62	60	57	58	51	00
08	SB-24(20-21)	53	59	54	53	56	52	00
09	SB-19(23-24.5)	64	69	67	63	68	61	00
10	SB-20(30-32.5)	63	78	71	72	75	62	00
11	SB-20(30-32.5) RE-1 DL	0 D	0 D	0 D	0 D	0 D	0 D	06
12	SB-20(38.5-40)	64	68	68	64	67	73	00
13	SB-20(16.5-18)	60	62	56	53	58	59	00
14	METHOD BLK. JH6A01AA	56	61	57	59	61	66	00
15	LCS JH6A01AC	76	72	64	66	65	72	00
16	SB-24(20-21) D	64	60	51	49	51	54	00
17	SB-24(20-21) S	64	60	51	50	51	56	00

SURROGATES		QC LIMITS
SRG01	= 2,4,6-Tribromophenol	(21-144)
SRG02	= 2-Fluorobiphenyl	(26-128)
SRG03	= 2-Fluorophenol	(34-115)
SRG04	= Nitrobenzene-d5	(30-118)
SRG05	= Phenol-d5	(35-117)
SRG06	= Terphenyl-d14	(40-115)

\# Column to be used to flag recovery values
* Values outside of required QC Limits
D System monitoring Compound diluted out

FORM II

STL Pittsburgh

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: 731.i Injection Date: 21-NOV-2006 09:48
Lab File ID: V11210CC.D Init. Cal. Date(s): 17-NOV-2006 17-NOV-2006
Analysis Type: Init. Cal. Times: 13:39 15:58
Lab Sample ID: SSTD050 Quant Type: ISTD
Method: \\QPITPA02\D\chem\731.i\V112106.b\8270b.m

	COMPOUND	RRF	RF50	MIN RRF	%D	MAX %D
220	Benzaldehyde	0.61436	0.66795	0.010	8.7	25.0
198	1,4-Dioxane	0.25856	0.27198	0.010	5.2	25.0
10	N-Nitrosodimethylamine	0.35428	0.39750	0.010	12.2	25.0
9	Pyridine	0.72670	0.82958	0.010	14.2	25.0
16	Methyl methanesulfonate	0.52091	0.53370	0.010	2.5	25.0
21	Aniline	1.54927	1.44304	0.010	-6.9	25.0
22	Phenol	1.38620	1.52951	0.010	10.3	20.0
23	bis(2-Chloroethyl)ether	1.10833	1.17726	0.010	6.2	25.0
24	2-Chlorophenol	1.28083	1.37734	0.010	7.5	25.0
26	1,3-Dichlorobenzene	1.47461	1.61066	0.010	9.2	25.0
27	1,4-Dichlorobenzene	1.49097	1.64492	0.010	10.3	20.0
28	1,2-Dichlorobenzene	1.43192	1.55225	0.010	8.4	25.0
29	Benzyl Alcohol	0.82016	0.89579	0.010	9.2	25.0
30	2-Methylphenol	1.14535	1.20977	0.010	5.6	25.0
31	2,2'-oxybis(1-Chloropropane	1.47542	1.44456	0.010	-2.1	25.0
37	Acetophenone	1.63227	1.65711	0.010	1.5	25.0
32	N-Nitroso-di-n-propylamine	0.78767	0.78812	0.050	0.1	30.0
192	4-Methylphenol	1.19016	1.18892	0.010	-0.1	25.0
34	Hexachloroethane	0.63470	0.67093	0.010	5.7	25.0
35	Nitrobenzene	0.29553	0.32313	0.010	9.3	25.0
41	Isophorone	0.54528	0.57078	0.010	4.7	25.0
42	2-Nitrophenol	0.16773	0.18564	0.010	10.7	20.0
43	2,4-Dimethylphenol	0.27510	0.28663	0.010	4.2	25.0
44	bis(2-Chloroethoxy)methane	0.34924	0.36833	0.010	5.5	25.0
48	2,4-Dichlorophenol	0.28381	0.30802	0.010	8.5	20.0
54	2,6-Dichlorophenol	0.30142	0.33150	0.010	10.0	25.0
49	Benzoic Acid	0.21188	0.17016	0.010	-19.7	25.0
50	1,2,4-Trichlorobenzene	0.31592	0.34838	0.010	10.3	25.0
51	Naphthalene	0.94018	1.02328	0.010	8.8	25.0
52	4-Chloroaniline	0.40087	0.42769	0.010	6.7	25.0
56	Hexachlorobutadiene	0.18231	0.20998	0.010	15.2	20.0
221	Caprolactam	0.10272	0.10099	0.010	-1.7	25.0
59	4-Chloro-3-Methylphenol	0.28300	0.30144	0.010	6.5	20.0
62	2-Methylnaphthalene	0.69492	0.74489	0.010	7.2	25.0
205	1-Methylnaphthalene	0.62802	0.64357	0.010	2.5	25.0

STL Pittsburgh

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: 731.i Injection Date: 21-NOV-2006 09:48
Lab File ID: V11210CC.D Init. Cal. Date(s): 17-NOV-2006 17-NOV-2006
Analysis Type: Init. Cal. Times: 13:39 15:58
Lab Sample ID: SSTD050 Quant Type: ISTD
Method: \\QPITPA02\D\chem\731.i\V112106.b\8270b.m

	COMPOUND	RRF	RF50	MIN RRF	%D	MAX %D	
64	Hexachlorocyclopentadiene	0.25781	0.19319	0.050	-25.1	25.0	<-
66	2,4,6-Trichlorophenol	0.33667	0.35584	0.010	5.7	20.0	
67	2,4,5-Trichlorophenol	0.36399	0.39474	0.010	8.4	25.0	
222	1,1'-Biphenyl	1.25476	1.32058	0.010	5.2	25.0	
70	2-Chloronaphthalene	1.01154	1.09668	0.010	8.4	25.0	
73	2-Nitroaniline	0.25720	0.27102	0.010	5.4	25.0	
76	Dimethylphthalate	1.12154	1.22387	0.010	9.1	25.0	
78	2,6-Dinitrotoluene	0.24159	0.26418	0.010	9.3	25.0	
79	Acenaphthylene	1.67043	1.77823	0.010	6.5	25.0	
81	3-Nitroaniline	0.29687	0.31874	0.010	7.4	25.0	
82	Acenaphthene	1.01945	1.11589	0.010	9.5	20.0	
83	2,4-Dinitrophenol	0.08506	0.08838	0.050	3.9	60.0	
85	4-Nitrophenol	0.14266	0.14840	0.050	4.0	25.0	
86	Dibenzofuran	1.52516	1.65783	0.010	8.7	25.0	
87	2,4-Dinitrotoluene	0.32298	0.36393	0.010	12.7	25.0	
91	2,3,5,6-Tetrachlorophenol	0.30046	0.27093	0.010	-9.8	25.0	
88	2,3,4,6-Tetrachlorophenol	0.29286	0.28734	0.010	-1.9	25.0	
92	2-Naphthylamine	0.78659	0.78712	0.010	0.1	25.0	
93	Diethylphthalate	1.17217	1.27266	0.010	8.6	25.0	
94	Fluorene	1.13293	1.29401	0.010	14.2	25.0	
95	4-Chlorophenyl-phenylether	0.53451	0.62631	0.010	17.2	25.0	
96	4-Nitroaniline	0.29997	0.34136	0.010	13.8	25.0	
98	4,6-Dinitro-2-methylphenol	0.08036	0.09647	0.010	20.0	25.0	
99	N-Nitrosodiphenylamine	0.53924	0.56132	0.010	4.1	20.0	
100	1,2-Diphenylhydrazine	0.67623	0.67892	0.010	0.4	25.0	
106	4-Bromophenyl-phenylether	0.20734	0.23005	0.010	10.9	25.0	
107	Hexachlorobenzene	0.21868	0.24265	0.010	11.0	25.0	
223	Atrazine	0.18493	0.19017	0.010	2.8	25.0	
111	Pentachlorophenol	0.15268	0.14052	0.020	-8.0	20.0	
115	Phenanthrene	1.11624	1.18236	0.010	5.9	25.0	
116	Anthracene	1.10576	1.17194	0.010	6.0	25.0	
119	Carbazole	1.03824	1.11034	0.010	6.9	25.0	
120	Di-n-Butylphthalate	1.27363	1.34653	0.010	5.7	25.0	
123	Fluoranthene	1.22528	1.34189	0.010	9.5	20.0	
124	Benzidine	0.76475	0.71108	0.010	-7.0	25.0	

Not used
GAM 01/17/07

STL Pittsburgh

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: 731.i Injection Date: 21-NOV-2006 09:48
Lab File ID: V11210CC.D Init. Cal. Date(s): 17-NOV-2006 17-NOV-2006
Analysis Type: Init. Cal. Times: 13:39 15:58
Lab Sample ID: SSTD050 Quant Type: ISTD
Method: \\QPITPA02\D\chem\731.i\V112106.b\8270b.m

	COMPOUND	RRF	RF50	MIN RRF	%D	MAX %D
	125 Pyrene	1.26261	1.27796	0.010	1.2	25.0
	131 Butylbenzylphthalate	0.57933	0.57668	0.010	-0.5	25.0
	135 3,3'-Dichlorobenzidine	0.55103	0.60073	0.010	9.0	25.0
	136 Benzo(a)Anthracene	1.19790	1.25394	0.010	4.7	25.0
	137 Chrysene	1.10752	1.15587	0.010	4.4	25.0
	139 bis(2-ethylhexyl)Phthalate	0.79226	0.82421	0.010	4.0	25.0
	140 Di-n-octylphthalate	1.31228	1.45870	0.010	11.2	20.0
	141 Benzo(b)fluoranthene	1.16653	1.27097	0.010	9.0	25.0
	142 Benzo(k)fluoranthene	1.17295	1.21604	0.010	3.7	25.0
	143 7,12-dimethylbenz[a]anthrac	0.47865	0.52350	0.010	9.4	25.0
	146 Benzo(a)pyrene	1.08113	1.12073	0.010	3.7	20.0
	149 Indeno(1,2,3-cd)pyrene	1.36043	1.38501	0.010	1.8	25.0
	150 Dibenz(a,h)anthracene	1.16600	1.16349	0.010	-0.2	25.0
	151 Benzo(g,h,i)perylene	1.16940	1.20326	0.010	2.9	25.0
$	154 Nitrobenzene-d5	0.30313	0.32540	0.010	7.3	25.0
$	155 2-Fluorobiphenyl	1.07964	1.18082	0.010	9.4	25.0
$	156 Terphenyl-d14	0.89633	0.93881	0.010	4.7	25.0
$	157 Phenol-d5	1.35312	1.46107	0.010	8.0	25.0
$	158 2-Fluorophenol	0.94920	1.05122	0.010	10.7	25.0
$	159 2,4,6-Tribromophenol	0.09556	0.10328	0.010	8.1	25.0
$	186 2-Chlorophenol-d4	1.30817	1.41692	0.010	8.3	25.0
$	187 1,2-Dichlorobenzene-d4	0.92418	0.99262	0.010	7.4	25.0

METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: C6K030390 **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: C6K140000-071 **Prep Batch #...:** 6318071						
Silver	ND	0.50	mg/kg	SW846 6010B	11/16-11/17/06	JJLX81AG
		Dilution Factor: 1				
		Analysis Time..: 14:27		Analyst ID.....: 402249	Instrument ID..: TRA	
Aluminum	**1.3 B**	**20.0**	**mg/kg**	**SW846 6010B**	**11/16-11/17/06**	**JJLX81AH**
		Dilution Factor: 1				
		Analysis Time..: 14:27		Analyst ID.....: 402249	Instrument ID..: TRA	
Arsenic	ND	1.0	mg/kg	SW846 6010B	11/16-11/17/06	JJLX81AJ
		Dilution Factor: 1				
		Analysis Time..: 14:27		Analyst ID.....: 402249	Instrument ID..: TRA	
Barium	ND	20.0	mg/kg	SW846 6010B	11/16-11/17/06	JJLX81AK
		Dilution Factor: 1				
		Analysis Time..: 14:27		Analyst ID.....: 402249	Instrument ID..: TRA	
Beryllium	ND	0.40	mg/kg	SW846 6010B	11/16-11/17/06	JJLX81AL
		Dilution Factor: 1				
		Analysis Time..: 14:27		Analyst ID.....: 402249	Instrument ID..: TRA	
Calcium	ND	500	mg/kg	SW846 6010B	11/16-11/17/06	JJLX81AM
		Dilution Factor: 1				
		Analysis Time..: 14:27		Analyst ID.....: 402249	Instrument ID..: TRA	
Cadmium	ND	0.50	mg/kg	SW846 6010B	11/16-11/17/06	JJLX81AN
		Dilution Factor: 1				
		Analysis Time..: 14:27		Analyst ID.....: 402249	Instrument ID..: TRA	
Cobalt	ND	5.0	mg/kg	SW846 6010B	11/16-11/17/06	JJLX81AP
		Dilution Factor: 1				
		Analysis Time..: 14:27		Analyst ID.....: 402249	Instrument ID..: TRA	
Chromium	ND	0.50	mg/kg	SW846 6010B	11/16-11/17/06	JJLX81AQ
		Dilution Factor: 1				
		Analysis Time..: 14:27		Analyst ID.....: 402249	Instrument ID..: TRA	
Copper	**0.18 B**	**2.5**	**mg/kg**	**SW846 6010B**	**11/16-11/17/06**	**JJLX81AR**
		Dilution Factor: 1				
		Analysis Time..: 14:27		Analyst ID.....: 402249	Instrument ID..: TRA	
Iron	ND	10.0	mg/kg	SW846 6010B	11/16-11/17/06	JJLX81AT
		Dilution Factor: 1				
		Analysis Time..: 14:27		Analyst ID.....: 402249	Instrument ID..: TRA	

(Continued on next page)

METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: C6K030390 **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Potassium	**11.6 B**	**500**	**mg/kg**	**SW846 6010B**	**11/16-11/17/06**	**JJLX81AU**
		Dilution Factor: 1				
		Analysis Time..: 14:27		Analyst ID.....: 402249	Instrument ID..: TRA	
Magnesium	ND	500	mg/kg	SW846 6010B	11/16-11/17/06	JJLX81AV
		Dilution Factor: 1				
		Analysis Time..: 14:27		Analyst ID.....: 402249	Instrument ID..: TRA	
Manganese	ND	1.5	mg/kg	SW846 6010B	11/16-11/17/06	JJLX81AW
		Dilution Factor: 1				
		Analysis Time..: 14:27		Analyst ID.....: 402249	Instrument ID..: TRA	
Sodium	ND	500	mg/kg	SW846 6010B	11/16-11/17/06	JJLX81AX
		Dilution Factor: 1				
		Analysis Time..: 14:27		Analyst ID.....: 402249	Instrument ID..: TRA	
Nickel	ND	4.0	mg/kg	SW846 6010B	11/16-11/17/06	JJLX81A0
		Dilution Factor: 1				
		Analysis Time..: 14:27		Analyst ID.....: 402249	Instrument ID..: TRA	
Lead	ND	0.30	mg/kg	SW846 6010B	11/16-11/17/06	JJLX81A1
		Dilution Factor: 1				
		Analysis Time..: 14:27		Analyst ID.....: 402249	Instrument ID..: TRA	
Selenium	ND	0.50	mg/kg	SW846 6010B	11/16-11/17/06	JJLX81AA
		Dilution Factor: 1				
		Analysis Time..: 14:27		Analyst ID.....: 402249	Instrument ID..: TRA	
Thallium	ND	1.0	mg/kg	SW846 6010B	11/16-11/17/06	JJLX81AC
		Dilution Factor: 1				
		Analysis Time..: 14:27		Analyst ID.....: 402249	Instrument ID..: TRA	
Antimony	**0.52 B**	**1.0**	**mg/kg**	**SW846 6010B**	**11/16-11/17/06**	**JJLX81AD**
		Dilution Factor: 1				
		Analysis Time..: 14:27		Analyst ID.....: 402249	Instrument ID..: TRA	
Vanadium	ND	5.0	mg/kg	SW846 6010B	11/16-11/17/06	JJLX81AE
		Dilution Factor: 1				
		Analysis Time..: 14:27		Analyst ID.....: 402249	Instrument ID..: TRA	
Zinc	ND	2.0	mg/kg	SW846 6010B	11/16-11/17/06	JJLX81AF
		Dilution Factor: 1				
		Analysis Time..: 14:27		Analyst ID.....: 402249	Instrument ID..: TRA	

(Continued on next page)

METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: C6K030390 **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: C6K200000-025 **Prep Batch #...:** 6324025						
Mercury	ND	0.033	mg/kg	SW846 7471A	11/20/06	JJ3KR1AA

Dilution Factor: 1
Analysis Time..: 09:15 Analyst ID.....: 031043 Instrument ID..: HGH

NOTE(S):

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

B Estimated result. Result is less than RL.

STL-Pittsburgh

Metals Data Reporting Form

Initial Calibration Blank Results

Instrument: ICPST **Units:** ug/L

Chart Number: N61117D.ARC

Standard Source: _____ **Standard ID:** _____

Element	WL/ Mass	Report Limit	ICB1 11/17/2006 2:05 PM Found	Q	Found	Q	Found	Q	Found	Q	Found	Q
Aluminum	308.215	200	8.0	U								
Antimony	206.838	10	3.2	U								
Arsenic	189.042	10	3.3	U								
Barium	493.409	200	1.0	U								
Beryllium	313.042	4	0.4	U								
Cadmium	226.502	5	0.7	U								
Calcium	317.933	5000	39.5	U								
Chromium	267.716	5	0.9	U								
Cobalt	228.616	50	0.5	U								
Copper	324.753	25	1.2	U								
Iron	271.441	100	18.0	U								
Lead	220.353	3	1.6	U								
Magnesium	279.078	5000	10.2	U								
Manganese	257.61	15	0.1	U								
Nickel	231.604	40	1.2	U								
Potassium	766.491	5000	**105.0**	**B**								
Selenium	220.353	5	2.6	U								
Silver	328.068	5	0.3	U								
Sodium	330.232	5000	157.0	U								
Thallium	190.864	10	4.6	U								
Vanadium	292.402	50	1.0	U								
Zinc	206.2	20	**2.6**	**B**								

5.04.5

U Result is less than the MDL
B Result is between MDL and RL

Form 3 Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Continuing Calibration Blank Result

Instrument: ICPST **Units:** ug/L

Chart Number: N61117D.ARC

Standard Source: _____ **Standard ID:** _____

Element	WL/ Mass	Report Limit	CCB2 11/17/2006 4:17 PM Found	Q	CCB3 11/17/2006 5:24 PM Found	Q	CCB4 11/17/2006 6:30 PM Found	Q	Found	Q	Found	Q
Aluminum	308.215	200	**-20.0**	**B**	**-22.0**	**B**	**-25.0**	**B**				
Antimony	206.838	10	3.2	U	3.2	U	3.2	U				
Arsenic	189.042	10	3.3	U	3.3	U	3.3	U				
Barium	493.409	200	1.0	U	1.0	U	1.0	U				
Beryllium	313.042	4	0.4	U	0.4	U	0.4	U				
Cadmium	226.502	5	0.7	U	0.7	U	0.7	U				
Calcium	317.933	5000	39.5	U	39.5	U	39.5	U				
Chromium	267.716	5	0.9	U	0.9	U	0.9	U				
Cobalt	228.616	50	0.5	U	0.5	U	0.5	U				
Copper	324.753	25	1.2	U	1.2	U	1.2	U				
Iron	271.441	100	18.0	U	18.0	U	18.0	U				
Lead	220.353	3	1.6	U	1.6	U	1.6	U				
Magnesium	279.078	5000	10.2	U	10.2	U	10.2	U				
Manganese	257.61	15	**-0.3**	**B**	**-0.3**	**B**	**-0.3**	**B**				
Nickel	231.604	40	1.2	U	1.2	U	1.2	U				
Potassium	766.491	5000	**106.0**	**B**	**103.0**	**B**	**108.0**	**B**				
Selenium	220.353	5	2.6	U	2.6	U	2.6	U				
Silver	328.068	5	0.3	U	0.3	U	0.3	U				
Sodium	330.232	5000	157.0	U	157.0	U	157.0	U				
Thallium	190.864	10	4.6	U	4.6	U	**5.0**	**B**				
Vanadium	292.402	50	1.0	U	1.0	U	1.0	U				
Zinc	206.2	20	1.7	U	**2.0**	**B**	1.7	U				

5.04.5

U Result is less than the MDL
B Result is between MDL and RL

Form 3 Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Serial Dilution RPD Report

Serial Dilution Sample ID: JHX7FP

Original Sample ID: JHX7F **Client ID:** SB-24(20-21)P

Matrix: Soil **Units:** mg/kg **Prep Date:** 11/16/2006 **Prep Batch:** 6318071

Weight: 1.00 **Volume:** 100 **Percent Moisture:** 44.268

Element	WL/ Mass	OS Conc	Q	Serial Dilution Conc	Q	Percent Diff	OS DF	Ser Dil DF	Instr	OS Anal Date	OS Anal Time	Ser Dil Anal Date	Ser Dil Anal Time
Aluminum	308.215	11100		11800		5.8	1	5	ICPST	11/17/2006	16:40	11/17/2006	16:45
Antimony	206.838	0.57	U	2.9	U		1	5	ICPST	11/17/2006	16:40	11/17/2006	16:45
Arsenic	189.042	6.4		6.5	B	2.7	1	5	ICPST	11/17/2006	16:40	11/17/2006	16:45
Barium	493.409	72.1		75.3	B	4.5	1	5	ICPST	11/17/2006	16:40	11/17/2006	16:45
Beryllium	313.042	0.98		0.92	B	6.3	1	5	ICPST	11/17/2006	16:40	11/17/2006	16:45
Cadmium	226.502	0.12	U	0.62	U		1	5	ICPST	11/17/2006	16:40	11/17/2006	16:45
Calcium	317.933	12200		13200		7.7	1	5	ICPST	11/17/2006	16:40	11/17/2006	16:45
Chromium	267.716	17.1		18.6		8.4	1	5	ICPST	11/17/2006	16:40	11/17/2006	16:45
Cobalt	228.616	12.5		13.4	B	7.0	1	5	ICPST	11/17/2006	16:40	11/17/2006	16:45
Copper	324.753	27.1		28.5		5.2	1	5	ICPST	11/17/2006	16:40	11/17/2006	16:45
Iron	271.441	25000		26900		7.3	1	5	ICPST	11/17/2006	16:40	11/17/2006	16:45
Lead	220.353	11.5		13.2		15.4	1	5	ICPST	11/17/2006	16:40	11/17/2006	16:45
Magnesium	279.078	6720		7180		6.8	1	5	ICPST	11/17/2006	16:40	11/17/2006	16:45
Manganese	257.61	335		358		6.8	1	5	ICPST	11/17/2006	16:40	11/17/2006	16:45
Nickel	231.604	26.6		28.4	B	7.1	1	5	ICPST	11/17/2006	16:40	11/17/2006	16:45
Potassium	766.491	1100		1160	B	4.9	1	5	ICPST	11/17/2006	16:40	11/17/2006	16:45
Selenium	220.353	1.7		2.4	B	39.6	1	5	ICPST	11/17/2006	16:40	11/17/2006	16:45
Silver	328.068	0.054	U	0.27	U		1	5	ICPST	11/17/2006	16:40	11/17/2006	16:45
Sodium	330.232	167	B	142	B	14.9	1	5	ICPST	11/17/2006	16:40	11/17/2006	16:45
Thallium	190.864	0.82	U	4.1	U		1	5	ICPST	11/17/2006	16:40	11/17/2006	16:45
Vanadium	292.402	23.7		25.4	B	7.5	1	5	ICPST	11/17/2006	16:40	11/17/2006	16:45
Zinc	206.2	77.9		88.9	E	14.1	1	5	ICPST	11/17/2006	16:40	11/17/2006	16:45

Comments:

5.04.5

U Result is less than the MDL
B Result is between MDL and RL
E Serial dilution percent difference not within limits

Form 9 Equivalent

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: C6K030390 **Matrix.....:** SO
Date Sampled...: 11/01/06 **Date Received..:** 11/03/06

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: C6K030390-008 **Prep Batch #...:** 6318071							
Silver	89	(75 - 125)			SW846 6010B	11/16-11/17/06	JHX7F1A9
	90	(75 - 125)	0.40	(0-20)	SW846 6010B	11/16-11/17/06	JHX7F1CA
		Dilution Factor: 1					
		Analysis Time..: 16:51			Instrument ID..: TRACEICP	Analyst ID.....: 402249	
		MS Run #.....: 6318047					
Aluminum	NC	(75 - 125)			SW846 6010B	11/16-11/17/06	JHX7F1CD
	NC	(75 - 125)		(0-20)	SW846 6010B	11/16-11/17/06	JHX7F1CE
		Dilution Factor: 1					
		Analysis Time..: 16:51			Instrument ID..: TRACEICP	Analyst ID.....: 402249	
		MS Run #.....: 6318047					
Arsenic	88	(75 - 125)			SW846 6010B	11/16-11/17/06	JHX7F1CG
	88	(75 - 125)	0.07	(0-20)	SW846 6010B	11/16-11/17/06	JHX7F1CH
		Dilution Factor: 1					
		Analysis Time..: 16:51			Instrument ID..: TRACEICP	Analyst ID.....: 402249	
		MS Run #.....: 6318047					
Barium	95	(75 - 125)			SW846 6010B	11/16-11/17/06	JHX7F1CK
	95	(75 - 125)	0.43	(0-20)	SW846 6010B	11/16-11/17/06	JHX7F1CL
		Dilution Factor: 1					
		Analysis Time..: 16:51			Instrument ID..: TRACEICP	Analyst ID.....: 402249	
		MS Run #.....: 6318047					
Beryllium	98	(75 - 125)			SW846 6010B	11/16-11/17/06	JHX7F1CN
	98	(75 - 125)	0.11	(0-20)	SW846 6010B	11/16-11/17/06	JHX7F1CP
		Dilution Factor: 1					
		Analysis Time..: 16:51			Instrument ID..: TRACEICP	Analyst ID.....: 402249	
		MS Run #.....: 6318047					
Calcium	110	(75 - 125)			SW846 6010B	11/16-11/17/06	JHX7F1CR
	108	(75 - 125)	0.89	(0-20)	SW846 6010B	11/16-11/17/06	JHX7F1CT
		Dilution Factor: 1					
		Analysis Time..: 16:51			Instrument ID..: TRACEICP	Analyst ID.....: 402249	
		MS Run #.....: 6318047					
Cadmium	80	(75 - 125)			SW846 6010B	11/16-11/17/06	JHX7F1CV
	80	(75 - 125)	0.52	(0-20)	SW846 6010B	11/16-11/17/06	JHX7F1CW
		Dilution Factor: 1					
		Analysis Time..: 16:51			Instrument ID..: TRACEICP	Analyst ID.....: 402249	
		MS Run #.....: 6318047					

(Continued on next page)

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: C6K030390 **Matrix.....:** SO
Date Sampled...: 11/01/06 **Date Received..:** 11/03/06

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Cobalt	88	(75 - 125)			SW846 6010B	11/16-11/17/06	JHX7F1C0
	87	(75 - 125)	1.3	(0-20)	SW846 6010B	11/16-11/17/06	JHX7F1C1
		Dilution Factor: 1					
		Analysis Time..: 16:51			Instrument ID..: TRACEICP	Analyst ID.....: 402249	
		MS Run #.....: 6318047					
Chromium	100	(75 - 125)			SW846 6010B	11/16-11/17/06	JHX7F1C3
	101	(75 - 125)	1.0	(0-20)	SW846 6010B	11/16-11/17/06	JHX7F1C4
		Dilution Factor: 1					
		Analysis Time..: 16:51			Instrument ID..: TRACEICP	Analyst ID.....: 402249	
		MS Run #.....: 6318047					
Copper	92	(75 - 125)			SW846 6010B	11/16-11/17/06	JHX7F1C6
	92	(75 - 125)	0.12	(0-20)	SW846 6010B	11/16-11/17/06	JHX7F1C7
		Dilution Factor: 1					
		Analysis Time..: 16:51			Instrument ID..: TRACEICP	Analyst ID.....: 402249	
		MS Run #.....: 6318047					
Iron	NC	(75 - 125)			SW846 6010B	11/16-11/17/06	JHX7F1C9
	NC	(75 - 125)		(0-20)	SW846 6010B	11/16-11/17/06	JHX7F1DA
		Dilution Factor: 1					
		Analysis Time..: 16:51			Instrument ID..: TRACEICP	Analyst ID.....: 402249	
		MS Run #.....: 6318047					
Potassium	96	(75 - 125)			SW846 6010B	11/16-11/17/06	JHX7F1DD
	99	(75 - 125)	3.4	(0-20)	SW846 6010B	11/16-11/17/06	JHX7F1DE
		Dilution Factor: 1					
		Analysis Time..: 16:51			Instrument ID..: TRACEICP	Analyst ID.....: 402249	
		MS Run #.....: 6318047					
Magnesium	88	(75 - 125)			SW846 6010B	11/16-11/17/06	JHX7F1DG
	93	(75 - 125)	2.9	(0-20)	SW846 6010B	11/16-11/17/06	JHX7F1DH
		Dilution Factor: 1					
		Analysis Time..: 16:51			Instrument ID..: TRACEICP	Analyst ID.....: 402249	
		MS Run #.....: 6318047					
Manganese	72 N	(75 - 125)			SW846 6010B	11/16-11/17/06	JHX7F1DK
	56 N	(75 - 125)	3.5	(0-20)	SW846 6010B	11/16-11/17/06	JHX7F1DL
		Dilution Factor: 1					
		Analysis Time..: 16:51			Instrument ID..: TRACEICP	Analyst ID.....: 402249	
		MS Run #.....: 6318047					

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MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: C6K030390 **Matrix.....:** SO
Date Sampled...: 11/01/06 **Date Received..:** 11/03/06

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	86	(75 - 125)			SW846 6010B	11/16-11/17/06	JHX7F1DN
	87	(75 - 125)	1.4	(0-20)	SW846 6010B	11/16-11/17/06	JHX7F1DP
		Dilution Factor: 1					
		Analysis Time..: 16:51			Instrument ID..: TRACEICP	Analyst ID.....: 402249	
		MS Run #.....: 6318047					
Nickel	86	(75 - 125)			SW846 6010B	11/16-11/17/06	JHX7F1DR
	85	(75 - 125)	0.35	(0-20)	SW846 6010B	11/16-11/17/06	JHX7F1DT
		Dilution Factor: 1					
		Analysis Time..: 16:51			Instrument ID..: TRACEICP	Analyst ID.....: 402249	
		MS Run #.....: 6318047					
Lead	86	(75 - 125)			SW846 6010B	11/16-11/17/06	JHX7F1DV
	86	(75 - 125)	0.14	(0-20)	SW846 6010B	11/16-11/17/06	JHX7F1DW
		Dilution Factor: 1					
		Analysis Time..: 16:51			Instrument ID..: TRACEICP	Analyst ID.....: 402249	
		MS Run #.....: 6318047					
Selenium	84	(75 - 125)			SW846 6010B	11/16-11/17/06	JHX7F1AC
	84	(75 - 125)	0.60	(0-20)	SW846 6010B	11/16-11/17/06	JHX7F1AD
		Dilution Factor: 1					
		Analysis Time..: 16:51			Instrument ID..: TRACEICP	Analyst ID.....: 402249	
		MS Run #.....: 6318047					
Thallium	86	(75 - 125)			SW846 6010B	11/16-11/17/06	JHX7F1AF
	86	(75 - 125)	0.30	(0-20)	SW846 6010B	11/16-11/17/06	JHX7F1AG
		Dilution Factor: 1					
		Analysis Time..: 16:51			Instrument ID..: TRACEICP	Analyst ID.....: 402249	
		MS Run #.....: 6318047					
Antimony	61 N	(75 - 125)			SW846 6010B	11/16-11/17/06	JHX7F1AJ
	62 N	(75 - 125)	0.57	(0-20)	SW846 6010B	11/16-11/17/06	JHX7F1AK
		Dilution Factor: 1					
		Analysis Time..: 16:51			Instrument ID..: TRACEICP	Analyst ID.....: 402249	
		MS Run #.....: 6318047					
Vanadium	99	(75 - 125)			SW846 6010B	11/16-11/17/06	JHX7F1AM
	101	(75 - 125)	1.2	(0-20)	SW846 6010B	11/16-11/17/06	JHX7F1AN
		Dilution Factor: 1					
		Analysis Time..: 16:51			Instrument ID..: TRACEICP	Analyst ID.....: 402249	
		MS Run #.....: 6318047					

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MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: C6K030390 **Matrix.....:** SO
Date Sampled...: 11/01/06 **Date Received..:** 11/03/06

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Zinc	88	(75 - 125)			SW846 6010B	11/16-11/17/06	JHX7F1AQ
	85	(75 - 125)	2.1	(0-20)	SW846 6010B	11/16-11/17/06	JHX7F1AR

Dilution Factor: 1
Analysis Time..: 16:51 Instrument ID..: TRACEICP Analyst ID.....: 402249
MS Run #.....: 6318047

MS Lot-Sample #: C6K030390-008 **Prep Batch #...:** 6324025

Mercury	98	(75 - 125)			SW846 7471A	11/20/06	JHX7F1AU
	101	(75 - 125)	2.7	(0-20)	SW846 7471A	11/20/06	JHX7F1AV

Dilution Factor: 1
Analysis Time..: 09:35 Instrument ID..: HGHYDRA Analyst ID.....: 031043
MS Run #.....: 6324017

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.

N Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: C6K030390 **Matrix.....:** SO
Date Sampled...: 11/01/06 **Date Received..:** 11/03/06

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: C6K030390-008 **Prep Batch #...:** 6318071									
Silver									
	ND	8.97	8.02	mg/kg	89		SW846 6010B	11/16-11/17/06	JHX7F1A9
	ND	8.97	8.05	mg/kg	90	0.40	SW846 6010B	11/16-11/17/06	JHX7F1CA
			Dilution Factor: 1						
			Analysis Time..: 16:51		Instrument ID..: TRACEICP		Analyst ID.....: 402249		
			MS Run #.....: 6318047						
Aluminum									
	11100	359	15900	mg/kg			SW846 6010B	11/16-11/17/06	JHX7F1CD
			Qualifiers: NC						
	11100	359	16600	mg/kg			SW846 6010B	11/16-11/17/06	JHX7F1CE
			Qualifiers: NC						
			Dilution Factor: 1						
			Analysis Time..: 16:51		Instrument ID..: TRACEICP		Analyst ID.....: 402249		
			MS Run #.....: 6318047						
Arsenic									
	6.4	359	321	mg/kg	88		SW846 6010B	11/16-11/17/06	JHX7F1CG
	6.4	359	321	mg/kg	88	0.07	SW846 6010B	11/16-11/17/06	JHX7F1CH
			Dilution Factor: 1						
			Analysis Time..: 16:51		Instrument ID..: TRACEICP		Analyst ID.....: 402249		
			MS Run #.....: 6318047						
Barium									
	72.1	359	411	mg/kg	95		SW846 6010B	11/16-11/17/06	JHX7F1CK
	72.1	359	413	mg/kg	95	0.43	SW846 6010B	11/16-11/17/06	JHX7F1CL
			Dilution Factor: 1						
			Analysis Time..: 16:51		Instrument ID..: TRACEICP		Analyst ID.....: 402249		
			MS Run #.....: 6318047						
Beryllium									
	0.98	8.97	9.80	mg/kg	98		SW846 6010B	11/16-11/17/06	JHX7F1CN
	0.98	8.97	9.81	mg/kg	98	0.11	SW846 6010B	11/16-11/17/06	JHX7F1CP
			Dilution Factor: 1						
			Analysis Time..: 16:51		Instrument ID..: TRACEICP		Analyst ID.....: 402249		
			MS Run #.....: 6318047						
Calcium									
	12200	8970	22100	mg/kg	110		SW846 6010B	11/16-11/17/06	JHX7F1CR
	12200	8970	21900	mg/kg	108	0.89	SW846 6010B	11/16-11/17/06	JHX7F1CT
			Dilution Factor: 1						
			Analysis Time..: 16:51		Instrument ID..: TRACEICP		Analyst ID.....: 402249		
			MS Run #.....: 6318047						

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MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: C6K030390 **Matrix.....:** SO
Date Sampled...: 11/01/06 **Date Received..:** 11/03/06

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Cadmium									
	ND	8.97	7.18	mg/kg	80		SW846 6010B	11/16-11/17/06	JHX7F1CV
	ND	8.97	7.15	mg/kg	80	0.52	SW846 6010B	11/16-11/17/06	JHX7F1CW
			Dilution Factor: 1						
			Analysis Time..: 16:51		Instrument ID..: TRACEICP		Analyst ID.....: 402249		
			MS Run #.....: 6318047						
Cobalt									
	12.5	89.7	91.3	mg/kg	88		SW846 6010B	11/16-11/17/06	JHX7F1C0
	12.5	89.7	90.1	mg/kg	87	1.3	SW846 6010B	11/16-11/17/06	JHX7F1C1
			Dilution Factor: 1						
			Analysis Time..: 16:51		Instrument ID..: TRACEICP		Analyst ID.....: 402249		
			MS Run #.....: 6318047						
Chromium									
	17.1	35.9	52.9	mg/kg	100		SW846 6010B	11/16-11/17/06	JHX7F1C3
	17.1	35.9	53.4	mg/kg	101	1.0	SW846 6010B	11/16-11/17/06	JHX7F1C4
			Dilution Factor: 1						
			Analysis Time..: 16:51		Instrument ID..: TRACEICP		Analyst ID.....: 402249		
			MS Run #.....: 6318047						
Copper									
	27.1	44.9	68.2	mg/kg	92		SW846 6010B	11/16-11/17/06	JHX7F1C6
	27.1	44.9	68.3	mg/kg	92	0.12	SW846 6010B	11/16-11/17/06	JHX7F1C7
			Dilution Factor: 1						
			Analysis Time..: 16:51		Instrument ID..: TRACEICP		Analyst ID.....: 402249		
			MS Run #.....: 6318047						
Iron									
	25000	179	25700	mg/kg			SW846 6010B	11/16-11/17/06	JHX7F1C9
			Qualifiers: NC						
	25000	179	24600	mg/kg			SW846 6010B	11/16-11/17/06	JHX7F1DA
			Qualifiers: NC						
			Dilution Factor: 1						
			Analysis Time..: 16:51		Instrument ID..: TRACEICP		Analyst ID.....: 402249		
			MS Run #.....: 6318047						
Potassium									
	1100	8970	9680	mg/kg	96		SW846 6010B	11/16-11/17/06	JHX7F1DD
	1100	8970	10000	mg/kg	99	3.4	SW846 6010B	11/16-11/17/06	JHX7F1DE
			Dilution Factor: 1						
			Analysis Time..: 16:51		Instrument ID..: TRACEICP		Analyst ID.....: 402249		
			MS Run #.....: 6318047						

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MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: C6K030390 **Matrix.....:** SO
Date Sampled...: 11/01/06 **Date Received..:** 11/03/06

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Magnesium									
	6720	8970	14600	mg/kg	88		SW846 6010B	11/16-11/17/06	JHX7F1DG
	6720	8970	15100	mg/kg	93	2.9	SW846 6010B	11/16-11/17/06	JHX7F1DH
			Dilution Factor: 1						
			Analysis Time..: 16:51		Instrument ID..: TRACEICP		Analyst ID.....: 402249		
			MS Run #.....: 6318047						
Manganese									
	335	89.7	399 N	mg/kg	72		SW846 6010B	11/16-11/17/06	JHX7F1DK
	335	89.7	385 N	mg/kg	56	3.5	SW846 6010B	11/16-11/17/06	JHX7F1DL
			Dilution Factor: 1						
			Analysis Time..: 16:51		Instrument ID..: TRACEICP		Analyst ID.....: 402249		
			MS Run #.....: 6318047						
Sodium									
	167	8970	7880	mg/kg	86		SW846 6010B	11/16-11/17/06	JHX7F1DN
	167	8970	7990	mg/kg	87	1.4	SW846 6010B	11/16-11/17/06	JHX7F1DP
			Dilution Factor: 1						
			Analysis Time..: 16:51		Instrument ID..: TRACEICP		Analyst ID.....: 402249		
			MS Run #.....: 6318047						
Nickel									
	26.6	89.7	103	mg/kg	86		SW846 6010B	11/16-11/17/06	JHX7F1DR
	26.6	89.7	103	mg/kg	85	0.35	SW846 6010B	11/16-11/17/06	JHX7F1DT
			Dilution Factor: 1						
			Analysis Time..: 16:51		Instrument ID..: TRACEICP		Analyst ID.....: 402249		
			MS Run #.....: 6318047						
Lead									
	11.5	89.7	88.9	mg/kg	86		SW846 6010B	11/16-11/17/06	JHX7F1DV
	11.5	89.7	89.0	mg/kg	86	0.14	SW846 6010B	11/16-11/17/06	JHX7F1DW
			Dilution Factor: 1						
			Analysis Time..: 16:51		Instrument ID..: TRACEICP		Analyst ID.....: 402249		
			MS Run #.....: 6318047						
Selenium									
	1.7	359	304	mg/kg	84		SW846 6010B	11/16-11/17/06	JHX7F1AC
	1.7	359	302	mg/kg	84	0.60	SW846 6010B	11/16-11/17/06	JHX7F1AD
			Dilution Factor: 1						
			Analysis Time..: 16:51		Instrument ID..: TRACEICP		Analyst ID.....: 402249		
			MS Run #.....: 6318047						

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MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: C6K030390 **Matrix.....:** SO
Date Sampled...: 11/01/06 **Date Received..:** 11/03/06

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Thallium									
	ND	359	309	mg/kg	86		SW846 6010B	11/16-11/17/06	JHX7F1AF
	ND	359	310	mg/kg	86	0.30	SW846 6010B	11/16-11/17/06	JHX7F1AG
			Dilution Factor: 1						
			Analysis Time..: 16:51		Instrument ID..: TRACEICP		Analyst ID.....: 402249		
			MS Run #.....: 6318047						
Antimony									
	ND	89.7	54.9 N	mg/kg	61		SW846 6010B	11/16-11/17/06	JHX7F1AJ
	ND	89.7	55.2 N	mg/kg	62	0.57	SW846 6010B	11/16-11/17/06	JHX7F1AK
			Dilution Factor: 1						
			Analysis Time..: 16:51		Instrument ID..: TRACEICP		Analyst ID.....: 402249		
			MS Run #.....: 6318047						
Vanadium									
	23.7	89.7	113	mg/kg	99		SW846 6010B	11/16-11/17/06	JHX7F1AM
	23.7	89.7	114	mg/kg	101	1.2	SW846 6010B	11/16-11/17/06	JHX7F1AN
			Dilution Factor: 1						
			Analysis Time..: 16:51		Instrument ID..: TRACEICP		Analyst ID.....: 402249		
			MS Run #.....: 6318047						
Zinc									
	77.9	89.7	157	mg/kg	88		SW846 6010B	11/16-11/17/06	JHX7F1AQ
	77.9	89.7	154	mg/kg	85	2.1	SW846 6010B	11/16-11/17/06	JHX7F1AR
			Dilution Factor: 1						
			Analysis Time..: 16:51		Instrument ID..: TRACEICP		Analyst ID.....: 402249		
			MS Run #.....: 6318047						

MS Lot-Sample #: C6K030390-008 **Prep Batch #...:** 6324025

Mercury									
	0.030	0.299	0.323	mg/kg	98		SW846 7471A	11/20/06	JHX7F1AU
	0.030	0.299	0.332	mg/kg	101	2.7	SW846 7471A	11/20/06	JHX7F1AV
			Dilution Factor: 1						
			Analysis Time..: 09:35		Instrument ID..: HGHYDRA		Analyst ID.....: 031043		
			MS Run #.....: 6324017						

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.

N Spiked analyte recovery is outside stated control limits.

RETEC, Schenectady Street MGP

Cyanide, Total

Lab Name:	STL PITTSBURGH	**Method:**	SW846 9012A
Client Name:	The RETEC Group, Inc.	**Lot Number:**	C6K090000
Matrix:	SOLID	**Date/Time Received:**	11/3/2006 9:40:00AM

Client Sample ID	QC Sample Type	Workorder	Recovery (%)	Control Limits (%)	Prep/ Analysis Date	QC Batch	RPD / Limit (%)
CHECK SAMPLE	LCS	JH9XM1AC	82	38 - 162	11/9/2006 - 11/9/2006	6313126	
CHECK SAMPLE	LCS	JJHRP1AC	80	38 - 162	11/11/2006 - 11/11/2006	6315044	
CHECK SAMPLE	LCS	JJL7D1AC	95	38 - 162	11/14/2006 - 11/14/2006	6318141	
TP7S(7.5)(HORZ 0-10)	MS	JHX601A8	NC D	75 - 125	11/9/2006 - 11/9/2006	6313126	
SB-24(20-21)	MS	JHX7F1AX	89	75 - 125	11/11/2006 - 11/11/2006	6315044	0.13 / 20
SB-20(16.5-18)	MS	JHX7V1A7	97	75 - 125	11/14/2006 - 11/14/2006	6318141	9.7 / 20
TP7S(7.5)(HORZ 0-10)	MSD	JHX601A9	NC D	75 - 125	11/9/2006 - 11/9/2006	6313126	
SB-24(20-21)	MSD	JHX7F1A0	89	75 - 125	11/11/2006 - 11/11/2006	6315044	0.13 / 20
SB-20(16.5-18)	MSD	JHX7V1A8	108	75 - 125	11/14/2006 - 11/14/2006	6318141	9.7 / 20

RETEC, Schenectady Street MGP

Cyanide, Total

Lab Name:	STL PITTSBURGH	**Method:**	SW846 9012A
Client Name:	The RETEC Group, Inc.	**Report ID:**	C6K030390
Matrix:	SOLID	**Date/Time Received:**	11/3/2006 9:40:00AM

Client Sample ID	Sample Number	Workorder	Result	Units	Reporting Limit	Prep/ Analysis Date	QC Batch	RPD / Limit (%)
BLK - C6K090000126B	126 MB	JH9XM1AA	ND	mg/kg	0.50	11/9/2006 - 11/9/2006	6313126	
BLK - C6K110000044B	044 MB	JJHRP1AA	ND	mg/kg	0.50	11/11/2006 - 11/11/2006	6315044	
BLK - C6K140000141B	141 MB	JJL7D1AA	0.39 B	mg/kg	0.50	11/14/2006 - 11/14/2006	6318141	

B Estimated result. Result is less than RL.

Sample Id	Test short name	Result	Result unit	Result date and time	Percent Recovery	Dil. ratio	Manual dil. ratio	Response
jhtke1a1	Cyanide	6.94223	mg/L	11/9/06 12:16		0	49	0.02995
jhtke1a2	Cyanide	13.72272	mg/L	11/9/06 12:16	114	0	49	0.05836
jhtke1a3	Cyanide	11.4069	mg/L	11/9/06 12:16	89	18.440 RPJ	49	0.04866
jh9xm1aa	Cyanide	0.07785	mg/L	11/9/06 12:16		0	49	0.00118
jh9xm1ac	Cyanide	140.37575	mg/L	11/9/06 12:23	82	0	499	0.05968
jhne91a8	Cyanide	0.06263	mg/L	11/9/06 12:23		0	49	0.00112
jhnff1ak	Cyanide	0.06034	mg/L	11/9/06 12:23		0	49	0.00111
CCV-CN	Cyanide	0.10278	mg/l	11/9/06 12:23	103	0		0.02239
VCCB-CN	Cyanide	-0.00006	mg/l	11/9/06 12:23		0		0.00084
~~jhnfg1ak~~	~~Cyanide~~	~~0.0149~~	~~mg/L~~	~~11/9/06 12:23~~		~~0~~	~~49~~	~~0.00092~~
jhnfk1a8	Cyanide	0.04664	mg/L	11/9/06 12:23		0	49	0.00105
jhngt1a8	Cyanide	0.04768	mg/L	11/9/06 12:23		0	49	0.00106
jhngv1ak	Cyanide	0.04115	mg/L	11/9/06 12:23		0	49	0.00103
jhngw1ak	Cyanide	0.01663	mg/L	11/9/06 12:23		0	49	0.00093
jhtkg1aj	Cyanide	0.41088	mg/L	11/9/06 12:23		0	49	0.00258
jhtkk1aj	Cyanide	0.31393	mg/L	11/9/06 12:27	10	0	49	0.00217
jhx601a6	Cyanide	66.174	mg/L	11/9/06 12:27	14.9 10b	0	49	0.27815
jhx601a8	Cyanide	67.63078	mg/L	11/9/06 12:27		0	49	0.28426
jhx601a9	Cyanide	74.21977	mg/L	11/9/06 12:27		0	49	0.31187
CCV-CN	Cyanide	0.11262	mg/l	11/9/06 12:30		0		0.02445
VCCB-CN	Cyanide	0.00026	mg/l	11/9/06 12:30		0		0.00091
jhx601a6	Cyanide	69.32157	mg/L	11/9/06 12:42		9	49	0.02991
jhx601a8	Cyanide	70.65305	mg/L	11/9/06 12:42		9	49	0.03046
~~jhx601a9~~	~~Cyanide~~	~~76.54093~~	~~mg/L~~	~~11/9/06 12:42~~		~~9~~	~~49~~	~~0.03293~~
CCV-CN	Cyanide	0.10399	mg/l	11/9/06 12:45	104	0		0.02265
VCCB-CN	Cyanide	-0.00044	mg/l	11/9/06 12:45		0		0.00076
CCV-CN	Cyanide	0.1046	mg/l	11/9/06 13:15	105	0		0.02277
VCCB-CN	Cyanide	0.00045	mg/L	11/9/06 13:15		0		0.00095
~~jhnfg1ak~~	~~Cyanide~~	~~0.01484~~	~~mg/L~~	~~11/9/06 13:15~~		~~0~~	~~49~~	~~0.00092~~
jhnfk1a8	Cyanide	0.03221	mg/L	11/9/06 13:15		0	49	0.00099
jhngt1a8	Cyanide	0.02098	mg/L	11/9/06 13:15		0	49	0.00094
jhngv1ak	Cyanide	0.01051	mg/L	11/9/06 13:15		0	49	0.0009
jhngw1ak	Cyanide	-0.00993	mg/L	11/9/06 13:15		0	49	0.00081
jhtkg1aj	Cyanide	0.33244	mg/L	11/9/06 13:15	10 11.9 10b	0	49	0.00225
jhtkk1aj	Cyanide	0.21459	mg/L	11/9/06 13:15		0	49	0.00176
jhx601a6	Cyanide	69.717	mg/L	11/9/06 13:20		9	49	0.03007
jhx601a8	Cyanide	71.98528	mg/L	11/9/06 13:20		9	49	0.03102
~~jhx601a9~~	~~Cyanide~~	~~77.58626~~	~~mg/L~~	~~11/9/06 13:20~~		~~9~~	~~49~~	~~0.03337~~
CCV-CN	Cyanide	0.11064	mg/l	11/9/06 13:23		0		0.02404
VCCB-CN	Cyanide	-0.00017	mg/l	11/9/06 13:23		0		0.00082
CCV-CN	Cyanide	0.10408	mg/l	11/9/06 13:47	104	0		0.02266
VCCB-CN	Cyanide	-0.00016	mg/l	11/9/06 13:47		0		0.00082
jhnfg1ak	Cyanide	0.01723	mg/L	11/9/06 13:47		0	49	0.00093
jhnfk1a8	Cyanide	0.01446	mg/L	11/9/06 13:47		0	49	0.00092
jhngt1a8	Cyanide	0.00382	mg/L	11/9/06 13:47		0	49	0.00087
jhngv1ak	Cyanide	0.0365	mg/L	11/9/06 13:47		0	49	0.00101
jhngw1ak	Cyanide	-0.00099	mg/L	11/9/06 13:47		0	49	0.00085
jhtkg1aj	Cyanide	0.31627	mg/L	11/9/06 13:47		0	49	0.00218
jhtkk1aj	Cyanide	0.25095	mg/L	11/9/06 13:47		0	49	0.00191
jhx601a6	Cyanide	69.74456	mg/L	11/9/06 13:52		9	49	0.03008
jhx601a8	Cyanide	103.84386	mg/L	11/9/06 13:52	HC-3:1	9	49	0.04437
jhx601a9	Cyanide	78.38048	mg/L	11/9/06 13:52	HC-3:1	9	49	0.0337
CCV-CN	Cyanide	0.11009	mg/l	11/9/06 13:55	110	0		0.02392
VCCB-CN	Cyanide	0.00022	mg/l	11/9/06 13:55		0		0.0009
CCV-CN	Cyanide	0.10691	mg/l	11/9/06 16:40	107	0		0.02326

CASE NARRATIVE
The Retec Group
Schenectady Street MPG

LOT # C6K060148

Sample Receiving:
STL Pittsburgh, PA received samples on November 6, 2006. The cooler was received within the proper temperature range.

The chain of custody listed 3 jars each for samples SB22(18-20) and SB220(18-20). The laboratory only received 2 jars for each of these samples. Notation regarding this was made on the chain of custody.

Project specific QC was not required for samples contained in this report. Where batch QC was completed on these samples, anomalous results will be discussed below.

GC/MS Volatiles:
The method blanks for batches 6313074, 6314052 and 6316062 had methylene chloride detected below the reporting limit but above the MDL. The result was flagged with a "J" qualifier. Any sample associated with this blank that had methylene chloride detected had the result flagged with a "B" qualifier.

GC/MS Semivolatiles:
Due to the concentration of target compounds detected and/or matrix, several samples were analyzed at a dilution.

The 20x dilution of sample SB25(18-19.5) had the surrogates diluted out.

Metals:
The serial dilution of sample SB23(10-13) was outside of the percent difference control limits for cobalt, nickel, and zinc. The results were flagged with an "E" qualifier.

The method blank had analytes detected at concentrations between the MDL and the reporting limit. The results were flagged with a "B" qualifier. Any sample associated with a method blank that had the same analyte detected had the result flagged with a "J" qualifier.

For the matrix spike and matrix spike duplicate of sample SB23(10-13), aluminum, iron, and manganese recoveries were not calculated due to the concentration of analyte in the sample being >4 times the concentration of spike added.

The matrix spikes of sample SB23(10-013) recovered below the control limits for lead, antimony, and zinc. The matrix spike duplicate recovered below the control limits for calcium. The RPDs between the spikes and the recoveries of the laboratory control sample were within the control limits.

CASE NARRATIVE
The Retec Group
Schenectady Street MPG

LOT # C6K060148

General Chemistry:
The method blank for batch 6319440 had cyanide detected at a concentration between the MDL and the reporting limit. The result was flagged with a "B" qualifier. Any sample associated with a method blank that had the same analyte detected had the result flagged with a "J" qualifier.

C6K060148

Chain of Custody Record № 090

The RETEC Group, Inc.
2550 Eisenhower Avenue • Eagleville, PA 19403-2331
(610) 650-8770 Phone • (610) 650-6001 Fax
www.retec.com

RETEC

Page 1 of 1

Project Name: Schenectady	Project Number:
Send Report To: James Edwards	Sampler (Print Name): Jesse Lloyd
Address: 1001 W. Seneca St Suite 204 Ithaca, NY 14850	Sampler (Print Name): Scott Heinsohn
Phone: 607-277-5716	Shipment Method: Fed Ex
Fax: 607-277-9057	Airbill Number:
	Laboratory Receiving: STL Pittsburgh

Purchase Order #: _____

Field Sample ID	Sample Date	Sample Time	Sample Matrix	Number of Containers	Analysis Requested: VOC 8260	SVOC 8270	TAL metals 6010/7000	Total CN 9012	Comments, Special Instructions, etc.	Lab Sample ID (to be completed by lab)
SB23 (10-13)	12-3-06	0940	Soil	3	X	X	X	X		
SB23 (6-7)		0930			X	X	X	X		
SB25 (18-19.5)		1100			X	X	X	X		
SB22 (18-20)		1400		2	X	X	X	X		
SB220 (18-20)		1600		2	X	X	X	X		
SB15 (34-35)		1620		2	X	X	X	X		

Relinquished by: (Signature)	Received by: (Signature) FedEx	Date: 12/4/06	Time: 1300
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
Relinquished by: (Signature)	Received by: (Signature)	Date: 12/5/06	Time: 0930

Sample Custodian Remarks (Completed By Laboratory):

QA/QC Level		Turnaround	
NYASP Cat B			
Level I	☐	Routine	☒
Level II	☐	24 Hour	☐
Level III	☐	1 Week	☐
Other		Other ____	

Sample Receipt	
Total # Containers Received?	
COC Seals Present?	
COC Seals Intact?	
Received Containers Intact?	
Temperature?	

White: Lab Copy Yellow: PM Copy Pink: Field Copy Gold: PM/QA/QC Copy

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(1 - 134)

Cooler Receipt Form
STL Pittsburgh

Client: Retec Project: _____ Quote: 72910

Cooler Rec'd & Opened for Temp. Check on: 11-6-06

Coolers Opened and Unpacked on: 11-6-06 By: AC
(Signature)

STL Pittsburgh Lot Number: C6K060148

		Yes	No
1.	Were custody seals on the outside of the cooler?		✓
	If YES, how many and where? Quantity 1 Location Front		
	Were signatures and date correct?	✓	
2.	Were custody papers included inside the cooler?	✓	
3.	Were custody papers properly filled out (ink, signed, match labels)?	✓	
4.	Did you sign the custody papers in the appropriate place?	✓	
5.	Was shippers packing slip attached to this form?	✓	
6.	Were packing materials used?	✓	
	If YES, what type? Bubble Bag		
7.	Were the samples chilled? (Record temperatures on reverse side.)	✓	
8.	Were the samples appropriately preserved?	n/a	
9.	Were all bottles sealed in separate plastic bags?	✓	
10.	Did all bottles arrive in good condition (unbroken)?		✓
11.	Were all bottle labels complete (sample ID, preservatives, etc.)?		✓
12.	Did all bottle labels and/or tags agree with custody papers?		✓
13.	Were correct bottles used for tests indicated?	✓	
14.	Were all VOA vials checked for the presence of air bubbles?	n/a	
15.	Was a sufficient amount of sample sent in each bottle?	✓	

16. Samples received by: (FEDEX) UPS CLIENT DROP-OFF OTHER DHL

Explain any discrepancies: _____

Level 2 Review _____

Was contacted on _____ by _____ to resolve discrepancies.

Cooler Receipt Form

STL Pittsburgh

P: Preserved

UP: Unpreserved

Sample ID	TMET PH<2	DMET PH<2	HG PH<2	NUT(1) PH<2	CN PH≥12	OG TPHC PH<2	PHEN PH<2	SULF PH≥12	TOC PH<2	TOX PH<2	VOA P/UP	hrdnss PH<2	Cl_2 RBS		

(1) "NUT" could include sample bottles for ammonia, chemical oxygen demand, nitrate/nitrite, TKN, or total phosphorus

Comments: _____

_____

_____

Cooler Number	Temperature*	Thermometer
1	3.6	6

*Acceptable Temperature Range: 4°C ± 2°C

Sample	Lot Number**

**Please use an asterisk if bottle lot number was covered by the label

Work Order No.: _____

Condition Upon Receipt Variance Report
STL Pittsburgh Laboratory

Client: Rust
Date: 11-6-06
Project No.: _____
Initiated by: AO
Analysis Requested: _____
RFA/COC: _____
Client Sample Numbers Affected: _____

Condition/Variance (Check all that apply):

1. ☐ Not enough sample received for proper analysis. Received approx. _____
2. ☐ Sample received broken/leaking.
3. ☐ Sample received without proper preservative.
   - ☐ Cooler temperature not within 4°C ± 2°C.
     - Record temperature: _____
     - ☐ pH _____
     - ☐ other: _____
4. ☐ Sample received in improper container.
5. ☐ Sample received without proper paperwork. _____
6. ☐ Paperwork received without sample.
7. ☐ No sample ID on sample container.
8. ☐ Custody tape disturbed/broken/missing.
9. ☐ Sample splits performed by lab.
10. ☐ Volatile sample received with approximately _____ mm headspace.
11. ☒ Sample ID on container does not match on paperwork. Explain:
    ~~X~~ Sample SB22, SB22O
    the C.O.C. show 3 jars.
    Only Received 2 jars.
12. ☐ All coolers on airbill not received with
13. ☐ Other (explain below):

Notes: _____

Corrective Action:

☐ Client's Name: _____ Informed verbally on: _____ By: _____

☐ Client's Name: _____ Informed in writing on: _____ By: _____

☒ Sample(s) processed "as is" Use remaining jars

☐ Sample(s) on hold until: _____ If released: _____

Sample Control Supervisor Review: _____ Date: 11-6-06

Project Management Review: _____ Date: 11/6/06

SIGNED ORIGINAL MUST BE RETAINED IN THE PROJECT FILE

STL PT/10-06/96-005/CURVR.DOC

SAMPLE SUMMARY

C6K060148

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
JH2QT	001	SB23(10-13)	11/03/06	09:40
JH2QX	002	SB23(6-7)	11/03/06	09:30
JH2Q1	003	SB25(18-19.5)	11/03/06	11:00
JH2Q3	004	SB22(18-20)	11/03/06	14:00
JH2Q4	005	SB220(18-20)	11/03/06	16:00
JH2Q5	006	SB15(34-35)	11/03/06	16:20

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.

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: C6K060148 **Work Order #...:** JH9VG1AA **Matrix.....:** SOLID
MB Lot-Sample #: C6K090000-074

Prep Date.....: 11/09/06 **Analysis Time..:** 05:40
Analysis Date..: 11/09/06 **Prep Batch #...:** 6313074 **Final Wgt/Vol..:** 5 mL
Dilution Factor: 1 **Initial Wgt/Vol:** 5 g **Instrument ID..:** HP3
Analyst ID.....: 010099

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	5.0	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	5.0	ug/kg	SW846 8260B
Dibromochloromethane	ND	5.0	ug/kg	SW846 8260B
1,2-Dibromo-3-chloro-propane	ND	5.0	ug/kg	SW846 8260B
1,2-Dibromoethane	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
1,2-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	5.0	ug/kg	SW846 8260B
Isopropylbenzene	ND	5.0	ug/kg	SW846 8260B
Methyl acetate	ND	5.0	ug/kg	SW846 8260B
Methylene chloride	**2.1 J**	**5.0**	**ug/kg**	**SW846 8260B**
Methylcyclohexane	ND	5.0	ug/kg	SW846 8260B
4-Methyl-2-pentanone	ND	5.0	ug/kg	SW846 8260B
Methyl tert-butyl ether	ND	5.0	ug/kg	SW846 8260B
Styrene	ND	5.0	ug/kg	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	SW846 8260B
1,2,4-Trichloro-benzene	ND	5.0	ug/kg	SW846 8260B

(Continued on next page)

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: C6K060148 **Work Order #...:** JH9VG1AA **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Tetrachloroethene	ND	5.0	ug/kg	SW846 8260B
1,1,1-Trichloroethane	ND	5.0	ug/kg	SW846 8260B
1,1,2-Trichloroethane	ND	5.0	ug/kg	SW846 8260B
Trichloroethene	ND	5.0	ug/kg	SW846 8260B
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	15	ug/kg	SW846 8260B
Toluene	ND	5.0	ug/kg	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	76	(52 - 124)
Toluene-d8	105	(72 - 127)
4-Bromofluorobenzene	101	(63 - 120)
Dibromofluoromethane	93	(68 - 121)

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 #...: C6K060148 **Work Order #...:** JJEEN1AA **Matrix.....:** SOLID
MB Lot-Sample #: C6K100000-052

Prep Date.....: 11/10/06 **Analysis Time..:** 06:03
Analysis Date..: 11/10/06 **Prep Batch #...:** 6314052 **Final Wgt/Vol..:** 5 mL
Dilution Factor: 1 **Initial Wgt/Vol:** 5 g **Instrument ID..:** HP3
Analyst ID.....: 010099

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	5.0	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	5.0	ug/kg	SW846 8260B
Dibromochloromethane	ND	5.0	ug/kg	SW846 8260B
1,2-Dibromo-3-chloro-propane	ND	5.0	ug/kg	SW846 8260B
1,2-Dibromoethane	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
1,2-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	5.0	ug/kg	SW846 8260B
Isopropylbenzene	ND	5.0	ug/kg	SW846 8260B
Methyl acetate	ND	5.0	ug/kg	SW846 8260B
Methylene chloride	**3.2 J**	**5.0**	**ug/kg**	**SW846 8260B**
Methylcyclohexane	ND	5.0	ug/kg	SW846 8260B
4-Methyl-2-pentanone	ND	5.0	ug/kg	SW846 8260B
Methyl tert-butyl ether	ND	5.0	ug/kg	SW846 8260B
Styrene	ND	5.0	ug/kg	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	SW846 8260B
1,2,4-Trichloro-benzene	ND	5.0	ug/kg	SW846 8260B

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METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: C6K060148 **Work Order #...:** JJEEN1AA **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Tetrachloroethene	ND	5.0	ug/kg	SW846 8260B
1,1,1-Trichloroethane	ND	5.0	ug/kg	SW846 8260B
1,1,2-Trichloroethane	ND	5.0	ug/kg	SW846 8260B
Trichloroethene	ND	5.0	ug/kg	SW846 8260B
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	15	ug/kg	SW846 8260B
Toluene	ND	5.0	ug/kg	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	76	(52 - 124)
Toluene-d8	105	(72 - 127)
4-Bromofluorobenzene	94	(63 - 120)
Dibromofluoromethane	91	(68 - 121)

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 #...: C6K060148 **Work Order #...:** JJJ0R1AA **Matrix.....:** SOLID
MB Lot-Sample #: C6K120000-062

Prep Date.....: 11/12/06 **Analysis Time..:** 22:46
Analysis Date..: 11/12/06 **Prep Batch #...:** 6316062 **Final Wgt/Vol..:** 5 mL
Dilution Factor: 1 **Initial Wgt/Vol:** 5 g **Instrument ID..:** HP3
Analyst ID.....: 010099

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	5.0	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	5.0	ug/kg	SW846 8260B
Dibromochloromethane	ND	5.0	ug/kg	SW846 8260B
1,2-Dibromo-3-chloro-propane	ND	5.0	ug/kg	SW846 8260B
1,2-Dibromoethane	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
1,2-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	5.0	ug/kg	SW846 8260B
Isopropylbenzene	ND	5.0	ug/kg	SW846 8260B
Methyl acetate	ND	5.0	ug/kg	SW846 8260B
Methylene chloride	**2.8 J**	**5.0**	**ug/kg**	**SW846 8260B**
Methylcyclohexane	ND	5.0	ug/kg	SW846 8260B
4-Methyl-2-pentanone	ND	5.0	ug/kg	SW846 8260B
Methyl tert-butyl ether	ND	5.0	ug/kg	SW846 8260B
Styrene	ND	5.0	ug/kg	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	SW846 8260B
1,2,4-Trichloro-benzene	ND	5.0	ug/kg	SW846 8260B

(Continued on next page)

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: C6K060148 **Work Order #...:** JJJ0R1AA **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Tetrachloroethene	ND	5.0	ug/kg	SW846 8260B
1,1,1-Trichloroethane	ND	5.0	ug/kg	SW846 8260B
1,1,2-Trichloroethane	ND	5.0	ug/kg	SW846 8260B
Trichloroethene	ND	5.0	ug/kg	SW846 8260B
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	15	ug/kg	SW846 8260B
Toluene	ND	5.0	ug/kg	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	74	(52 - 124)
Toluene-d8	103	(72 - 127)
4-Bromofluorobenzene	94	(63 - 120)
Dibromofluoromethane	92	(68 - 121)

NOTE(S):

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

J Estimated result. Result is less than RL.

STL Pittsburgh

INITIAL CALIBRATION DATA

Start Cal Date : 21-SEP-2006 08:39
End Cal Date : 21-SEP-2006 13:36
Quant Method : ISTD
Origin : Disabled
Target Version : 4.04
Integrator : HP RTE
Method file : \\qpitpa02\d\chem\hp3.i\3092106.b\8260bsoil.m
Cal Date : 22-Sep-2006 04:31 GordonK
Curve Type : Average

Calibration File Names:
Level 1: \\qpitpa02\d\chem\hp3.i\3092106.b\2A30921.D
Level 2: \\qpitpa02\d\chem\hp3.i\3092106.b\1B30921.D
Level 3: \\qpitpa02\d\chem\hp3.i\3092106.b\1C30921.D
Level 4: \\qpitpa02\d\chem\hp3.i\3092106.b\2D30921.D
Level 5: \\qpitpa02\d\chem\hp3.i\3092106.b\1E30921.D
Level 6: \\qpitpa02\d\chem\hp3.i\3092106.b\1F30921.D

	Compound	5.000 Level 1	25.000 Level 2	50.000 Level 3	75.000 Level 4	100.000 Level 5	200.000 Level 6	RRF	% RSD	
1	Dichlorodifluoromethane	0.30135	0.29957	0.28502	0.27276	0.33610	0.26452	0.29322	8.702	
164	trans-1,4-Dichloro-2-butene	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
155	N-Heptane	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
2	Chloromethane	0.39493	0.37661	0.35145	0.33479	0.41535	0.33281	0.36766	9.148	
3	Vinyl Chloride	0.37162	0.35763	0.34322	0.32896	0.40829	0.32128	0.35517	8.972	
4	Bromomethane	0.09817	0.08920	0.08392	0.07777	0.09691	0.07681	0.08713	10.597	
5	Chloroethane	0.08881	0.08760	0.07910	0.07358	0.08825	0.07031	0.08127	9.992	
6	Trichlorofluoromethane	0.26257	0.33288	0.30770	0.26323	0.31897	0.24553	0.28848	12.425	
7	Dichlorofluoromethane	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
8	Ethyl Ether	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
9	Ethanol	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
10	1,1,2-trichloro-1,2,2-trifluo	0.27932	0.26716	0.25593	0.24787	0.30777	0.24195	0.26667	9.077	
156	Methyl Acetate	0.34946	0.19154	0.16994	0.16705	0.19537	0.15606	0.20490	35.332	<-
157	Cyclohexane	0.62426	0.58649	0.56787	0.55800	0.67964	0.53772	0.59233	8.751	
158	Methyl Cyclohexane	0.60900	0.57281	0.55740	0.55072	0.66724	0.52494	0.58035	8.753	
11	Acrolein	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
12	1,1-Dichloroethene	0.24680	0.24685	0.23553	0.23726	0.29034	0.23151	0.24805	8.718	
13	Acetone	0.22973	0.08835	0.06714	0.06097	0.06615	0.05155	0.09398	71.923	<-
14	Iodomethane	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
15	Carbon Disulfide	0.69756	0.76308	0.77327	0.79045	0.98141	0.79330	0.79985	11.942	
16	3-Chloro-1-propene	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
17	Acetonitrile	0.01859	0.01445	0.01479	0.01439	0.01463	0.01452	0.01523	10.859	
18	Methylene Chloride	0.53674	0.35766	0.30188	0.29011	0.33299	0.26382	0.34720	28.367	<-
19	trans-1,2-Dichloroethene	0.30174	0.27881	0.26903	0.27028	0.32780	0.26298	0.28511	8.743	
20	Methyl tert-butyl ether	0.64111	0.59839	0.58323	0.59231	0.71079	0.58901	0.61914	7.988	

STL Pittsburgh

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: hp3.i Injection Date: 09-NOV-2006 05:01
Lab File ID: CC31109.D Init. Cal. Date(s): 15-JUL-2006 21-SEP-2006
Analysis Type: SOIL Init. Cal. Times: 05:22 13:36
Lab Sample ID: vstd50 Quant Type: ISTD
Method: \\QPITPA02\d\chem\hp3.i\3110906d.b\8260bsoil.m

	COMPOUND	RRF	RF50	MIN RRF	%D	MAX %D	
$	39 Dibromofluoromethane	0.21526	0.20519	0.010	-4.7	25.0	
$	43 1,2-Dichloroethane-d4	0.21064	0.18373	0.010	-12.8	25.0	
$	59 Toluene-d8	4.14361	4.27950	0.010	3.3	25.0	
$	80 Bromofluorobenzene	1.49203	1.45329	0.010	-2.6	25.0	
	1 Dichlorodifluoromethane	0.29322	0.15463	0.010	-47.3	25.0	<-
	2 Chloromethane	0.36766	0.27640	0.100	-24.8	25.0	
	3 Vinyl Chloride	0.35517	0.28436	0.010	-19.9	20.0	
	4 Bromomethane	0.08713	0.07551	0.010	-13.3	25.0	
	5 Chloroethane	0.08127	0.07323	0.010	-9.9	25.0	
	6 Trichlorofluoromethane	0.28848	0.24675	0.010	-14.5	25.0	
	10 1,1,2-trichloro-1,2,2-trifl	0.26667	0.23678	0.010	-11.2	25.0	
	12 1,1-Dichloroethene	0.24805	0.21810	0.010	-12.1	20.0	
	15 Carbon Disulfide	0.79985	0.65917	0.010	-17.6	25.0	
	13 Acetone	250	159	0.010	36.3	25.0	<-
	18 Methylene Chloride	250	188	0.010	24.8	25.0	
	19 trans-1,2-Dichloroethene	0.28511	0.26141	0.010	-8.3	25.0	
	20 Methyl tert-butyl ether	0.61914	0.54246	0.010	-12.4	25.0	
	24 1,1-Dichloroethane	0.47504	0.43730	0.100	-7.9	25.0	
	27 2,2-Dichloropropane	0.27317	0.25215	0.010	-7.7	25.0	
	28 cis-1,2-dichloroethene	0.29651	0.28422	0.010	-4.1	25.0	
M	29 1,2-Dichloroethene (total)	0.29081	0.27282	0.010	-6.2	25.0	
	30 Bromochloromethane	0.12485	0.11755	0.010	-5.8	25.0	
	31 2-Butanone	0.07164	0.06515	0.010	-9.1	25.0	
	37 Chloroform	0.41753	0.38835	0.010	-7.0	20.0	
	38 1,1,1-Trichloroethane	0.35533	0.32821	0.010	-7.6	25.0	
	40 1,1-Dichloropropene	0.37572	0.33857	0.010	-9.9	25.0	
	41 Carbon Tetrachloride	0.29616	0.27156	0.010	-8.3	25.0	
	42 Benzene	1.14710	1.06789	0.010	-6.9	25.0	
	45 1,2-Dichloroethane	0.26626	0.22838	0.010	-14.2	25.0	
	47 Trichloroethene	0.29602	0.28415	0.010	-4.0	25.0	
	49 1,2-Dichloropropane	0.27010	0.25492	0.010	-5.6	20.0	
	50 Dibromomethane	0.11599	0.10784	0.010	-7.0	25.0	
	53 Bromodichloromethane	0.26727	0.25234	0.010	-5.6	25.0	
	57 cis-1,3-Dichloropropene	0.38206	0.35712	0.010	-6.5	25.0	
	58 4-Methyl-2-Pentanone	0.79950	0.78021	0.010	-2.4	25.0	

STL Pittsburgh

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: hp3.i Injection Date: 09-NOV-2006 05:01
Lab File ID: CC31109.D Init. Cal. Date(s): 15-JUL-2006 21-SEP-2006
Analysis Type: SOIL Init. Cal. Times: 05:22 13:36
Lab Sample ID: vstd50 Quant Type: ISTD
Method: \\QPITPA02\d\chem\hp3.i\3110906d.b\8260bsoil.m

	COMPOUND	RRF	RF50	MIN RRF	%D	MAX %D	
	60 Toluene	5.25139	5.35201	0.010	1.9	20.0	
	61 trans-1,3-Dichloropropene	1.30118	1.32512	0.010	1.8	25.0	
	63 1,3-Dichloropropane	1.42381	1.42533	0.010	0.1	25.0	
	64 1,1,2-Trichloroethane	0.78274	0.79856	0.010	2.0	25.0	
	65 Tetrachloroethene	1.00021	1.03450	0.010	3.4	25.0	
	66 2-Hexanone	0.48532	0.47617	0.010	-1.9	25.0	
	67 Dibromochloromethane	0.73283	0.80412	0.010	9.7	25.0	
	68 1,2-Dibromoethane	0.75525	0.76766	0.010	1.6	25.0	
	70 Chlorobenzene	3.18261	3.30029	0.300	3.7	25.0	
	71 1,1,1,2-Tetrachloroethane	1.00217	1.08810	0.010	8.6	25.0	
	72 Ethylbenzene	1.85542	1.91712	0.010	3.3	20.0	
	73 m + p-Xylene	2.27277	2.34074	0.010	3.0	25.0	
	74 Xylene-o	2.21287	2.29481	0.010	3.7	25.0	
M	75 Xylenes (total)	2.25280	2.32543	0.010	3.2	25.0	
	76 Styrene	3.55141	3.63734	0.010	2.4	25.0	
	77 Bromoform	0.42624	0.44556	0.100	4.5	25.0	
	78 Isopropylbenzene	5.80754	6.06395	0.010	4.4	25.0	
	79 Bromobenzene	0.86366	0.85129	0.010	-1.4	25.0	
	83 1,1,2,2-Tetrachloroethane	0.93401	0.95007	0.300	1.7	25.0	
	84 1,2,3-Trichloropropane	0.20237	0.19103	0.010	-5.6	25.0	
	86 1,3,5-Trimethylbenzene	3.37144	3.29772	0.010	-2.2	25.0	
	87 tert-Butylbenzene	3.11340	3.12861	0.010	0.5	25.0	
	88 1,2,4-Trimethylbenzene	3.41739	3.30417	0.010	-3.3	25.0	
	90 4-Isopropyltoluene	3.91333	3.88975	0.010	-0.6	25.0	
	91 1,3-Dichlorobenzene	1.79578	1.75671	0.010	-2.2	25.0	
	93 1,4-Dichlorobenzene	1.81468	1.76094	0.010	-3.0	25.0	
	95 1,2-Dichlorobenzene	1.65374	1.59512	0.010	-3.5	25.0	
	96 1,2-Dibromo-3-chloropropane	0.11752	0.11619	0.010	-1.1	25.0	
	97 1,2,4-Trichlorobenzene	1.22430	1.15216	0.010	-5.9	25.0	
	99 Naphthalene	2.42044	3.14826	0.010	30.1	25.0	<-
	156 Methyl Acetate	0.20490	0.14808	0.010	-27.7	25.0	<-
	157 Cyclohexane	0.59233	0.54465	0.010	-8.0	25.0	
	158 Methyl Cyclohexane	0.58035	0.54526	0.010	-6.0	25.0	

STL Pittsburgh

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: hp3.i Injection Date: 10-NOV-2006 05:23
Lab File ID: CC31110.D Init. Cal. Date(s): 15-JUL-2006 21-SEP-2006
Analysis Type: SOIL Init. Cal. Times: 05:22 13:36
Lab Sample ID: vstd50 Quant Type: ISTD
Method: \\QPITPA02\d\chem\hp3.i\3111006d.b\8260bsoil.m

	COMPOUND	RRF	RF50	MIN RRF	%D	MAX %D	
$	39 Dibromofluoromethane	0.21526	0.20619	0.010	-4.2	25.0	
$	43 1,2-Dichloroethane-d4	0.21064	0.18163	0.010	-13.8	25.0	
$	59 Toluene-d8	4.14361	4.27251	0.010	3.1	25.0	
$	80 Bromofluorobenzene	1.49203	1.38078	0.010	-7.5	25.0	
	1 Dichlorodifluoromethane	0.29322	0.25507	0.010	-13.0	25.0	
	2 Chloromethane	0.36766	0.34973	0.100	-4.9	25.0	
	3 Vinyl Chloride	0.35517	0.34631	0.010	-2.5	20.0	
	4 Bromomethane	0.08713	0.09340	0.010	7.2	25.0	
	5 Chloroethane	0.08127	0.08813	0.010	8.4	25.0	
	6 Trichlorofluoromethane	0.28848	0.30508	0.010	5.8	25.0	
	10 1,1,2-trichloro-1,2,2-trifl	0.26667	0.26200	0.010	-1.8	25.0	
	12 1,1-Dichloroethene	0.24805	0.24575	0.010	-0.9	20.0	
	15 Carbon Disulfide	0.79985	0.74918	0.010	-6.3	25.0	
	13 Acetone	250	156	0.010	37.6	25.0	<-
	18 Methylene Chloride	250	210	0.010	16.1	25.0	
	19 trans-1,2-Dichloroethene	0.28511	0.28311	0.010	-0.7	25.0	
	20 Methyl tert-butyl ether	0.61914	0.55765	0.010	-9.9	25.0	
	24 1,1-Dichloroethane	0.47504	0.47112	0.100	-0.8	25.0	
	27 2,2-Dichloropropane	0.27317	0.27139	0.010	-0.7	25.0	
	28 cis-1,2-dichloroethene	0.29651	0.29604	0.010	-0.2	25.0	
M	29 1,2-Dichloroethene (total)	0.29081	0.28957	0.010	-0.4	25.0	
	30 Bromochloromethane	0.12485	0.12291	0.010	-1.6	25.0	
	31 2-Butanone	0.07164	0.06320	0.010	-11.8	25.0	
	37 Chloroform	0.41753	0.40690	0.010	-2.5	20.0	
	38 1,1,1-Trichloroethane	0.35533	0.35135	0.010	-1.1	25.0	
	40 1,1-Dichloropropene	0.37572	0.37070	0.010	-1.3	25.0	
	41 Carbon Tetrachloride	0.29616	0.29883	0.010	0.9	25.0	
	42 Benzene	1.14710	1.12978	0.010	-1.5	25.0	
	45 1,2-Dichloroethane	0.26626	0.24969	0.010	-6.2	25.0	
	47 Trichloroethene	0.29602	0.29953	0.010	1.2	25.0	
	49 1,2-Dichloropropane	0.27010	0.26394	0.010	-2.3	20.0	
	50 Dibromomethane	0.11599	0.11042	0.010	-4.8	25.0	
	53 Bromodichloromethane	0.26727	0.25539	0.010	-4.4	25.0	
	57 cis-1,3-Dichloropropene	0.38206	0.36882	0.010	-3.5	25.0	
	58 4-Methyl-2-Pentanone	0.79950	0.80949	0.010	1.3	25.0	

STL Pittsburgh

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: hp3.i Injection Date: 10-NOV-2006 05:23
Lab File ID: CC31110.D Init. Cal. Date(s): 15-JUL-2006 21-SEP-2006
Analysis Type: SOIL Init. Cal. Times: 05:22 13:36
Lab Sample ID: vstd50 Quant Type: ISTD
Method: \\QPITPA02\d\chem\hp3.i\3111006d.b\8260bsoil.m

	COMPOUND	RRF	RF50	MIN RRF	%D	MAX %D	
	60 Toluene	5.25139	5.54566	0.010	5.6	20.0	
	61 trans-1,3-Dichloropropene	1.30118	1.35004	0.010	3.8	25.0	
	63 1,3-Dichloropropane	1.42381	1.48593	0.010	4.4	25.0	
	64 1,1,2-Trichloroethane	0.78274	0.80993	0.010	3.5	25.0	
	65 Tetrachloroethene	1.00021	1.08911	0.010	8.9	25.0	
	66 2-Hexanone	0.48532	0.47610	0.010	-1.9	25.0	
	67 Dibromochloromethane	0.73283	0.78155	0.010	6.6	25.0	
	68 1,2-Dibromoethane	0.75525	0.76666	0.010	1.5	25.0	
	70 Chlorobenzene	3.18261	3.41222	0.300	7.2	25.0	
	71 1,1,1,2-Tetrachloroethane	1.00217	1.09657	0.010	9.4	25.0	
	72 Ethylbenzene	1.85542	1.97319	0.010	6.3	20.0	
	73 m + p-Xylene	2.27277	2.42257	0.010	6.6	25.0	
	74 Xylene-o	2.21287	2.36327	0.010	6.8	25.0	
M	75 Xylenes (total)	2.25280	2.40280	0.010	6.7	25.0	
	76 Styrene	3.55141	3.73783	0.010	5.2	25.0	
	77 Bromoform	0.42624	0.44461	0.100	4.3	25.0	
	78 Isopropylbenzene	5.80754	6.29891	0.010	8.5	25.0	
	79 Bromobenzene	0.86366	0.84837	0.010	-1.8	25.0	
	83 1,1,2,2-Tetrachloroethane	0.93401	0.95348	0.300	2.1	25.0	
	84 1,2,3-Trichloropropane	0.20237	0.19095	0.010	-5.6	25.0	
	86 1,3,5-Trimethylbenzene	3.37144	3.34514	0.010	-0.8	25.0	
	87 tert-Butylbenzene	3.11340	3.17791	0.010	2.1	25.0	
	88 1,2,4-Trimethylbenzene	3.41739	3.36034	0.010	-1.7	25.0	
	90 4-Isopropyltoluene	3.91333	3.96672	0.010	1.4	25.0	
	91 1,3-Dichlorobenzene	1.79578	1.77175	0.010	-1.3	25.0	
	93 1,4-Dichlorobenzene	1.81468	1.77384	0.010	-2.3	25.0	
	95 1,2-Dichlorobenzene	1.65374	1.60402	0.010	-3.0	25.0	
	96 1,2-Dibromo-3-chloropropane	0.11752	0.11171	0.010	-4.9	25.0	
	97 1,2,4-Trichlorobenzene	1.22430	1.18898	0.010	-2.9	25.0	
	99 Naphthalene	2.42044	2.28572	0.010	-5.6	25.0	
	156 Methyl Acetate	0.20490	0.15095	0.010	-26.3	25.0	<-
	157 Cyclohexane	0.59233	0.58427	0.010	-1.4	25.0	
	158 Methyl Cyclohexane	0.58035	0.58557	0.010	0.9	25.0	

STL Pittsburgh

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: hp3.i Injection Date: 12-NOV-2006 22:03
Lab File ID: CC31112.D Init. Cal. Date(s): 15-JUL-2006 21-SEP-2006
Analysis Type: SOIL Init. Cal. Times: 05:22 13:36
Lab Sample ID: vstd50 Quant Type: ISTD
Method: \\QPITPA02\d\chem\hp3.i\3111206d.b\8260bsoil.m

	COMPOUND	RRF	RF50	MIN RRF	%D	MAX %D	
$	39 Dibromofluoromethane	0.21526	0.21181	0.010	-1.6	25.0	
$	43 1,2-Dichloroethane-d4	0.21064	0.18308	0.010	-13.1	25.0	
$	59 Toluene-d8	4.14361	4.18979	0.010	1.1	25.0	
$	80 Bromofluorobenzene	1.49203	1.43976	0.010	-3.5	25.0	
	1 Dichlorodifluoromethane	0.29322	0.27147	0.010	-7.4	25.0	
	2 Chloromethane	0.36766	0.35107	0.100	-4.5	25.0	
	3 Vinyl Chloride	0.35517	0.35025	0.010	-1.4	20.0	
	4 Bromomethane	0.08713	0.09483	0.010	8.8	25.0	
	5 Chloroethane	0.08127	0.08909	0.010	9.6	25.0	
	6 Trichlorofluoromethane	0.28848	0.30899	0.010	7.1	25.0	
	10 1,1,2-trichloro-1,2,2-trifl	0.26667	0.26302	0.010	-1.4	25.0	
	12 1,1-Dichloroethene	0.24805	0.24584	0.010	-0.9	20.0	
	15 Carbon Disulfide	0.79985	0.75557	0.010	-5.5	25.0	
	13 Acetone	250	158	0.010	36.9	25.0	<-
	18 Methylene Chloride	250	202	0.010	19.1	25.0	
	19 trans-1,2-Dichloroethene	0.28511	0.28231	0.010	-1.0	25.0	
	20 Methyl tert-butyl ether	0.61914	0.56174	0.010	-9.3	25.0	
	24 1,1-Dichloroethane	0.47504	0.47122	0.100	-0.8	25.0	
	27 2,2-Dichloropropane	0.27317	0.27274	0.010	-0.2	25.0	
	28 cis-1,2-dichloroethene	0.29651	0.29500	0.010	-0.5	25.0	
M	29 1,2-Dichloroethene (total)	0.29081	0.28865	0.010	-0.7	25.0	
	30 Bromochloromethane	0.12485	0.12401	0.010	-0.7	25.0	
	31 2-Butanone	0.07164	0.06592	0.010	-8.0	25.0	
	37 Chloroform	0.41753	0.40875	0.010	-2.1	20.0	
	38 1,1,1-Trichloroethane	0.35533	0.35468	0.010	-0.2	25.0	
	40 1,1-Dichloropropene	0.37572	0.37566	0.010	-0.0	25.0	
	41 Carbon Tetrachloride	0.29616	0.30132	0.010	1.7	25.0	
	42 Benzene	1.14710	1.13172	0.010	-1.3	25.0	
	45 1,2-Dichloroethane	0.26626	0.25150	0.010	-5.5	25.0	
	47 Trichloroethene	0.29602	0.29968	0.010	1.2	25.0	
	49 1,2-Dichloropropane	0.27010	0.26458	0.010	-2.0	20.0	
	50 Dibromomethane	0.11599	0.11225	0.010	-3.2	25.0	
	53 Bromodichloromethane	0.26727	0.25763	0.010	-3.6	25.0	
	57 cis-1,3-Dichloropropene	0.38206	0.37396	0.010	-2.1	25.0	
	58 4-Methyl-2-Pentanone	0.79950	0.80253	0.010	0.4	25.0	

SW846 8270C SURROGATE RECOVERY

Lab Name: Severn Trent Laboratories, Inc. Client: The RETEC Group, Inc.

Lab Code: STLPIT SDG No:

Lot #: C6K060148

Extraction: XXA4FQL01

	CLIENT ID.	SRG01	SRG02	SRG03	SRG04	SRG05	SRG06	TOT OUT
01	SB23(10-13)	98	104	105	86	85	108	00
02	SB23(6-7)	81	87	83	69	68	88	00
03	SB25(18-19.5)	74	81	74	65	63	90	00
04	SB25(18-19.5) RE-1 DL	0 D	0 D	0 D	0 D	0 D	0 D	06
05	SB22(18-20)	61	64	64	54	54	79	00
06	SB22(18-20) RE-1 DL	73	75	73	72	76	74	00
07	SB220(18-20)	53	54	50	41	44	73	00
08	SB220(18-20) RE-1 DL	59	58	49	51	56	63	00
09	SB15(34-35)	81	73	72	76	74	78	00
10	INTRA-LAB QC	89	77	84	69	80	82	00
11	METHOD BLK. JH9RD1AA	101	81	83	78	85	94	00
12	LCS JH9RD1AC	110	95	93	87	97	95	00
13	LAB MS/MSD D	95	84	84	73	84	86	00
14	LAB MS/MSD S	85	74	73	63	72	73	00

SURROGATES		QC LIMITS
SRG01	= 2,4,6-Tribromophenol	(21-144)
SRG02	= 2-Fluorobiphenyl	(26-128)
SRG03	= 2-Fluorophenol	(34-115)
SRG04	= Nitrobenzene-d5	(30-118)
SRG05	= Phenol-d5	(35-117)
SRG06	= Terphenyl-d14	(40-115)

\# Column to be used to flag recovery values
* Values outside of required QC Limits
D System monitoring Compound diluted out

FORM II

STL Pittsburgh

INITIAL CALIBRATION DATA

Start Cal Date : 20-NOV-2006 08:54
End Cal Date : 20-NOV-2006 11:12
Quant Method : ISTD
Origin : Disabled
Target Version : 4.14
Integrator : HP RTE
Method file : \\qpitpa02\d\chem\732.i\d112006.b\8270f.m
Last Edit : 20-Nov-2006 12:32 bungardf
Curve Type : Average

Calibration File Names:
Level 1: \\qpitpa02\d\chem\732.i\d112006.b\D11200C1.D
Level 2: \\qpitpa02\d\chem\732.i\d112006.b\D11200C2.D
Level 3: \\qpitpa02\d\chem\732.i\d112006.b\D11200C3.D
Level 4: \\qpitpa02\d\chem\732.i\d112006.b\D11200C4.D
Level 5: \\qpitpa02\d\chem\732.i\d112006.b\D11200C5.D
Level 6: \\qpitpa02\d\chem\732.i\d112006.b\D11200C6.D

	20.000	40.000	50.000	80.000	120.000	160.000	___		
Compound	Level 1	Level 2	Level 3	Level 4	Level 5	Level 6	RRF	% RSD	
198 1,4-Dioxane	0.00958	+++++	0.01344	+++++	0.01257	0.01255	0.01204	14.055	<-
226 n-Decane	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
227 n-Octadecane	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
7 N-Nitrosomorpholine	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
8 Ethyl methanesulfonate	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
9 Pyridine	0.68606	0.66724	0.71128	0.70049	0.65262	0.61684	0.67242	5.148	
199 Thionazin	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
200 Sulfotepp	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
10 N-Nitrosodimethylamine	0.25181	0.24870	0.26833	0.26000	0.24621	0.23171	0.25113	4.981	
11 Ethyl methacrylate	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
12 3-Chloropropionitrile	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
13 Malononitrile	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
14 2-Picoline	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
15 N-Nitrosomethylethylamine	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
16 Methyl methanesulfonate	0.40859	0.45994	0.41906	0.40091	0.41915	0.41652	0.42069	4.872	
18 1,3-Dichloro-2-propanol	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
19 N-Nitrosodiethylamine	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
21 Aniline	1.31650	1.59333	1.39316	1.40247	1.58678	1.49489	1.46452	7.684	
206 Benzaldehyde	0.69053	0.51373	0.57576	0.46426	0.35042	0.27083	0.47759	31.808	<-
22 Phenol	1.42592	1.42000	1.54753	1.55506	1.46337	1.39495	1.46781	4.655	
23 bis(2-Chloroethyl)ether	1.09209	0.97091	1.07234	1.07033	0.99782	0.94189	1.02423	6.076	
24 2-Chlorophenol	1.27322	1.19703	1.33212	1.32961	1.22948	1.18101	1.25708	5.193	
25 Pentachloroethane	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
26 1,3-Dichlorobenzene	1.64289	1.47632	1.65338	1.63087	1.49547	1.39078	1.54829	7.051	
27 1,4-Dichlorobenzene	1.67845	1.51858	1.70078	1.65354	1.50964	1.43571	1.58278	6.874	
28 1,2-Dichlorobenzene	1.60818	1.46735	1.63912	1.56680	1.40661	1.28802	1.49601	8.976	
29 Benzyl Alcohol	0.32306	0.58484	0.69689	0.73308	0.66694	0.61740	0.60370	24.426	<-
30 2-Methylphenol	1.22981	1.11007	1.22677	1.28550	1.20453	1.07906	1.18929	6.617	

STL Pittsburgh

INITIAL CALIBRATION DATA

Start Cal Date : 20-NOV-2006 08:54
End Cal Date : 20-NOV-2006 11:12
Quant Method : ISTD
Origin : Disabled
Target Version : 4.14
Integrator : HP RTE
Method file : \\qpitpa02\d\chem\732.i\d112006.b\8270f.m
Last Edit : 20-Nov-2006 12:32 bungardf
Curve Type : Average

	Compound	20.000 Level 1	40.000 Level 2	50.000 Level 3	80.000 Level 4	120.000 Level 5	160.000 Level 6	RRF	% RSD	
64	Hexachlorocyclopentadiene	0.10238	0.11740	0.16620	0.19996	0.21044	0.22262	0.16983	29.623	
65	1,2,4,5-Tetrachlorobenzene	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
66	2,4,6-Trichlorophenol	0.32044	0.31305	0.37557	0.37317	0.34683	0.33560	0.34411	7.622	
67	2,4,5-Trichlorophenol	0.37064	0.34582	0.41223	0.40852	0.38546	0.37158	0.38237	6.590	
209	1,1'-Biphenyl	1.37798	1.28432	1.38117	1.25691	1.27423	1.16003	1.28911	6.427	
68	1,2,3,5-Tetrachlorobenzene	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
69	1,4-Dinitrobenzene	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
70	2-Chloronaphthalene	1.12148	0.98976	1.15137	1.11542	1.00551	0.94777	1.05522	7.992	
71	Isosafrole 1	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
M 188	Isosafrole, Total	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
72	Isosafrole 2	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
73	2-Nitroaniline	0.19058	0.19445	0.24138	0.25809	0.24421	0.23703	0.22762	12.353	
74	1,2,3,4-Tetrachlorobenzene	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
75	1,4-Naphthoquinone	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
76	Dimethylphthalate	1.22436	1.10479	1.25554	1.26722	1.15704	1.09594	1.18415	6.368	
77	m-Dinitrobenzene	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
78	2,6-Dinitrotoluene	0.16977	0.18905	0.23770	0.25991	0.24905	0.24807	0.22559	16.385	<-
79	Acenaphthylene	1.78434	1.58715	1.82791	1.76647	1.63487	1.53984	1.69010	6.997	
80	1,2-Dinitrobenzene	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
81	3-Nitroaniline	0.23608	0.23621	0.28759	0.31037	0.29175	0.28907	0.27518	11.385	
82	Acenaphthene	1.11323	0.98377	1.11973	1.11044	0.99775	0.94378	1.04478	7.506	
83	2,4-Dinitrophenol	+++++	0.03643	0.06270	0.09649	0.10558	0.12114	0.08447	40.656	<-
84	Pentachlorobenzene	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
85	4-Nitrophenol	+++++	0.10220	0.12770	0.14367	0.13289	0.13161	0.12762	12.062	
86	Dibenzofuran	1.63476	1.44993	1.67921	1.63847	1.47678	1.37818	1.54289	8.007	
87	2,4-Dinitrotoluene	0.23379	0.25781	0.33706	0.36842	0.34617	0.33518	0.31307	17.238	<-
88	2,3,4,6-Tetrachlorophenol	0.22879	0.28418	0.29308	0.30049	0.31813	0.33500	0.29328	12.437	
89	1-Naphthylamine	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
90	Zinophos	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
91	2,3,5,6-Tetrachlorophenol	0.19873	0.25427	0.27591	0.27526	0.29705	0.30492	0.26769	14.282	
92	2-Naphthylamine	0.79723	0.92203	0.79349	0.76671	0.68453	0.63623	0.76670	12.985	
93	Diethylphthalate	1.20557	1.07143	1.25215	1.26803	1.16649	1.11181	1.17925	6.593	
94	Fluorene	1.33708	1.19223	1.38108	1.34291	1.18020	1.08801	1.25359	9.287	
95	4-Chlorophenyl-phenylether	0.64041	0.57751	0.67540	0.64838	0.57317	0.53254	0.60790	9.028	
96	4-Nitroaniline	0.27023	0.25704	0.31056	0.33455	0.30635	0.29792	0.29611	9.542	
97	5-Nitro-o-toluidine	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-

STL Pittsburgh

INITIAL CALIBRATION DATA

Start Cal Date : 13-NOV-2006 11:43
End Cal Date : 13-NOV-2006 14:00
Quant Method : ISTD
Origin : Disabled
Target Version : 4.14
Integrator : HP RTE
Method file : \\qpitpa02\d\chem\732.i\d111306.b\8270f.m
Last Edit : 14-Nov-2006 05:00 732.i
Curve Type : Average

Calibration File Names:
Level 1: \\qpitpa02\d\chem\732.i\d111306.b\D11130C2.D
Level 2: \\qpitpa02\d\chem\732.i\d111306.b\D11130C3.D
Level 3: \\qpitpa02\d\chem\732.i\d111306.b\D11130C1.D
Level 4: \\qpitpa02\d\chem\732.i\d111306.b\D11130C4.D
Level 5: \\qpitpa02\d\chem\732.i\d111306.b\D11130C5.D
Level 6: \\qpitpa02\d\chem\732.i\d111306.b\D11130C6.D

	Compound	20.000 Level 1	40.000 Level 2	50.000 Level 3	80.000 Level 4	120.000 Level 5	160.000 Level 6	RRF	% RSD	
198	1,4-Dioxane	0.33943	0.28965	0.29575	0.28147	0.28703	0.26834	0.29361	8.271	
226	n-Decane	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
227	n-Octadecane	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
7	N-Nitrosomorpholine	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
8	Ethyl methanesulfonate	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
9	Pyridine	1.36287	1.33379	1.40664	1.49257	1.35655	1.27647	1.37148	5.323	
199	Thionazin	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
200	Sulfotepp	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
10	N-Nitrosodimethylamine	0.67858	0.64297	0.68832	0.69674	0.65318	0.60397	0.66063	5.231	
11	Ethyl methacrylate	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
12	3-Chloropropionitrile	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
13	Malononitrile	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
14	2-Picoline	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
15	N-Nitrosomethylethylamine	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
16	Methyl methanesulfonate	0.70283	0.78174	0.74553	0.68310	0.71890	0.68359	0.71928	5.364	
18	1,3-Dichloro-2-propanol	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
19	N-Nitrosodiethylamine	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
21	Aniline	1.56664	1.79174	1.58014	1.61858	1.85962	1.87579	1.71542	8.332	
206	Benzaldehyde	0.86398	0.70297	0.68901	0.52025	0.35764	0.27963	0.56891	39.316	<-
22	Phenol	1.68818	1.55706	1.71496	1.75536	1.65185	1.61491	1.66372	4.294	
23	bis(2-Chloroethyl)ether	1.03324	0.97317	1.06525	1.09304	1.00701	0.97737	1.02484	4.699	
24	2-Chlorophenol	1.23214	1.17425	1.30214	1.35334	1.26998	1.23192	1.26063	4.954	
25	Pentachloroethane	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
26	1,3-Dichlorobenzene	1.51847	1.42198	1.57354	1.62685	1.53826	1.49498	1.52901	4.566	
27	1,4-Dichlorobenzene	1.53298	1.43185	1.64433	1.64934	1.59487	1.52402	1.56290	5.331	
28	1,2-Dichlorobenzene	1.48346	1.38925	1.54907	1.57965	1.51718	1.47381	1.49874	4.452	
29	Benzyl Alcohol	0.38659	0.42836	0.42821	0.63464	0.56021	0.63583	0.51231	21.813	<-
30	2-Methylphenol	1.17859	1.03817	1.18051	1.21800	1.21714	1.16559	1.16633	5.691	

STL Pittsburgh

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: 732.i Injection Date: 16-NOV-2006 10:47
Lab File ID: D11160C1.D Init. Cal. Date(s): 13-NOV-2006 13-NOV-2006
Analysis Type: SOIL Init. Cal. Times: 11:43 14:00
Lab Sample ID: sstd050 Quant Type: ISTD
Method: \\QPITPA02\D\chem\732.i\d111606.b\8270f.m

	COMPOUND	RRF	RF50	MIN RRF	%D	MAX %D	
198	1,4-Dioxane	0.29361	0.43005	0.010	46.5	25.0	<-
10	N-Nitrosodimethylamine	0.66063	0.68891	0.010	4.3	25.0	
9	Pyridine	1.37148	1.45662	0.010	6.2	25.0	
16	Methyl methanesulfonate	0.71928	0.71479	0.010	-0.6	25.0	
206	Benzaldehyde	0.56891	0.65378	0.010	14.9	25.0	
21	Aniline	1.71542	1.28990	0.010	-24.8	25.0	
22	Phenol	1.66372	1.42953	0.010	-14.1	20.0	
23	bis(2-Chloroethyl)ether	1.02484	0.88134	0.010	-14.0	25.0	
24	2-Chlorophenol	1.26063	1.24072	0.010	-1.6	25.0	
26	1,3-Dichlorobenzene	1.52901	1.63004	0.010	6.6	25.0	
27	1,4-Dichlorobenzene	1.56290	1.65684	0.010	6.0	20.0	
28	1,2-Dichlorobenzene	1.49874	1.58819	0.010	6.0	25.0	
29	Benzyl Alcohol	0.51231	0.44164	0.010	-13.8	25.0	
30	2-Methylphenol	1.16633	1.01652	0.010	-12.8	25.0	
31	2,2'-oxybis(1-Chloropropane	0.94320	0.51108	0.010	-45.8	25.0	<-
37	Acetophenone	1.91507	1.59472	0.010	-16.7	25.0	
32	N-Nitroso-di-n-propylamine	1.04928	0.89433	0.050	-14.8	50.0	
192	4-Methylphenol	1.18296	1.02228	0.010	-13.6	25.0	
34	Hexachloroethane	0.65997	0.66555	0.010	0.8	25.0	
35	Nitrobenzene	0.43839	0.41937	0.010	-4.3	25.0	
41	Isophorone	0.71890	0.63843	0.010	-11.2	25.0	
42	2-Nitrophenol	0.19982	0.20187	0.010	1.0	20.0	
43	2,4-Dimethylphenol	0.36961	0.33294	0.010	-9.9	25.0	
44	bis(2-Chloroethoxy)methane	0.38593	0.33314	0.010	-13.7	25.0	
48	2,4-Dichlorophenol	0.33580	0.36214	0.010	7.8	20.0	
49	Benzoic Acid	0.11684	0.18019	0.010	54.2	25.0	<-
50	1,2,4-Trichlorobenzene	0.41543	0.45580	0.010	9.7	25.0	
51	Naphthalene	1.03829	1.01777	0.010	-2.0	25.0	
52	4-Chloroaniline	0.43986	0.40947	0.010	-6.9	25.0	
54	2,6-Dichlorophenol	0.35638	0.36598	0.010	2.7	25.0	
56	Hexachlorobutadiene	0.30188	0.34727	0.010	15.0	20.0	
208	Caprolactam	0.09434	0.07924	0.010	-16.0	25.0	
59	4-Chloro-3-Methylphenol	0.35671	0.31041	0.010	-13.0	20.0	
62	2-Methylnaphthalene	0.75221	0.74114	0.010	-1.5	25.0	
63	1-Methylnaphthalene	0.66809	0.63514	0.010	-4.9	25.0	

STL Pittsburgh

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: 732.i Injection Date: 16-NOV-2006 10:47
Lab File ID: D11160C1.D Init. Cal. Date(s): 13-NOV-2006 13-NOV-2006
Analysis Type: SOIL Init. Cal. Times: 11:43 14:00
Lab Sample ID: sstd050 Quant Type: ISTD
Method: \\QPITPA02\D\chem\732.i\d111606.b\8270f.m

	COMPOUND	RRF	RF50	MIN RRF	%D	MAX %D	
	125 Pyrene	1.04990	1.02523	0.010	-2.3	25.0	
	131 Butylbenzylphthalate	0.41668	0.38468	0.010	-7.7	25.0	
	135 3,3'-Dichlorobenzidine	0.54786	0.64234	0.010	17.2	25.0	
	136 Benzo(a)Anthracene	1.16101	1.17811	0.010	1.5	25.0	
	137 Chrysene	1.07657	1.05941	0.010	-1.6	25.0	
	139 bis(2-ethylhexyl)Phthalate	0.59951	0.56403	0.010	-5.9	25.0	
	140 Di-n-octylphthalate	1.05624	0.91381	0.010	-13.5	20.0	
	141 Benzo(b)fluoranthene	1.26932	1.31053	0.010	3.2	25.0	
	142 Benzo(k)fluoranthene	1.23961	1.23187	0.010	-0.6	25.0	
	143 7,12-dimethylbenz[a]anthrac	0.56482	0.55215	0.010	-2.2	25.0	
	146 Benzo(a)pyrene	1.10326	1.13740	0.010	3.1	20.0	
	149 Indeno(1,2,3-cd)pyrene	1.11702	1.39567	0.010	24.9	25.0	
	150 Dibenz(a,h)anthracene	1.16147	1.45267	0.010	25.1	25.0	<-
	151 Benzo(g,h,i)perylene	1.18424	1.49828	0.010	26.5	25.0	<-
$	154 Nitrobenzene-d5	0.45357	0.43199	0.010	-4.8	25.0	
$	155 2-Fluorobiphenyl	1.39099	1.52742	0.010	9.8	25.0	
$	156 Terphenyl-d14	0.87180	0.90777	0.010	4.1	25.0	
$	157 Phenol-d5	1.54922	1.37398	0.010	-11.3	25.0	
$	158 2-Fluorophenol	1.18993	1.21735	0.010	2.3	25.0	
$	159 2,4,6-Tribromophenol	0.13553	0.14375	0.010	6.1	25.0	
$	186 2-Chlorophenol-d4	1.30106	1.32256	0.010	1.7	25.0	
$	187 1,2-Dichlorobenzene-d4	1.00982	1.06392	0.010	5.4	25.0	

METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: C6K060148 **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: C6K140000-073 **Prep Batch #...:** 6318073						
Silver	ND	0.50	mg/kg	SW846 6010B	11/14-11/16/06	JJL0D1AA
		Dilution Factor: 1				
		Analysis Time..: 17:41		Analyst ID.....: 402249	Instrument ID..: TRA	
Aluminum	ND	20.0	mg/kg	SW846 6010B	11/14-11/16/06	JJL0D1AC
		Dilution Factor: 1				
		Analysis Time..: 17:41		Analyst ID.....: 402249	Instrument ID..: TRA	
Arsenic	ND	1.0	mg/kg	SW846 6010B	11/14-11/16/06	JJL0D1AD
		Dilution Factor: 1				
		Analysis Time..: 17:41		Analyst ID.....: 402249	Instrument ID..: TRA	
Barium	ND	20.0	mg/kg	SW846 6010B	11/14-11/16/06	JJL0D1AE
		Dilution Factor: 1				
		Analysis Time..: 17:41		Analyst ID.....: 402249	Instrument ID..: TRA	
Beryllium	**0.066 B**	**0.40**	**mg/kg**	**SW846 6010B**	**11/14-11/16/06**	**JJL0D1AF**
		Dilution Factor: 1				
		Analysis Time..: 17:41		Analyst ID.....: 402249	Instrument ID..: TRA	
Calcium	ND	500	mg/kg	SW846 6010B	11/14-11/16/06	JJL0D1AG
		Dilution Factor: 1				
		Analysis Time..: 17:41		Analyst ID.....: 402249	Instrument ID..: TRA	
Cadmium	ND	0.50	mg/kg	SW846 6010B	11/14-11/16/06	JJL0D1AH
		Dilution Factor: 1				
		Analysis Time..: 17:41		Analyst ID.....: 402249	Instrument ID..: TRA	
Cobalt	ND	5.0	mg/kg	SW846 6010B	11/14-11/16/06	JJL0D1AJ
		Dilution Factor: 1				
		Analysis Time..: 17:41		Analyst ID.....: 402249	Instrument ID..: TRA	
Chromium	ND	0.50	mg/kg	SW846 6010B	11/14-11/16/06	JJL0D1AK
		Dilution Factor: 1				
		Analysis Time..: 17:41		Analyst ID.....: 402249	Instrument ID..: TRA	
Copper	**0.16 B**	**2.5**	**mg/kg**	**SW846 6010B**	**11/14-11/16/06**	**JJL0D1AL**
		Dilution Factor: 1				
		Analysis Time..: 17:41		Analyst ID.....: 402249	Instrument ID..: TRA	
Iron	ND	10.0	mg/kg	SW846 6010B	11/14-11/16/06	JJL0D1AM
		Dilution Factor: 1				
		Analysis Time..: 17:41		Analyst ID.....: 402249	Instrument ID..: TRA	

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METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: C6K060148 **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Potassium	**11.9 B**	**500**	**mg/kg**	**SW846 6010B**	**11/14-11/16/06**	**JJL0D1AN**
		Dilution Factor: 1				
		Analysis Time..: 17:41		Analyst ID.....: 402249	Instrument ID..: TRA	
Magnesium	ND	500	mg/kg	SW846 6010B	11/14-11/16/06	JJL0D1AP
		Dilution Factor: 1				
		Analysis Time..: 17:41		Analyst ID.....: 402249	Instrument ID..: TRA	
Manganese	**0.016 B**	**1.5**	**mg/kg**	**SW846 6010B**	**11/14-11/16/06**	**JJL0D1AQ**
		Dilution Factor: 1				
		Analysis Time..: 17:41		Analyst ID.....: 402249	Instrument ID..: TRA	
Sodium	ND	500	mg/kg	SW846 6010B	11/14-11/16/06	JJL0D1AR
		Dilution Factor: 1				
		Analysis Time..: 17:41		Analyst ID.....: 402249	Instrument ID..: TRA	
Nickel	ND	4.0	mg/kg	SW846 6010B	11/14-11/16/06	JJL0D1AT
		Dilution Factor: 1				
		Analysis Time..: 17:41		Analyst ID.....: 402249	Instrument ID..: TRA	
Lead	ND	0.30	mg/kg	SW846 6010B	11/14-11/16/06	JJL0D1AU
		Dilution Factor: 1				
		Analysis Time..: 17:41		Analyst ID.....: 402249	Instrument ID..: TRA	
Selenium	ND	0.50	mg/kg	SW846 6010B	11/14-11/16/06	JJL0D1AV
		Dilution Factor: 1				
		Analysis Time..: 17:41		Analyst ID.....: 402249	Instrument ID..: TRA	
Thallium	ND	1.0	mg/kg	SW846 6010B	11/14-11/16/06	JJL0D1AW
		Dilution Factor: 1				
		Analysis Time..: 17:41		Analyst ID.....: 402249	Instrument ID..: TRA	
Antimony	ND	1.0	mg/kg	SW846 6010B	11/14-11/16/06	JJL0D1AX
		Dilution Factor: 1				
		Analysis Time..: 17:41		Analyst ID.....: 402249	Instrument ID..: TRA	
Vanadium	ND	5.0	mg/kg	SW846 6010B	11/14-11/16/06	JJL0D1A0
		Dilution Factor: 1				
		Analysis Time..: 17:41		Analyst ID.....: 402249	Instrument ID..: TRA	
Zinc	**0.37 B**	**2.0**	**mg/kg**	**SW846 6010B**	**11/14-11/16/06**	**JJL0D1A1**
		Dilution Factor: 1				
		Analysis Time..: 17:41		Analyst ID.....: 402249	Instrument ID..: TRA	

(Continued on next page)

STL-Pittsburgh

Metals Data Reporting Form

Contract Required Detection Limit Standard

Instrument: ICPST **Units:** ug/L

Chart Number: N61116C.ARC **Acceptable Range:** 50% - 150%

Standard Source: Inorganic Ventures **Standard ID:** MET4761-06

Element	WL/ Mass	True Conc	CRA/RLV 11/16/2006 2:11 PM Found	% Rec	Found	% Rec	Found	% Rec	Found	% Rec	Found	% Rec
Aluminum	308.215	200.0	187.94	94.0								
Antimony	206.838	10.0	8.72	87.2								
Arsenic	189.042	10.0	10.72	107.2								
Barium	493.409	200.0	202.46	101.2								
Beryllium	313.042	4.0	4.82	120.5								
Cadmium	226.502	5.0	4.69	93.8								
Calcium	317.933	5000.0	5087.18	101.7								
Chromium	267.716	5.0	4.86	97.2								
Cobalt	228.616	50.0	50.56	101.1								
Copper	324.753	25.0	25.44	101.8								
Iron	271.441	100.0	107.58	107.6								
Lead	220.353	3.0	1.98	66.0								
Magnesium	279.078	5000.0	4984.78	99.7								
Manganese	257.61	15.0	15.59	103.9								
Nickel	231.604	40.0	41.01	102.5								
Potassium	766.491	5000.0	4600.35	92.0								
Selenium	220.353	5.0	4.73	94.6								
Silver	328.068	5.0	5.06	101.2								
Sodium	330.232	5000.0	4946.17	98.9								
Thallium	190.864	10.0	10.28	102.8								
Vanadium	292.402	50.0	51.58	103.2								
Zinc	206.2	20.0	25.33	126.7								

STL-Pittsburgh

Metals Data Reporting Form

Serial Dilution RPD Report

Serial Dilution Sample ID: JH2QTP

Original Sample ID: JH2QT **Client ID:** SB23(10-13)P

Matrix: Soil **Units:** mg/kg **Prep Date:** 11/14/2006 **Prep Batch:** 6318073

Weight: 1.00 **Volume:** 100 **Percent Moisture:** 13.136

Element	WL/ Mass	OS Conc	Q	Serial Dilution Conc	Q	Percent Diff	OS DF	Ser Dil DF	Instr	OS Anal Date	OS Anal Time	Ser Dil Anal Date	Ser Dil Anal Time
Aluminum	308.215	5370		5710		6.3	1	5	ICPST	11/16/2006	18:14	11/16/2006	18:20
Antimony	206.838	0.37	U	1.8	U		1	5	ICPST	11/16/2006	18:14	11/16/2006	18:20
Arsenic	189.042	4.4		4.9	B	9.9	1	5	ICPST	11/16/2006	18:14	11/16/2006	18:20
Barium	493.409	41.7		43.8	B	5.0	1	5	ICPST	11/16/2006	18:14	11/16/2006	18:20
Beryllium	313.042	0.58		0.97	B	66.3	1	5	ICPST	11/16/2006	18:14	11/16/2006	18:20
Cadmium	226.502	0.080	U	0.40	U		1	5	ICPST	11/16/2006	18:14	11/16/2006	18:20
Calcium	317.933	9300		10200		9.3	1	5	ICPST	11/16/2006	18:14	11/16/2006	18:20
Chromium	267.716	8.1		8.8		9.7	1	5	ICPST	11/16/2006	18:14	11/16/2006	18:20
Cobalt	228.616	5.0	B	5.6	B E	11.5	1	5	ICPST	11/16/2006	18:14	11/16/2006	18:20
Copper	324.753	18.4		18.6		0.9	1	5	ICPST	11/16/2006	18:14	11/16/2006	18:20
Iron	271.441	12800		14000		9.1	1	5	ICPST	11/16/2006	18:14	11/16/2006	18:20
Lead	220.353	68.6		74.3		8.3	1	5	ICPST	11/16/2006	18:14	11/16/2006	18:20
Magnesium	279.078	2220		2420	B	8.7	1	5	ICPST	11/16/2006	18:14	11/16/2006	18:20
Manganese	257.61	293		318		8.6	1	5	ICPST	11/16/2006	18:14	11/16/2006	18:20
Nickel	231.604	10.0		11.0	B E	10.9	1	5	ICPST	11/16/2006	18:14	11/16/2006	18:20
Potassium	766.491	767		793	B	3.4	1	5	ICPST	11/16/2006	18:14	11/16/2006	18:20
Selenium	220.353	0.34	B	1.5	U	100.0	1	5	ICPST	11/16/2006	18:14	11/16/2006	18:20
Silver	328.068	0.034	U	0.17	U		1	5	ICPST	11/16/2006	18:14	11/16/2006	18:20
Sodium	330.232	330	B	330	B	0.2	1	5	ICPST	11/16/2006	18:14	11/16/2006	18:20
Thallium	190.864	0.52	U	2.6	U		1	5	ICPST	11/16/2006	18:14	11/16/2006	18:20
Vanadium	292.402	12.7		13.7	B	7.9	1	5	ICPST	11/16/2006	18:14	11/16/2006	18:20
Zinc	206.2	47.8		56.2	E	17.5	1	5	ICPST	11/16/2006	18:14	11/16/2006	18:20

Comments:

5.04.5

U Result is less than the MDL

B Result is between MDL and RL

E Serial dilution percent difference not within limits

Form 9 Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Initial Calibration Blank Results

Instrument: ICPST **Units:** ug/L

Chart Number: N61116C.ARC

Standard Source: _____ **Standard ID:** _____

Element	WL/ Mass	Report Limit	ICB1 11/16/2006 2:06 PM Found	Q	Found	Q	Found	Q	Found	Q	Found	Q
Aluminum	308.215	200	8.0	U								
Antimony	206.838	10	3.2	U								
Arsenic	189.042	10	3.3	U								
Barium	493.409	200	1.0	U								
Beryllium	313.042	4	0.4	U								
Cadmium	226.502	5	0.7	U								
Calcium	317.933	5000	39.5	U								
Chromium	267.716	5	0.9	U								
Cobalt	228.616	50	0.5	U								
Copper	324.753	25	1.2	U								
Iron	271.441	100	18.0	U								
Lead	220.353	3	1.6	U								
Magnesium	279.078	5000	10.2	U								
Manganese	257.61	15	**0.1**	**B**								
Nickel	231.604	40	1.2	U								
Potassium	766.491	5000	**114.0**	**B**								
Selenium	220.353	5	2.6	U								
Silver	328.068	5	**-0.3**	**B**								
Sodium	330.232	5000	157.0	U								
Thallium	190.864	10	4.6	U								
Vanadium	292.402	50	1.0	U								
Zinc	206.2	20	**2.2**	**B**								

U Result is less than the MDL
B Result is between MDL and RL

Form 3 Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Continuing Calibration Blank Result

Instrument: ICPST **Units:** ug/L

Chart Number: N61116C.ARC

Standard Source: _____ **Standard ID:** _____

Element	WL/ Mass	Report Limit	CCB1 11/16/2006 3:12 PM Found	Q	CCB2 11/16/2006 4:18 PM Found	Q	CCB3 11/16/2006 5:25 PM Found	Q	CCB4 11/16/2006 6:31 PM Found	Q	CCB5 11/16/2006 7:37 PM Found	Q
Aluminum	308.215	200	8.0	U	8.0	U	8.0	U	8.0	U	**10.4**	**B**
Antimony	206.838	10	3.2	U	3.2	U	3.2	U	3.2	U	3.2	U
Arsenic	189.042	10	3.3	U	3.3	U	3.3	U	3.3	U	3.3	U
Barium	493.409	200	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Beryllium	313.042	4	**0.4**	**B**	**0.7**	**B**	**0.8**	**B**	**0.8**	**B**	**0.6**	**B**
Cadmium	226.502	5	0.7	U	0.7	U	0.7	U	0.7	U	0.7	U
Calcium	317.933	5000	39.5	U	39.5	U	39.5	U	39.5	U	39.5	U
Chromium	267.716	5	0.9	U	0.9	U	0.9	U	0.9	U	0.9	U
Cobalt	228.616	50	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Copper	324.753	25	1.2	U	1.2	U	1.2	U	**-1.2**	**B**	1.2	U
Iron	271.441	100	18.0	U	18.0	U	18.0	U	18.0	U	18.0	U
Lead	220.353	3	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U
Magnesium	279.078	5000	10.2	U	10.2	U	10.2	U	10.2	U	10.2	U
Manganese	257.61	15	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
Nickel	231.604	40	1.2	U	1.2	U	1.2	U	1.2	U	1.2	U
Potassium	766.491	5000	**107.0**	**B**	**104.0**	**B**	**104.0**	**B**	**104.0**	**B**	**105.0**	**B**
Selenium	220.353	5	2.6	U	2.6	U	2.6	U	2.6	U	2.6	U
Silver	328.068	5	0.3	U	0.3	U	0.3	U	0.3	U	0.3	U
Sodium	330.232	5000	157.0	U	157.0	U	157.0	U	157.0	U	157.0	U
Thallium	190.864	10	4.6	U	4.6	U	4.6	U	4.6	U	4.6	U
Vanadium	292.402	50	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Zinc	206.2	20	**2.3**	**B**	**2.0**	**B**	**1.9**	**B**	**2.5**	**B**	**2.0**	**B**

5.04.5

U Result is less than the MDL
B Result is between MDL and RL

Form 3 Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Continuing Calibration Blank Result

Instrument: ICPST **Units:** ug/L

Chart Number: N61116C.ARC

Standard Source: _____ **Standard ID:** _____

Element	WL/ Mass	Report Limit	CCB7 11/16/2006 8:44 PM Found	Q	Found	Q	Found	Q	Found	Q	Found	Q
Aluminum	308.215	200	8.0	U								
Antimony	206.838	10	3.2	U								
Arsenic	189.042	10	3.3	U								
Barium	493.409	200	1.0	U								
Beryllium	313.042	4	**1.1**	**B**								
Cadmium	226.502	5	0.7	U								
Calcium	317.933	5000	39.5	U								
Chromium	267.716	5	0.9	U								
Cobalt	228.616	50	0.5	U								
Copper	324.753	25	**-1.4**	**B**								
Iron	271.441	100	18.0	U								
Lead	220.353	3	1.6	U								
Magnesium	279.078	5000	10.2	U								
Manganese	257.61	15	0.1	U								
Nickel	231.604	40	1.2	U								
Potassium	766.491	5000	**114.0**	**B**								
Selenium	220.353	5	2.6	U								
Silver	328.068	5	0.3	U								
Sodium	330.232	5000	157.0	U								
Thallium	190.864	10	4.6	U								
Vanadium	292.402	50	1.0	U								
Zinc	206.2	20	**2.5**	**B**								

5.04.5

U Result is less than the MDL
B Result is between MDL and RL

Form 3 Equivalent

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: C6K060148 **Matrix.....:** SO
Date Sampled...: 11/03/06 **Date Received..:** 11/06/06

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: C6K060148-001 **Prep Batch #...:** 6318073							
Silver	90	(75 - 125)			SW846 6010B	11/14-11/16/06	JH2QT1A7
	91	(75 - 125)	0.95	(0-20)	SW846 6010B	11/14-11/16/06	JH2QT1A8
		Dilution Factor: 1					
		Analysis Time..: 18:37			Instrument ID..: TRACEICP	Analyst ID.....: 402249	
		MS Run #.....: 6318048					
Aluminum	NC	(75 - 125)			SW846 6010B	11/14-11/16/06	JH2QT1A9
	NC	(75 - 125)		(0-20)	SW846 6010B	11/14-11/16/06	JH2QT1CA
		Dilution Factor: 1					
		Analysis Time..: 18:37			Instrument ID..: TRACEICP	Analyst ID.....: 402249	
		MS Run #.....: 6318048					
Arsenic	85	(75 - 125)			SW846 6010B	11/14-11/16/06	JH2QT1CC
	87	(75 - 125)	2.0	(0-20)	SW846 6010B	11/14-11/16/06	JH2QT1CD
		Dilution Factor: 1					
		Analysis Time..: 18:37			Instrument ID..: TRACEICP	Analyst ID.....: 402249	
		MS Run #.....: 6318048					
Barium	94	(75 - 125)			SW846 6010B	11/14-11/16/06	JH2QT1CE
	90	(75 - 125)	3.4	(0-20)	SW846 6010B	11/14-11/16/06	JH2QT1CF
		Dilution Factor: 1					
		Analysis Time..: 18:37			Instrument ID..: TRACEICP	Analyst ID.....: 402249	
		MS Run #.....: 6318048					
Beryllium	95	(75 - 125)			SW846 6010B	11/14-11/16/06	JH2QT1CG
	97	(75 - 125)	1.8	(0-20)	SW846 6010B	11/14-11/16/06	JH2QT1CH
		Dilution Factor: 1					
		Analysis Time..: 18:37			Instrument ID..: TRACEICP	Analyst ID.....: 402249	
		MS Run #.....: 6318048					
Calcium	79	(75 - 125)			SW846 6010B	11/14-11/16/06	JH2QT1CJ
	56 N	(75 - 125)	10	(0-20)	SW846 6010B	11/14-11/16/06	JH2QT1CK
		Dilution Factor: 1					
		Analysis Time..: 18:37			Instrument ID..: TRACEICP	Analyst ID.....: 402249	
		MS Run #.....: 6318048					
Cadmium	80	(75 - 125)			SW846 6010B	11/14-11/16/06	JH2QT1CL
	80	(75 - 125)	0.10	(0-20)	SW846 6010B	11/14-11/16/06	JH2QT1CM
		Dilution Factor: 1					
		Analysis Time..: 18:37			Instrument ID..: TRACEICP	Analyst ID.....: 402249	
		MS Run #.....: 6318048					

(Continued on next page)

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: C6K060148 **Matrix.....:** SO
Date Sampled...: 11/03/06 **Date Received..:** 11/06/06

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Cobalt	85	(75 - 125)			SW846 6010B	11/14-11/16/06	JH2QT1CN
	87	(75 - 125)	1.6	(0-20)	SW846 6010B	11/14-11/16/06	JH2QT1CP
		Dilution Factor: 1					
		Analysis Time..: 18:37			Instrument ID..: TRACEICP	Analyst ID.....: 402249	
		MS Run #.....: 6318048					
Chromium	94	(75 - 125)			SW846 6010B	11/14-11/16/06	JH2QT1CQ
	92	(75 - 125)	1.6	(0-20)	SW846 6010B	11/14-11/16/06	JH2QT1CR
		Dilution Factor: 1					
		Analysis Time..: 18:37			Instrument ID..: TRACEICP	Analyst ID.....: 402249	
		MS Run #.....: 6318048					
Copper	82	(75 - 125)			SW846 6010B	11/14-11/16/06	JH2QT1CT
	79	(75 - 125)	1.8	(0-20)	SW846 6010B	11/14-11/16/06	JH2QT1CU
		Dilution Factor: 1					
		Analysis Time..: 18:37			Instrument ID..: TRACEICP	Analyst ID.....: 402249	
		MS Run #.....: 6318048					
Iron	NC	(75 - 125)			SW846 6010B	11/14-11/16/06	JH2QT1CV
	NC	(75 - 125)		(0-20)	SW846 6010B	11/14-11/16/06	JH2QT1CW
		Dilution Factor: 1					
		Analysis Time..: 18:37			Instrument ID..: TRACEICP	Analyst ID.....: 402249	
		MS Run #.....: 6318048					
Potassium	96	(75 - 125)			SW846 6010B	11/14-11/16/06	JH2QT1CX
	91	(75 - 125)	4.4	(0-20)	SW846 6010B	11/14-11/16/06	JH2QT1C0
		Dilution Factor: 1					
		Analysis Time..: 18:37			Instrument ID..: TRACEICP	Analyst ID.....: 402249	
		MS Run #.....: 6318048					
Magnesium	92	(75 - 125)			SW846 6010B	11/14-11/16/06	JH2QT1C1
	89	(75 - 125)	2.8	(0-20)	SW846 6010B	11/14-11/16/06	JH2QT1C2
		Dilution Factor: 1					
		Analysis Time..: 18:37			Instrument ID..: TRACEICP	Analyst ID.....: 402249	
		MS Run #.....: 6318048					
Manganese	NC	(75 - 125)			SW846 6010B	11/14-11/16/06	JH2QT1C3
	NC	(75 - 125)		(0-20)	SW846 6010B	11/14-11/16/06	JH2QT1C4
		Dilution Factor: 1					
		Analysis Time..: 18:37			Instrument ID..: TRACEICP	Analyst ID.....: 402249	
		MS Run #.....: 6318048					

(Continued on next page)

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: C6K060148 **Matrix.....:** SO
Date Sampled...: 11/03/06 **Date Received..:** 11/06/06

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	88	(75 - 125)			SW846 6010B	11/14-11/16/06	JH2QT1C5
	87	(75 - 125)	0.81	(0-20)	SW846 6010B	11/14-11/16/06	JH2QT1C6
		Dilution Factor: 1					
		Analysis Time..: 18:37			Instrument ID..: TRACEICP	Analyst ID.....: 402249	
		MS Run #.....: 6318048					
Nickel	86	(75 - 125)			SW846 6010B	11/14-11/16/06	JH2QT1C7
	87	(75 - 125)	0.54	(0-20)	SW846 6010B	11/14-11/16/06	JH2QT1C8
		Dilution Factor: 1					
		Analysis Time..: 18:37			Instrument ID..: TRACEICP	Analyst ID.....: 402249	
		MS Run #.....: 6318048					
Lead	69 N	(75 - 125)			SW846 6010B	11/14-11/16/06	JH2QT1C9
	71 N	(75 - 125)	0.92	(0-20)	SW846 6010B	11/14-11/16/06	JH2QT1DA
		Dilution Factor: 1					
		Analysis Time..: 18:37			Instrument ID..: TRACEICP	Analyst ID.....: 402249	
		MS Run #.....: 6318048					
Selenium	83	(75 - 125)			SW846 6010B	11/14-11/16/06	JH2QT1DC
	84	(75 - 125)	1.2	(0-20)	SW846 6010B	11/14-11/16/06	JH2QT1DD
		Dilution Factor: 1					
		Analysis Time..: 18:37			Instrument ID..: TRACEICP	Analyst ID.....: 402249	
		MS Run #.....: 6318048					
Thallium	85	(75 - 125)			SW846 6010B	11/14-11/16/06	JH2QT1DE
	87	(75 - 125)	1.6	(0-20)	SW846 6010B	11/14-11/16/06	JH2QT1DF
		Dilution Factor: 1					
		Analysis Time..: 18:37			Instrument ID..: TRACEICP	Analyst ID.....: 402249	
		MS Run #.....: 6318048					
Antimony	67 N	(75 - 125)			SW846 6010B	11/14-11/16/06	JH2QT1DG
	72 N	(75 - 125)	7.8	(0-20)	SW846 6010B	11/14-11/16/06	JH2QT1DH
		Dilution Factor: 1					
		Analysis Time..: 18:37			Instrument ID..: TRACEICP	Analyst ID.....: 402249	
		MS Run #.....: 6318048					
Vanadium	94	(75 - 125)			SW846 6010B	11/14-11/16/06	JH2QT1DJ
	95	(75 - 125)	0.61	(0-20)	SW846 6010B	11/14-11/16/06	JH2QT1DK
		Dilution Factor: 1					
		Analysis Time..: 18:37			Instrument ID..: TRACEICP	Analyst ID.....: 402249	
		MS Run #.....: 6318048					

(Continued on next page)

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: C6K060148 **Matrix.....:** SO
Date Sampled...: 11/03/06 **Date Received..:** 11/06/06

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Zinc	74 N	(75 - 125)			SW846 6010B	11/14-11/16/06	JH2QT1DL
	66 N	(75 - 125)	5.5	(0-20)	SW846 6010B	11/14-11/16/06	JH2QT1DM

Dilution Factor: 1
Analysis Time..: 18:37 Instrument ID..: TRACEICP Analyst ID.....: 402249
MS Run #.....: 6318048

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.

N Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: C6K060148 **Matrix.....:** SOLID
Date Sampled...: 11/03/06 **Date Received..:** 11/09/06

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: C6K090202-004 **Prep Batch #...:** 6325034							
						% Moisture.....: 23	
Mercury	NC	(75 - 125)			SW846 7471A	11/21/06	JJA2C1C9
	NC	(75 - 125)		(0-20)	SW846 7471A	11/21/06	JJA2C1DA

Dilution Factor: 5
Analysis Time..: 11:03 **Instrument ID..:** HGHYDRA **Analyst ID.....:** 031043
MS Run #.....: 6325024

NOTE(S):

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

NC The recovery and/or RPD were not calculated.

RETEC, Schenectady Street MGP

Cyanide, Total

Lab Name:	STL PITTSBURGH	**Method:**	SW846 9012A
Client Name:	The RETEC Group, Inc.	**Report ID:**	C6K060148
Matrix:	SOLID	**Date/Time Received:**	11/6/2006 9:30:00AM

Client Sample ID	Sample Number	Workorder	Result	Units	Reporting Limit	Prep/ Analysis Date	QC Batch	RPD / Limit (%)
BLK - C6K150000440B	440 MB	JJQNN1AA	0.30 B	mg/kg	0.50	11/15/2006 - 11/15/2006	6319440	

B Estimated result. Result is less than RL.

CASE NARRATIVE
The Retec Group
Schenectady Street MGP

LOT # C6K080197

Sample Receiving:
STL Pittsburgh, PA received samples on November 8, 2006. The cooler was received within the proper temperature range.

If project specific QC was not required for samples contained in this report, when batch QC was completed on these samples, anomalous results will be discussed below.

GC/MS Volatiles:
Due to the concentration of target compounds detected, samples SB16(35-37) and SB14(15-17.5) were analyzed as methanol dilutions. Sample SB14(15-17.5) was analyzed at a subsequent dilution. This sample had the surrogates diluted out.

The method blank for batch 6316062 had methylene chloride detected below the reporting limit but above the MDL. The result was flagged with a "J" qualifier. Any sample associated with a blank that had methylene chloride detected had the result flagged with a "B" qualifier.

GC/MS Semivolatiles:
Due to the concentration of target compounds detected, several samples were analyzed at a dilution.

Several samples had the surrogates diluted out.

Metals:
The serial dilution of sample SB11(20-22) was outside of the percent difference control limits for zinc. The result was flagged with an "E" qualifier.

The method blank had analytes detected at concentrations between the MDL and the reporting limit. The results were flagged with a "B" qualifier. Any sample associated with a method blank that had the same analyte detected had the result flagged with a "J" qualifier.

For the matrix spike and matrix spike duplicate of sample SB11(20-22), aluminum, iron, and manganese recoveries were not calculated due to the concentration of analyte in the sample being >4 times the concentration of spike added.

General Chemistry:
The method blank for batch 6319163 had cyanide detected at a concentration between the MDL and the reporting limit. The result was flagged with a "B" qualifier. Any sample associated with a method blank that had the same analyte detected had the result flagged with a "J" qualifier.

SAMPLE SUMMARY

C6K080197

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
JH7FW	001	SB16(35-37)	11/06/06	12:30
JH7F6	002	SB16(49-50)	11/06/06	13:00
JH7F8	003	SB14(38-40)	11/06/06	16:50
JH7GE	004	SB14(15-17.5)	11/06/06	17:00
JH7GJ	005	SB11(20-22)	11/07/06	10:30
JH7GM	006	SB11(38-40)	11/07/06	11:30
JH7GQ	007	SB10(10.5-11.5)	11/07/06	14:30
JH7G0	008	SB10(28-30)	11/07/06	14:45

NOTE(S):

- The analytical results of the samples listed above are presented on the following pages.
- All calculations are performed before rounding to avoid round-off errors in calculated results.
- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

C6K080197

Chain of Custody Record Nº 091

The RETEC Group, Inc.
2550 Eisenhower Avenue • Eagleville, PA 19403-2331
(610) 650-8770 Phone • (610) 650-9001 Fax
www.retec.com

RETEC

Project Name: Sheverdale	Project Number:
Send Report To: James Edland	Sampler (Print Name): Jesse Lloyd
Address: 1001 W. Seneca St Suite 204 Ithaca, NY 14850	Sampler (Print Name): Scott Hausmann
Phone: 607-277-5716	Shipment Method: FedEx
Fax: 607-277-9057	Airbill Number:
	Laboratory Receiving: STL Pittsburgh

Page ____ of ____

Purchase Order #: _____

Field Sample ID	Sample Date	Sample Time	Sample Matrix	Number of Containers	Analysis Requested: VOC 8260	SVOC 8270	TAL Metals 6000/7000	TCLP CN 9012	Comments, Special Instructions, etc.	Lab Sample ID (to be completed by lab)
SB16 (35-37)	11/6/06	1230	Soil	3	X	X	X	X		
SB16 (49-50)		1300		3	X	X	X	X		
SB14 (38-40)		1650		2	X	X	X	X		
SB14 (15-17.5)		1700		3	X	X	X	X		
SB11 (20-22)	11-7-06	1030								
SB11 (38-40)		1130								
SB11 (20-22) MS/MSD		1030		4						
SB10 (10.5-11.5)		1430		5						
SB10 (28-30)		1445		3						

Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
		11-7-06	1550
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
		11-08-06	0830
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:

Sample Custodian Remarks (Completed By Laboratory):

QA/QC Level		Turnaround		Sample Receipt	
NYASP Cat B				Total # Containers Received?	
Level I	☐	Routine	☒	COC Seals Present?	
Level II	☐	24 Hour	☐	COC Seals Intact?	
Level III	☐	1 Week	☐	Received Containers Intact?	
Other	☒	Other ____		Temperature?	

White: Lab Copy Yellow: PM Copy Pink: Field Copy Gold: PM/QA/QC Copy

SW846 8260B SURROGATE RECOVERY

Lab Name: Severn Trent Laboratories, Inc. Client: The RETEC Group, Inc.

Lab Code: STLPIT SDG No:

Lot #: C6K080197

Extraction: XXA4BQK01

	CLIENT ID.	SRG01	SRG02	SRG03	SRG04	TOT OUT
01	SB16(35-37)	91	102	94	96	00
02	SB14(15-17.5)	0 D	0 D	0 D	0 D	04
03	INTRA-LAB QC	88	94	92	93	00
04	METHOD BLK. JJNX91AA	91	97	91	93	00
05	LCS JJNX91AC	87	98	92	93	00
06	LAB MS/MSD D	87	99	93	96	00
07	LAB MS/MSD S	82	96	88	92	00

SURROGATES		QC LIMITS
SRG01	= 1,2-Dichloroethane-d4	(52-124)
SRG02	= Toluene-d8	(72-127)
SRG03	= 4-Bromofluorobenzene	(63-120)
SRG04	= Dibromofluoromethane	(68-121)

\# Column to be used to flag recovery values
* Values outside of required QC Limits
D System monitoring Compound diluted out

FORM II

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: C6K080197 **Work Order #...:** JJJ0R1AA **Matrix.....:** SOLID
MB Lot-Sample #: C6K120000-062

Prep Date.....: 11/12/06 **Analysis Time..:** 22:46
Analysis Date..: 11/12/06 **Prep Batch #...:** 6316062 **Final Wgt/Vol..:** 5 mL
Dilution Factor: 1 **Initial Wgt/Vol:** 5 g **Instrument ID..:** HP3
Analyst ID.....: 010099

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	5.0	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	5.0	ug/kg	SW846 8260B
Dibromochloromethane	ND	5.0	ug/kg	SW846 8260B
1,2-Dibromo-3-chloro-propane	ND	5.0	ug/kg	SW846 8260B
1,2-Dibromoethane	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
1,2-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	5.0	ug/kg	SW846 8260B
Isopropylbenzene	ND	5.0	ug/kg	SW846 8260B
Methyl acetate	ND	5.0	ug/kg	SW846 8260B
Methylene chloride	**2.8 J**	**5.0**	**ug/kg**	**SW846 8260B**
Methylcyclohexane	ND	5.0	ug/kg	SW846 8260B
4-Methyl-2-pentanone	ND	5.0	ug/kg	SW846 8260B
Methyl tert-butyl ether	ND	5.0	ug/kg	SW846 8260B
Styrene	ND	5.0	ug/kg	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	SW846 8260B
1,2,4-Trichloro-benzene	ND	5.0	ug/kg	SW846 8260B

(Continued on next page)

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: C6K080197 **Work Order #...:** JJJ0R1AA **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Tetrachloroethene	ND	5.0	ug/kg	SW846 8260B
1,1,1-Trichloroethane	ND	5.0	ug/kg	SW846 8260B
1,1,2-Trichloroethane	ND	5.0	ug/kg	SW846 8260B
Trichloroethene	ND	5.0	ug/kg	SW846 8260B
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	15	ug/kg	SW846 8260B
Toluene	ND	5.0	ug/kg	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	74	(52 - 124)
Toluene-d8	103	(72 - 127)
4-Bromofluorobenzene	94	(63 - 120)
Dibromofluoromethane	92	(68 - 121)

NOTE(S):

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

J Estimated result. Result is less than RL.

STL Pittsburgh

INITIAL CALIBRATION DATA

Start Cal Date : 21-SEP-2006 08:39
End Cal Date : 21-SEP-2006 13:36
Quant Method : ISTD
Origin : Disabled
Target Version : 4.04
Integrator : HP RTE
Method file : \\qpitpa02\d\chem\hp3.i\3092106.b\8260bsoil.m
Cal Date : 22-Sep-2006 04:31 GordonK
Curve Type : Average

Calibration File Names:
Level 1: \\qpitpa02\d\chem\hp3.i\3092106.b\2A30921.D
Level 2: \\qpitpa02\d\chem\hp3.i\3092106.b\1B30921.D
Level 3: \\qpitpa02\d\chem\hp3.i\3092106.b\1C30921.D
Level 4: \\qpitpa02\d\chem\hp3.i\3092106.b\2D30921.D
Level 5: \\qpitpa02\d\chem\hp3.i\3092106.b\1E30921.D
Level 6: \\qpitpa02\d\chem\hp3.i\3092106.b\1F30921.D

	Compound	5.000 Level 1	25.000 Level 2	50.000 Level 3	75.000 Level 4	100.000 Level 5	200.000 Level 6	___ RRF	% RSD	
1	Dichlorodifluoromethane	0.30135	0.29957	0.28502	0.27276	0.33610	0.26452	0.29322	8.702	
164	trans-1,4-Dichloro-2-butene	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
155	N-Heptane	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
2	Chloromethane	0.39493	0.37661	0.35145	0.33479	0.41535	0.33281	0.36766	9.148	
3	Vinyl Chloride	0.37162	0.35763	0.34322	0.32896	0.40829	0.32128	0.35517	8.972	
4	Bromomethane	0.09817	0.08920	0.08392	0.07777	0.09691	0.07681	0.08713	10.597	
5	Chloroethane	0.08881	0.08760	0.07910	0.07358	0.08825	0.07031	0.08127	9.992	
6	Trichlorofluoromethane	0.26257	0.33288	0.30770	0.26323	0.31897	0.24553	0.28848	12.425	
7	Dichlorofluoromethane	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
8	Ethyl Ether	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
9	Ethanol	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
10	1,1,2-trichloro-1,2,2-trifluo	0.27932	0.26716	0.25593	0.24787	0.30777	0.24195	0.26667	9.077	
156	Methyl Acetate	0.34946	0.19154	0.16994	0.16705	0.19537	0.15606	0.20490	35.332	<-
157	Cyclohexane	0.62426	0.58649	0.56787	0.55800	0.67964	0.53772	0.59233	8.751	
158	Methyl Cyclohexane	0.60900	0.57281	0.55740	0.55072	0.66724	0.52494	0.58035	8.753	
11	Acrolein	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
12	1,1-Dichloroethene	0.24680	0.24685	0.23553	0.23726	0.29034	0.23151	0.24805	8.718	
13	Acetone	0.22973	0.08835	0.06714	0.06097	0.06615	0.05155	0.09398	71.923	<-
14	Iodomethane	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
15	Carbon Disulfide	0.69756	0.76308	0.77327	0.79045	0.98141	0.79330	0.79985	11.942	
16	3-Chloro-1-propene	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
17	Acetonitrile	0.01859	0.01445	0.01479	0.01439	0.01463	0.01452	0.01523	10.859	
18	Methylene Chloride	0.53674	0.35766	0.30188	0.29011	0.33299	0.26382	0.34720	28.367	<-
19	trans-1,2-Dichloroethene	0.30174	0.27881	0.26903	0.27028	0.32780	0.26298	0.28511	8.743	
20	Methyl tert-butyl ether	0.64111	0.59839	0.58323	0.59231	0.71079	0.58901	0.61914	7.988	

STL Pittsburgh

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: hp3.i Injection Date: 12-NOV-2006 22:03
Lab File ID: CC31112.D Init. Cal. Date(s): 15-JUL-2006 21-SEP-2006
Analysis Type: SOIL Init. Cal. Times: 05:22 13:36
Lab Sample ID: vstd50 Quant Type: ISTD
Method: \\QPITPA02\d\chem\hp3.i\3111206d.b\8260bsoil.m

	COMPOUND	RRF	RF50	MIN RRF	%D	MAX %D	
$	39 Dibromofluoromethane	0.21526	0.21181	0.010	-1.6	25.0	
$	43 1,2-Dichloroethane-d4	0.21064	0.18308	0.010	-13.1	25.0	
$	59 Toluene-d8	4.14361	4.18979	0.010	1.1	25.0	
$	80 Bromofluorobenzene	1.49203	1.43978	0.010	-3.5	25.0	
	1 Dichlorodifluoromethane	0.29322	0.27147	0.010	-7.4	25.0	
	2 Chloromethane	0.36766	0.35107	0.100	-4.5	25.0	
	3 Vinyl Chloride	0.35517	0.35025	0.010	-1.4	20.0	
	4 Bromomethane	0.08713	0.09483	0.010	8.8	25.0	
	5 Chloroethane	0.08127	0.08909	0.010	9.6	25.0	
	6 Trichlorofluoromethane	0.28848	0.30899	0.010	7.1	25.0	
	10 1,1,2-trichloro-1,2,2-trifl	0.26667	0.26302	0.010	-1.4	25.0	
	12 1,1-Dichloroethene	0.24805	0.24584	0.010	-0.9	20.0	
	15 Carbon Disulfide	0.79985	0.75557	0.010	-5.5	25.0	
	13 Acetone	250	158	0.010	36.9	25.0	<-
	18 Methylene Chloride	250	202	0.010	19.1	25.0	
	19 trans-1,2-Dichloroethene	0.28511	0.28231	0.010	-1.0	25.0	
	20 Methyl tert-butyl ether	0.61914	0.56174	0.010	-9.3	25.0	
	24 1,1-Dichloroethane	0.47504	0.47122	0.100	-0.8	25.0	
	27 2,2-Dichloropropane	0.27317	0.27274	0.010	-0.2	25.0	
	28 cis-1,2-dichloroethene	0.29651	0.29500	0.010	-0.5	25.0	
M	29 1,2-Dichloroethene (total)	0.29081	0.28865	0.010	-0.7	25.0	
	30 Bromochloromethane	0.12485	0.12401	0.010	-0.7	25.0	
	31 2-Butanone	0.07164	0.06592	0.010	-8.0	25.0	
	37 Chloroform	0.41753	0.40875	0.010	-2.1	20.0	
	38 1,1,1-Trichloroethane	0.35533	0.35468	0.010	-0.2	25.0	
	40 1,1-Dichloropropene	0.37572	0.37566	0.010	-0.0	25.0	
	41 Carbon Tetrachloride	0.29616	0.30132	0.010	1.7	25.0	
	42 Benzene	1.14710	1.13172	0.010	-1.3	25.0	
	45 1,2-Dichloroethane	0.26626	0.25150	0.010	-5.5	25.0	
	47 Trichloroethene	0.29602	0.29968	0.010	1.2	25.0	
	49 1,2-Dichloropropane	0.27010	0.26458	0.010	-2.0	20.0	
	50 Dibromomethane	0.11599	0.11225	0.010	-3.2	25.0	
	53 Bromodichloromethane	0.26727	0.25763	0.010	-3.6	25.0	
	57 cis-1,3-Dichloropropene	0.38206	0.37396	0.010	-2.1	25.0	
	58 4-Methyl-2-Pentanone	0.79950	0.80253	0.010	0.4	25.0	

STL Pittsburgh

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: hp3.i Injection Date: 14-NOV-2006 08:37
Lab File ID: 2C31114.D Init. Cal. Date(s): 19-JUL-2006 15-AUG-2006
Analysis Type: SOIL Init. Cal. Times: 04:54 07:01
Lab Sample ID: vstd50 Quant Type: ISTD
Method: \\QPITPA02\d\chem\hp3.i\3111406d.b\med500.m

	COMPOUND	RRF	RF50	MIN RRF	%D	MAX %D	
$	39 Dibromofluoromethane	0.21901	0.20397	0.010	-6.9	25.0	
$	43 1,2-Dichloroethane-d4	0.24849	0.21502	0.010	-13.5	25.0	
$	59 Toluene-d8	4.15745	4.03825	0.010	-2.9	25.0	
$	80 Bromofluorobenzene	1.59766	1.44690	0.010	-9.4	25.0	
	1 Dichlorodifluoromethane	0.18877	0.21111	0.010	11.8	25.0	
	2 Chloromethane	0.31162	0.32230	0.100	3.4	25.0	
	3 Vinyl Chloride	0.29719	0.31784	0.010	6.9	20.0	
	4 Bromomethane	0.08484	0.08790	0.010	3.6	25.0	
	5 Chloroethane	0.07593	0.08371	0.010	10.2	25.0	
	6 Trichlorofluoromethane	0.25289	0.12734	0.010	-49.6	25.0	<-
	10 1,1,2-trichloro-1,2,2-trifl	0.19244	0.21938	0.010	14.0	25.0	
	12 1,1-Dichloroethene	0.21763	0.24915	0.010	14.5	20.0	
	15 Carbon Disulfide	0.68112	0.72521	0.010	6.5	25.0	
	13 Acetone	0.06696	0.07419	0.010	10.8	25.0	
	17 Acetonitrile	0.02070	0.00038	0.001	-98.2	25.0	<- NA
	18 Methylene Chloride	0.28181	0.17420	0.010	-38.2	25.0	<-
	19 trans-1,2-Dichloroethene	0.26361	0.26833	0.010	1.8	25.0	
	20 Methyl tert-butyl ether	0.76047	0.72936	0.010	-4.1	25.0	
	24 1,1-Dichloroethane	0.44908	0.45795	0.100	2.0	25.0	
	27 2,2-Dichloropropane	0.26603	0.17957	0.010	-32.5	25.0	<-
	28 cis-1,2-dichloroethene	0.29321	0.28698	0.010	-2.1	25.0	
M	29 1,2-Dichloroethene (total)	0.27841	0.27765	0.010	-0.3	25.0	
	30 Bromochloromethane	0.13769	0.13124	0.010	-4.7	25.0	
	31 2-Butanone	0.11218	0.06168	0.010	-45.0	25.0	<-
	37 Chloroform	0.40968	0.40065	0.010	-2.2	20.0	
	38 1,1,1-Trichloroethane	0.33155	0.32507	0.010	-2.0	25.0	
	40 1,1-Dichloropropene	0.33603	0.35874	0.010	6.8	25.0	
	41 Carbon Tetrachloride	0.26487	0.27188	0.010	2.6	25.0	
	42 Benzene	1.12588	1.13114	0.010	0.5	25.0	
	45 1,2-Dichloroethane	0.32246	0.29312	0.010	-9.1	25.0	
	47 Trichloroethene	0.27839	0.28680	0.010	3.0	25.0	
	49 1,2-Dichloropropane	0.27767	0.28426	0.010	2.4	20.0	
	50 Dibromomethane	0.14600	0.13576	0.010	-7.0	25.0	
	53 Bromodichloromethane	0.29096	0.27476	0.010	-5.6	25.0	
	57 cis-1,3-Dichloropropene	0.43473	0.42313	0.010	-2.7	25.0	

SW846 8270C SURROGATE RECOVERY

Lab Name: Severn Trent Laboratories, Inc. Client: The RETEC Group, Inc.

Lab Code: STLPIT SDG No:

Lot #: C6K080197

Extraction: XXA4FQL01

	CLIENT ID.	SRG01	SRG02	SRG03	SRG04	SRG05	SRG06	TOT OUT
01	SB16(35-37)	0 D	0 D	0 D	0 D	0 D	0 D	06
02	SB16(35-37) RE-1 DL	0 D	0 D	0 D	0 D	0 D	0 D	06
03	SB16(49-50)	84	83	90	77	86	86	00
04	SB14(38-40)	99	88	91	79	87	92	00
05	SB14(15-17.5)	0 D	0 D	0 D	0 D	0 D	0 D	06
06	SB14(15-17.5) RE-1 DL	0 D	0 D	0 D	0 D	0 D	0 D	06
07	SB11(20-22)	89	77	84	69	80	82	00
08	SB11(38-40)	97	96	89	74	70	97	00
09	SB10(10.5-11.5)	71	83	77	68	61	81	00
10	SB10(28-30)	84	85	77	66	61	91	00
11	METHOD BLK. JH9RD1AA	101	81	83	78	85	94	00
12	LCS JH9RD1AC	110	95	93	87	97	95	00
13	SB11(20-22) D	95	84	84	73	84	86	00
14	SB11(20-22) S	85	74	73	63	72	73	00

SURROGATES		QC LIMITS
SRG01	= 2,4,6-Tribromophenol	(21-144)
SRG02	= 2-Fluorobiphenyl	(26-128)
SRG03	= 2-Fluorophenol	(34-115)
SRG04	= Nitrobenzene-d5	(30-118)
SRG05	= Phenol-d5	(35-117)
SRG06	= Terphenyl-d14	(40-115)

\# Column to be used to flag recovery values
* Values outside of required QC Limits
D System monitoring Compound diluted out

FORM II

STL Pittsburgh

INITIAL CALIBRATION DATA

Start Cal Date : 13-NOV-2006 11:43
End Cal Date : 13-NOV-2006 14:00
Quant Method : ISTD
Origin : Disabled
Target Version : 4.14
Integrator : HP RTE
Method file : \\qpitpa02\d\chem\732.i\d111306.b\8270f.m
Last Edit : 14-Nov-2006 05:00 732.i
Curve Type : Average

Calibration File Names:
Level 1: \\qpitpa02\d\chem\732.i\d111306.b\D11130C2.D
Level 2: \\qpitpa02\d\chem\732.i\d111306.b\D11130C3.D
Level 3: \\qpitpa02\d\chem\732.i\d111306.b\D11130C1.D
Level 4: \\qpitpa02\d\chem\732.i\d111306.b\D11130C4.D
Level 5: \\qpitpa02\d\chem\732.i\d111306.b\D11130C5.D
Level 6: \\qpitpa02\d\chem\732.i\d111306.b\D11130C6.D

	Compound	20.000 Level 1	40.000 Level 2	50.000 Level 3	80.000 Level 4	120.000 Level 5	160.000 Level 6	RRF	% RSD	
198	1,4-Dioxane	0.33943	0.28965	0.29575	0.28147	0.28703	0.26834	0.29361	8.271	
226	n-Decane	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
227	n-Octadecane	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
7	N-Nitrosomorpholine	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
8	Ethyl methanesulfonate	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
9	Pyridine	1.36287	1.33379	1.40664	1.49257	1.35655	1.27647	1.37148	5.323	
199	Thionazin	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
200	Sulfotepp	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
10	N-Nitrosodimethylamine	0.67858	0.64297	0.68832	0.69674	0.65318	0.60397	0.66063	5.231	
11	Ethyl methacrylate	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
12	3-Chloropropionitrile	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
13	Malononitrile	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
14	2-Picoline	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
15	N-Nitrosomethylethylamine	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
16	Methyl methanesulfonate	0.70283	0.78174	0.74553	0.68310	0.71890	0.68359	0.71928	5.364	
18	1,3-Dichloro-2-propanol	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
19	N-Nitrosodiethylamine	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
21	Aniline	1.56664	1.79174	1.58014	1.61858	1.85962	1.87579	1.71542	8.332	
206	Benzaldehyde	0.86398	0.70297	0.68901	0.52025	0.35764	0.27963	0.56891	39.316	<-
22	Phenol	1.68818	1.55706	1.71496	1.75536	1.65185	1.61491	1.66372	4.294	
23	bis(2-Chloroethyl)ether	1.03324	0.97317	1.06525	1.09304	1.00701	0.97737	1.02484	4.699	
24	2-Chlorophenol	1.23214	1.17425	1.30214	1.35334	1.26998	1.23192	1.26063	4.954	
25	Pentachloroethane	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
26	1,3-Dichlorobenzene	1.51847	1.42198	1.57354	1.62685	1.53826	1.49498	1.52901	4.566	
27	1,4-Dichlorobenzene	1.53298	1.43185	1.64433	1.64934	1.59487	1.52402	1.56290	5.331	
28	1,2-Dichlorobenzene	1.48346	1.38925	1.54907	1.57965	1.51718	1.47381	1.49874	4.452	
29	Benzyl Alcohol	0.38659	0.42836	0.42821	0.63464	0.56021	0.63583	0.51231	21.813	<-
30	2-Methylphenol	1.17859	1.03817	1.18051	1.21800	1.21714	1.16559	1.16633	5.691	

STL Pittsburgh

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: 732.i Injection Date: 15-NOV-2006 09:19
Lab File ID: D11150C1.D Init. Cal. Date(s): 13-NOV-2006 13-NOV-2006
Analysis Type: Init. Cal. Times: 11:43 14:00
Lab Sample ID: sstd050 Quant Type: ISTD
Method: \\qpitpa02\d\chem\732.i\d111506.b\8270f.m

COMPOUND	RRF / AMOUNT	RF50	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE	
198 1,4-Dioxane	0.29361	0.30320	0.010	-3.26543	25.00000	Averaged	
10 N-Nitrosodimethylamine	0.66063	0.64769	0.010	1.95808	25.00000	Averaged	
9 Pyridine	1.37148	1.38430	0.010	-0.93431	25.00000	Averaged	
16 Methyl methanesulfonate	0.71928	0.69333	0.010	3.60703	25.00000	Averaged	
206 Benzaldehyde	0.56891	0.68038	0.010	-19.59254	25.00000	Averaged	
21 Aniline	1.71542	1.50732	0.010	12.13122	25.00000	Averaged	
22 Phenol	1.66372	1.65539	0.010	0.50068	20.00000	Averaged	
23 bis(2-Chloroethyl)ether	1.02484	1.06018	0.010	-3.44822	25.00000	Averaged	
24 2-Chlorophenol	1.26063	1.28715	0.010	-2.10354	25.00000	Averaged	
26 1,3-Dichlorobenzene	1.52901	1.58302	0.010	-3.53205	25.00000	Averaged	
27 1,4-Dichlorobenzene	1.56290	1.62178	0.010	-3.76735	20.00000	Averaged	
28 1,2-Dichlorobenzene	1.49874	1.54610	0.010	-3.16007	25.00000	Averaged	
29 Benzyl Alcohol	0.51231	0.29015	0.010	43.36431	25.00000	Averaged	<-
30 2-Methylphenol	1.16633	1.20945	0.010	-3.69623	25.00000	Averaged	
31 2,2'-oxybis(1-Chloropropane	0.94320	0.96187	0.010	-1.97929	25.00000	Averaged	
37 Acetophenone	1.91507	1.85725	0.010	3.01897	25.00000	Averaged	
32 N-Nitroso-di-n-propylamine	1.04928	1.04327	0.050	0.57291	50.00000	Averaged	
192 4-Methylphenol	1.18296	1.21691	0.010	-2.87008	25.00000	Averaged	
34 Hexachloroethane	0.65997	0.68805	0.010	-4.25530	25.00000	Averaged	
35 Nitrobenzene	0.43839	0.43401	0.010	0.99851	25.00000	Averaged	
41 Isophorone	0.71890	0.72131	0.010	-0.33463	25.00000	Averaged	
42 2-Nitrophenol	0.19982	0.20754	0.010	-3.86093	20.00000	Averaged	
43 2,4-Dimethylphenol	0.36961	0.36703	0.010	0.69716	25.00000	Averaged	
44 bis(2-Chloroethoxy)methane	0.38593	0.39203	0.010	-1.57963	25.00000	Averaged	
48 2,4-Dichlorophenol	0.33580	0.34925	0.010	-4.00650	20.00000	Averaged	
49 Benzoic Acid	0.11684	0.13572	0.010	-16.15582	25.00000	Averaged	
50 1,2,4-Trichlorobenzene	0.41543	0.43259	0.010	-4.13180	25.00000	Averaged	
51 Naphthalene	1.03829	1.06793	0.010	-2.85442	25.00000	Averaged	
52 4-Chloroaniline	0.43986	0.44751	0.010	-1.73950	25.00000	Averaged	
54 2,6-Dichlorophenol	0.35638	0.35066	0.010	1.60450	25.00000	Averaged	
56 Hexachlorobutadiene	0.30188	0.32007	0.010	-6.02746	20.00000	Averaged	
208 Caprolactam	0.09434	0.09500	0.010	-0.69406	25.00000	Averaged	
59 4-Chloro-3-Methylphenol	0.35671	0.37188	0.010	-4.25249	20.00000	Averaged	
62 2-Methylnaphthalene	0.75221	0.78016	0.010	-3.71569	25.00000	Averaged	
63 1-Methylnaphthalene	0.66809	0.67119	0.010	-0.46402	25.00000	Averaged	
64 Hexachlorocyclopentadiene	0.27000	0.20062	0.050	25.69550	50.00000	Averaged	
66 2,4,6-Trichlorophenol	0.42085	0.43653	0.010	-3.72588	20.00000	Averaged	
67 2,4,5-Trichlorophenol	0.46055	0.49682	0.010	-7.87351	25.00000	Averaged	
209 1,1'-Biphenyl	1.50077	1.42232	0.010	5.22735	25.00000	Averaged	
70 2-Chloronaphthalene	1.16619	1.20271	0.010	-3.13139	25.00000	Averaged	
73 2-Nitroaniline	0.40481	0.40785	0.010	-0.75268	25.00000	Averaged	
76 Dimethylphthalate	1.37200	1.42389	0.010	-3.78216	25.00000	Averaged	

STL Pittsburgh

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: 732.i Injection Date: 15-NOV-2006 09:19
Lab File ID: D11150C1.D Init. Cal. Date(s): 13-NOV-2006 13-NOV-2006
Analysis Type: Init. Cal. Times: 11:43 14:00
Lab Sample ID: sstd050 Quant Type: ISTD
Method: \\qpitpa02\d\chem\732.i\d111506.b\8270f.m

COMPOUND	RRF / AMOUNT	RF50	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE	
78 2,6-Dinitrotoluene	0.29768	0.31561	0.010	-6.02488	25.00000	Averaged	
79 Acenaphthylene	1.79829	1.85364	0.010	-3.07787	25.00000	Averaged	
81 3-Nitroaniline	0.28799	0.30420	0.010	-5.62880	25.00000	Averaged	
82 Acenaphthene	1.17157	1.19458	0.010	-1.96454	20.00000	Averaged	
83 2,4-Dinitrophenol	0.14177	0.15359	0.050	-8.33701	50.00000	Averaged	
85 4-Nitrophenol	0.26904	0.26467	0.050	1.62365	50.00000	Averaged	
86 Dibenzofuran	1.71137	1.77912	0.010	-3.95887	25.00000	Averaged	
87 2,4-Dinitrotoluene	0.42803	0.45046	0.010	-5.23879	25.00000	Averaged	
91 2,3,5,6-Tetrachlorophenol	0.34770	0.34140	0.010	1.81221	25.00000	Averaged	
88 2,3,4,6-Tetrachlorophenol	0.37009	0.34574	0.010	6.57901	25.00000	Averaged	
92 2-Naphthylamine	0.76050	0.74888	0.010	1.52705	25.00000	Averaged	
93 Diethylphthalate	1.37896	1.43199	0.010	-3.84523	25.00000	Averaged	
94 Fluorene	1.45986	1.48908	0.010	-2.00128	25.00000	Averaged	
95 4-Chlorophenyl-phenylether	0.82399	0.83956	0.010	-1.88882	25.00000	Averaged	
96 4-Nitroaniline	0.29871	0.30796	0.010	-3.09804	25.00000	Averaged	
98 4,6-Dinitro-2-methylphenol	0.13661	0.14413	0.010	-5.49907	25.00000	Averaged	
99 N-Nitrosodiphenylamine (1)	0.57776	0.59359	0.010	-2.73907	20.00000	Averaged	
100 1,2-Diphenylhydrazine	0.87723	0.85963	0.010	2.00625	25.00000	Averaged	
106 4-Bromophenyl-phenylether	0.27501	0.29130	0.010	-5.92394	25.00000	Averaged	
107 Hexachlorobenzene	0.30661	0.31890	0.010	-4.00797	25.00000	Averaged	
210 Atrazine	0.24301	0.23333	0.010	3.98111	25.00000	Averaged	
111 Pentachlorophenol	0.10745	0.10344	0.010	3.73523	20.00000	Averaged	
115 Phenanthrene	1.15696	1.20473	0.010	-4.12919	25.00000	Averaged	
116 Anthracene	1.17217	1.21184	0.010	-3.38380	25.00000	Averaged	
119 Carbazole	1.01998	1.06820	0.010	-4.72770	25.00000	Averaged	
120 Di-n-Butylphthalate	1.22858	1.27537	0.010	-3.80824	25.00000	Averaged	
123 Fluoranthene	1.36845	1.43059	0.010	-4.54124	20.00000	Averaged	
124 Benzidine	0.55142	0.59739	0.010	-8.33693	25.00000	Averaged	
125 Pyrene	1.04990	1.11295	0.010	-6.00610	25.00000	Averaged	
131 Butylbenzylphthalate	0.41668	0.44435	0.010	-6.64199	25.00000	Averaged	
135 3,3'-Dichlorobenzidine	0.54786	0.62118	0.010	-13.38390	25.00000	Averaged	
136 Benzo(a)Anthracene	1.16101	1.25291	0.010	-7.91486	25.00000	Averaged	
137 Chrysene	1.07657	1.15813	0.010	-7.57627	25.00000	Averaged	
139 bis(2-ethylhexyl)Phthalate	0.59951	0.64362	0.010	-7.35732	25.00000	Averaged	
140 Di-n-octylphthalate	1.05624	0.95859	0.010	9.24486	20.00000	Averaged	
141 Benzo(b)fluoranthene	1.26932	1.22010	0.010	3.87805	25.00000	Averaged	
142 Benzo(k)fluoranthene	1.23961	1.20117	0.010	3.10114	25.00000	Averaged	
143 7,12-dimethylbenz[a]anthrac	0.56482	0.52008	0.010	7.91967	25.00000	Averaged	
146 Benzo(a)pyrene	1.10326	1.13140	0.010	-2.55090	20.00000	Averaged	
149 Indeno(1,2,3-cd)pyrene	1.11702	1.40445	0.010	-25.73222	25.00000	Averaged	<-
150 Dibenz(a,h)anthracene	1.16147	1.45451	0.010	-25.23001	25.00000	Averaged	<-
151 Benzo(g,h,i)perylene	1.18424	1.47822	0.010	-24.82473	25.00000	Averaged	

STL Pittsburgh

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: 732.i Injection Date: 16-NOV-2006 10:47
Lab File ID: D11160C1.D Init. Cal. Date(s): 13-NOV-2006 13-NOV-2006
Analysis Type: SOIL Init. Cal. Times: 11:43 14:00
Lab Sample ID: sstd050 Quant Type: ISTD
Method: \\QPITPA02\D\chem\732.i\d111606.b\8270f.m

	COMPOUND	RRF	RF50	MIN RRF	%D	MAX %D	
198	1,4-Dioxane	0.29361	0.43005	0.010	46.5	25.0	<-
10	N-Nitrosodimethylamine	0.66063	0.68891	0.010	4.3	25.0	
9	Pyridine	1.37148	1.45662	0.010	6.2	25.0	
16	Methyl methanesulfonate	0.71928	0.71479	0.010	-0.6	25.0	
206	Benzaldehyde	0.56891	0.65378	0.010	14.9	25.0	
21	Aniline	1.71542	1.28990	0.010	-24.8	25.0	
22	Phenol	1.66372	1.42953	0.010	-14.1	20.0	
23	bis(2-Chloroethyl)ether	1.02484	0.88134	0.010	-14.0	25.0	
24	2-Chlorophenol	1.26063	1.24072	0.010	-1.6	25.0	
26	1,3-Dichlorobenzene	1.52901	1.63004	0.010	6.6	25.0	
27	1,4-Dichlorobenzene	1.56290	1.65684	0.010	6.0	20.0	
28	1,2-Dichlorobenzene	1.49874	1.58819	0.010	6.0	25.0	
29	Benzyl Alcohol	0.51231	0.44164	0.010	-13.8	25.0	
30	2-Methylphenol	1.16633	1.01652	0.010	-12.8	25.0	
31	2,2'-oxybis(1-Chloropropane	0.94320	0.51108	0.010	-45.8	25.0	<-
37	Acetophenone	1.91507	1.59472	0.010	-16.7	25.0	
32	N-Nitroso-di-n-propylamine	1.04928	0.89433	0.050	-14.8	50.0	
192	4-Methylphenol	1.18296	1.02228	0.010	-13.6	25.0	
34	Hexachloroethane	0.65997	0.66555	0.010	0.8	25.0	
35	Nitrobenzene	0.43839	0.41937	0.010	-4.3	25.0	
41	Isophorone	0.71890	0.63843	0.010	-11.2	25.0	
42	2-Nitrophenol	0.19982	0.20187	0.010	1.0	20.0	
43	2,4-Dimethylphenol	0.36961	0.33294	0.010	-9.9	25.0	
44	bis(2-Chloroethoxy)methane	0.38593	0.33314	0.010	-13.7	25.0	
48	2,4-Dichlorophenol	0.33580	0.36214	0.010	7.8	20.0	
49	Benzoic Acid	0.11684	0.18019	0.010	54.2	25.0	<-
50	1,2,4-Trichlorobenzene	0.41543	0.45580	0.010	9.7	25.0	
51	Naphthalene	1.03829	1.01777	0.010	-2.0	25.0	
52	4-Chloroaniline	0.43986	0.40947	0.010	-6.9	25.0	
54	2,6-Dichlorophenol	0.35638	0.36598	0.010	2.7	25.0	
56	Hexachlorobutadiene	0.30188	0.34727	0.010	15.0	20.0	
208	Caprolactam	0.09434	0.07924	0.010	-16.0	25.0	
59	4-Chloro-3-Methylphenol	0.35671	0.31041	0.010	-13.0	20.0	
62	2-Methylnaphthalene	0.75221	0.74114	0.010	-1.5	25.0	
63	1-Methylnaphthalene	0.66809	0.63514	0.010	-4.9	25.0	

STL Pittsburgh

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: 732.i Injection Date: 16-NOV-2006 10:47
Lab File ID: D11160C1.D Init. Cal. Date(s): 13-NOV-2006 13-NOV-2006
Analysis Type: SOIL Init. Cal. Times: 11:43 14:00
Lab Sample ID: sstd050 Quant Type: ISTD
Method: \\QPITPA02\D\chem\732.i\d111606.b\8270f.m

	COMPOUND	RRF	RF50	MIN RRF	%D	MAX %D	
	125 Pyrene	1.04990	1.02523	0.010	-2.3	25.0	
	131 Butylbenzylphthalate	0.41668	0.38468	0.010	-7.7	25.0	
	135 3,3'-Dichlorobenzidine	0.54786	0.64234	0.010	17.2	25.0	
	136 Benzo(a)Anthracene	1.16101	1.17811	0.010	1.5	25.0	
	137 Chrysene	1.07657	1.05941	0.010	-1.6	25.0	
	139 bis(2-ethylhexyl)Phthalate	0.59951	0.56403	0.010	-5.9	25.0	
	140 Di-n-octylphthalate	1.05624	0.91381	0.010	-13.5	20.0	
	141 Benzo(b)fluoranthene	1.26932	1.31053	0.010	3.2	25.0	
	142 Benzo(k)fluoranthene	1.23961	1.23187	0.010	-0.6	25.0	
	143 7,12-dimethylbenz[a]anthrac	0.56482	0.55215	0.010	-2.2	25.0	
	146 Benzo(a)pyrene	1.10326	1.13740	0.010	3.1	20.0	
	149 Indeno(1,2,3-cd)pyrene	1.11702	1.39567	0.010	24.9	25.0	
	150 Dibenz(a,h)anthracene	1.16147	1.45267	0.010	25.1	25.0	<-
	151 Benzo(g,h,i)perylene	1.18424	1.49828	0.010	26.5	25.0	<-
$	154 Nitrobenzene-d5	0.45357	0.43199	0.010	-4.8	25.0	
$	155 2-Fluorobiphenyl	1.39099	1.52742	0.010	9.8	25.0	
$	156 Terphenyl-d14	0.87180	0.90777	0.010	4.1	25.0	
$	157 Phenol-d5	1.54922	1.37398	0.010	-11.3	25.0	
$	158 2-Fluorophenol	1.18993	1.21735	0.010	2.3	25.0	
$	159 2,4,6-Tribromophenol	0.13553	0.14375	0.010	6.1	25.0	
$	186 2-Chlorophenol-d4	1.30106	1.32256	0.010	1.7	25.0	
$	187 1,2-Dichlorobenzene-d4	1.00982	1.06392	0.010	5.4	25.0	

METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: C6K080197 **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: C6K140000-071 **Prep Batch #...:** 6318071						
Silver	ND	0.50	mg/kg	SW846 6010B	11/16-11/17/06	JJLX81AG
		Dilution Factor: 1				
		Analysis Time..: 14:27		Analyst ID.....: 402249	Instrument ID..: TRA	
Aluminum	**1.3 B**	**20.0**	**mg/kg**	**SW846 6010B**	**11/16-11/17/06**	**JJLX81AH**
		Dilution Factor: 1				
		Analysis Time..: 14:27		Analyst ID.....: 402249	Instrument ID..: TRA	
Arsenic	ND	1.0	mg/kg	SW846 6010B	11/16-11/17/06	JJLX81AJ
		Dilution Factor: 1				
		Analysis Time..: 14:27		Analyst ID.....: 402249	Instrument ID..: TRA	
Barium	ND	20.0	mg/kg	SW846 6010B	11/16-11/17/06	JJLX81AK
		Dilution Factor: 1				
		Analysis Time..: 14:27		Analyst ID.....: 402249	Instrument ID..: TRA	
Beryllium	ND	0.40	mg/kg	SW846 6010B	11/16-11/17/06	JJLX81AL
		Dilution Factor: 1				
		Analysis Time..: 14:27		Analyst ID.....: 402249	Instrument ID..: TRA	
Calcium	ND	500	mg/kg	SW846 6010B	11/16-11/17/06	JJLX81AM
		Dilution Factor: 1				
		Analysis Time..: 14:27		Analyst ID.....: 402249	Instrument ID..: TRA	
Cadmium	ND	0.50	mg/kg	SW846 6010B	11/16-11/17/06	JJLX81AN
		Dilution Factor: 1				
		Analysis Time..: 14:27		Analyst ID.....: 402249	Instrument ID..: TRA	
Cobalt	ND	5.0	mg/kg	SW846 6010B	11/16-11/17/06	JJLX81AP
		Dilution Factor: 1				
		Analysis Time..: 14:27		Analyst ID.....: 402249	Instrument ID..: TRA	
Chromium	ND	0.50	mg/kg	SW846 6010B	11/16-11/17/06	JJLX81AQ
		Dilution Factor: 1				
		Analysis Time..: 14:27		Analyst ID.....: 402249	Instrument ID..: TRA	
Copper	**0.18 B**	**2.5**	**mg/kg**	**SW846 6010B**	**11/16-11/17/06**	**JJLX81AR**
		Dilution Factor: 1				
		Analysis Time..: 14:27		Analyst ID.....: 402249	Instrument ID..: TRA	
Iron	ND	10.0	mg/kg	SW846 6010B	11/16-11/17/06	JJLX81AT
		Dilution Factor: 1				
		Analysis Time..: 14:27		Analyst ID.....: 402249	Instrument ID..: TRA	

(Continued on next page)

METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: C6K080197 **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Potassium	**11.6 B**	**500**	**mg/kg**	**SW846 6010B**	**11/16-11/17/06**	**JJLX81AU**
		Dilution Factor: 1				
		Analysis Time..: 14:27		Analyst ID.....: 402249	Instrument ID..: TRA	
Magnesium	ND	500	mg/kg	SW846 6010B	11/16-11/17/06	JJLX81AV
		Dilution Factor: 1				
		Analysis Time..: 14:27		Analyst ID.....: 402249	Instrument ID..: TRA	
Manganese	ND	1.5	mg/kg	SW846 6010B	11/16-11/17/06	JJLX81AW
		Dilution Factor: 1				
		Analysis Time..: 14:27		Analyst ID.....: 402249	Instrument ID..: TRA	
Sodium	ND	500	mg/kg	SW846 6010B	11/16-11/17/06	JJLX81AX
		Dilution Factor: 1				
		Analysis Time..: 14:27		Analyst ID.....: 402249	Instrument ID..: TRA	
Nickel	ND	4.0	mg/kg	SW846 6010B	11/16-11/17/06	JJLX81A0
		Dilution Factor: 1				
		Analysis Time..: 14:27		Analyst ID.....: 402249	Instrument ID..: TRA	
Lead	ND	0.30	mg/kg	SW846 6010B	11/16-11/17/06	JJLX81A1
		Dilution Factor: 1				
		Analysis Time..: 14:27		Analyst ID.....: 402249	Instrument ID..: TRA	
Selenium	ND	0.50	mg/kg	SW846 6010B	11/16-11/17/06	JJLX81AA
		Dilution Factor: 1				
		Analysis Time..: 14:27		Analyst ID.....: 402249	Instrument ID..: TRA	
Thallium	ND	1.0	mg/kg	SW846 6010B	11/16-11/17/06	JJLX81AC
		Dilution Factor: 1				
		Analysis Time..: 14:27		Analyst ID.....: 402249	Instrument ID..: TRA	
Antimony	**0.52 B**	**1.0**	**mg/kg**	**SW846 6010B**	**11/16-11/17/06**	**JJLX81AD**
		Dilution Factor: 1				
		Analysis Time..: 14:27		Analyst ID.....: 402249	Instrument ID..: TRA	
Vanadium	ND	5.0	mg/kg	SW846 6010B	11/16-11/17/06	JJLX81AE
		Dilution Factor: 1				
		Analysis Time..: 14:27		Analyst ID.....: 402249	Instrument ID..: TRA	
Zinc	ND	2.0	mg/kg	SW846 6010B	11/16-11/17/06	JJLX81AF
		Dilution Factor: 1				
		Analysis Time..: 14:27		Analyst ID.....: 402249	Instrument ID..: TRA	

(Continued on next page)

STL-Pittsburgh

Metals Data Reporting Form

Initial Calibration Blank Results

Instrument: ICPST **Units:** ug/L

Chart Number: N61117D.ARC

Standard Source: _____ **Standard ID:** _____

Element	WL/ Mass	Report Limit	ICB1 11/17/2006 2:05 PM Found	Q	Found	Q	Found	Q	Found	Q	Found	Q
Aluminum	308.215	200	8.0	U								
Antimony	206.838	10	3.2	U								
Arsenic	189.042	10	3.3	U								
Barium	493.409	200	1.0	U								
Beryllium	313.042	4	0.4	U								
Cadmium	226.502	5	0.7	U								
Calcium	317.933	5000	39.5	U								
Chromium	267.716	5	0.9	U								
Cobalt	228.616	50	0.5	U								
Copper	324.753	25	1.2	U								
Iron	271.441	100	18.0	U								
Lead	220.353	3	1.6	U								
Magnesium	279.078	5000	10.2	U								
Manganese	257.61	15	0.1	U								
Nickel	231.604	40	1.2	U								
Potassium	766.491	5000	**105.0**	**B**								
Selenium	220.353	5	2.6	U								
Silver	328.068	5	0.3	U								
Sodium	330.232	5000	157.0	U								
Thallium	190.864	10	4.6	U								
Vanadium	292.402	50	1.0	U								
Zinc	206.2	20	**2.6**	**B**								

U Result is less than the MDL
B Result is between MDL and RL

Form 3 Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Continuing Calibration Blank Result

Instrument: ICPST **Units:** ug/L

Chart Number: N61117D.ARC

Standard Source: _____ **Standard ID:** _____

Element	WL/ Mass	Report Limit	CCB1 11/17/2006 3:11 PM Found	Q	CCB2 11/17/2006 4:17 PM Found	Q	Found	Q	Found	Q	Found	Q
Aluminum	308.215	200	**-11.0**	**B**	**-20.0**	**B**						
Antimony	206.838	10	3.2	U	3.2	U						
Arsenic	189.042	10	3.3	U	3.3	U						
Barium	493.409	200	1.0	U	1.0	U						
Beryllium	313.042	4	0.4	U	0.4	U						
Cadmium	226.502	5	0.7	U	0.7	U						
Calcium	317.933	5000	39.5	U	39.5	U						
Chromium	267.716	5	0.9	U	0.9	U						
Cobalt	228.616	50	0.5	U	0.5	U						
Copper	324.753	25	1.2	U	1.2	U						
Iron	271.441	100	18.0	U	18.0	U						
Lead	220.353	3	1.6	U	1.6	U						
Magnesium	279.078	5000	10.2	U	10.2	U						
Manganese	257.61	15	0.1	U	**-0.3**	**B**						
Nickel	231.604	40	1.2	U	1.2	U						
Potassium	766.491	5000	**108.0**	**B**	**106.0**	**B**						
Selenium	220.353	5	2.6	U	2.6	U						
Silver	328.068	5	**0.3**	**B**	0.3	U						
Sodium	330.232	5000	157.0	U	157.0	U						
Thallium	190.864	10	4.6	U	4.6	U						
Vanadium	292.402	50	1.0	U	1.0	U						
Zinc	206.2	20	**2.5**	**B**	1.7	U						

U Result is less than the MDL
B Result is between MDL and RL

Form 3 Equivalent

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: C6K080197 **Matrix.....:** SO
Date Sampled...: 11/07/06 **Date Received..:** 11/08/06

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: C6K080197-005 **Prep Batch #...:** 6318071							
Silver	93	(75 - 125)			SW846 6010B	11/16-11/17/06	JH7GJ1A9
	93	(75 - 125)	0.98	(0-20)	SW846 6010B	11/16-11/17/06	JH7GJ1CA
		Dilution Factor: 1					
		Analysis Time..: 15:28			Instrument ID..: TRACEICP	Analyst ID.....: 402249	
		MS Run #.....: 6318047					
Aluminum	NC	(75 - 125)			SW846 6010B	11/16-11/17/06	JH7GJ1CD
	NC	(75 - 125)		(0-20)	SW846 6010B	11/16-11/17/06	JH7GJ1CE
		Dilution Factor: 1					
		Analysis Time..: 15:28			Instrument ID..: TRACEICP	Analyst ID.....: 402249	
		MS Run #.....: 6318047					
Arsenic	89	(75 - 125)			SW846 6010B	11/16-11/17/06	JH7GJ1CG
	89	(75 - 125)	0.56	(0-20)	SW846 6010B	11/16-11/17/06	JH7GJ1CH
		Dilution Factor: 1					
		Analysis Time..: 15:28			Instrument ID..: TRACEICP	Analyst ID.....: 402249	
		MS Run #.....: 6318047					
Barium	97	(75 - 125)			SW846 6010B	11/16-11/17/06	JH7GJ1CK
	93	(75 - 125)	3.7	(0-20)	SW846 6010B	11/16-11/17/06	JH7GJ1CL
		Dilution Factor: 1					
		Analysis Time..: 15:28			Instrument ID..: TRACEICP	Analyst ID.....: 402249	
		MS Run #.....: 6318047					
Beryllium	97	(75 - 125)			SW846 6010B	11/16-11/17/06	JH7GJ1CN
	100	(75 - 125)	3.0	(0-20)	SW846 6010B	11/16-11/17/06	JH7GJ1CP
		Dilution Factor: 1					
		Analysis Time..: 15:28			Instrument ID..: TRACEICP	Analyst ID.....: 402249	
		MS Run #.....: 6318047					
Calcium	93	(75 - 125)			SW846 6010B	11/16-11/17/06	JH7GJ1CR
	96	(75 - 125)	2.7	(0-20)	SW846 6010B	11/16-11/17/06	JH7GJ1CT
		Dilution Factor: 1					
		Analysis Time..: 15:28			Instrument ID..: TRACEICP	Analyst ID.....: 402249	
		MS Run #.....: 6318047					
Cadmium	85	(75 - 125)			SW846 6010B	11/16-11/17/06	JH7GJ1CV
	86	(75 - 125)	1.2	(0-20)	SW846 6010B	11/16-11/17/06	JH7GJ1CW
		Dilution Factor: 1					
		Analysis Time..: 15:28			Instrument ID..: TRACEICP	Analyst ID.....: 402249	
		MS Run #.....: 6318047					

(Continued on next page)

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: C6K080197 **Matrix.....:** SO
Date Sampled...: 11/07/06 **Date Received..:** 11/08/06

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Cobalt	89	(75 - 125)			SW846 6010B	11/16-11/17/06	JH7GJ1C0
	91	(75 - 125)	1.5	(0-20)	SW846 6010B	11/16-11/17/06	JH7GJ1C1
		Dilution Factor: 1					
		Analysis Time..: 15:28			Instrument ID..: TRACEICP	Analyst ID.....: 402249	
		MS Run #.....: 6318047					
Chromium	96	(75 - 125)			SW846 6010B	11/16-11/17/06	JH7GJ1C3
	99	(75 - 125)	2.5	(0-20)	SW846 6010B	11/16-11/17/06	JH7GJ1C4
		Dilution Factor: 1					
		Analysis Time..: 15:28			Instrument ID..: TRACEICP	Analyst ID.....: 402249	
		MS Run #.....: 6318047					
Copper	100	(75 - 125)			SW846 6010B	11/16-11/17/06	JH7GJ1C6
	95	(75 - 125)	3.3	(0-20)	SW846 6010B	11/16-11/17/06	JH7GJ1C7
		Dilution Factor: 1					
		Analysis Time..: 15:28			Instrument ID..: TRACEICP	Analyst ID.....: 402249	
		MS Run #.....: 6318047					
Iron	NC	(75 - 125)			SW846 6010B	11/16-11/17/06	JH7GJ1C9
	NC	(75 - 125)		(0-20)	SW846 6010B	11/16-11/17/06	JH7GJ1DA
		Dilution Factor: 1					
		Analysis Time..: 15:28			Instrument ID..: TRACEICP	Analyst ID.....: 402249	
		MS Run #.....: 6318047					
Potassium	93	(75 - 125)			SW846 6010B	11/16-11/17/06	JH7GJ1DD
	88	(75 - 125)	5.1	(0-20)	SW846 6010B	11/16-11/17/06	JH7GJ1DE
		Dilution Factor: 1					
		Analysis Time..: 15:28			Instrument ID..: TRACEICP	Analyst ID.....: 402249	
		MS Run #.....: 6318047					
Magnesium	91	(75 - 125)			SW846 6010B	11/16-11/17/06	JH7GJ1DG
	92	(75 - 125)	0.88	(0-20)	SW846 6010B	11/16-11/17/06	JH7GJ1DH
		Dilution Factor: 1					
		Analysis Time..: 15:28			Instrument ID..: TRACEICP	Analyst ID.....: 402249	
		MS Run #.....: 6318047					
Manganese	NC	(75 - 125)			SW846 6010B	11/16-11/17/06	JH7GJ1DK
	NC	(75 - 125)		(0-20)	SW846 6010B	11/16-11/17/06	JH7GJ1DL
		Dilution Factor: 1					
		Analysis Time..: 15:28			Instrument ID..: TRACEICP	Analyst ID.....: 402249	
		MS Run #.....: 6318047					

(Continued on next page)

STL-Pittsburgh

Metals Data Reporting Form

Serial Dilution RPD Report

Serial Dilution Sample ID: JH7GJP

Original Sample ID: JH7GJ **Client ID:** SB11(20-22)P

Matrix: Soil **Units:** mg/kg **Prep Date:** 11/16/2006 **Prep Batch:** 6318071

Weight: 1.00 **Volume:** 100 **Percent Moisture:** 28.526

Element	WL/ Mass	OS Conc	Q	Serial Dilution Conc	Q	Percent Diff	OS DF	Ser Dil DF	Instr	OS Anal Date	OS Anal Time	Ser Dil Anal Date	Ser Dil Anal Time
Aluminum	308.215	4030		4260		5.7	1	5	ICPST	11/17/2006	15:17	11/17/2006	15:22
Antimony	206.838	0.45	U	2.2	U		1	5	ICPST	11/17/2006	15:17	11/17/2006	15:22
Arsenic	189.042	2.8		3.5	B	25.1	1	5	ICPST	11/17/2006	15:17	11/17/2006	15:22
Barium	493.409	25.0	B	26.1	B	4.4	1	5	ICPST	11/17/2006	15:17	11/17/2006	15:22
Beryllium	313.042	0.42	B	0.44	B	5.0	1	5	ICPST	11/17/2006	15:17	11/17/2006	15:22
Cadmium	226.502	0.097	U	0.49	U		1	5	ICPST	11/17/2006	15:17	11/17/2006	15:22
Calcium	317.933	1570		1670	B	6.5	1	5	ICPST	11/17/2006	15:17	11/17/2006	15:22
Chromium	267.716	6.0		6.1		1.1	1	5	ICPST	11/17/2006	15:17	11/17/2006	15:22
Cobalt	228.616	4.7	B	5.1	B	7.2	1	5	ICPST	11/17/2006	15:17	11/17/2006	15:22
Copper	324.753	10.9		11.6	B	6.3	1	5	ICPST	11/17/2006	15:17	11/17/2006	15:22
Iron	271.441	10900		11500		6.0	1	5	ICPST	11/17/2006	15:17	11/17/2006	15:22
Lead	220.353	4.0		3.7		7.5	1	5	ICPST	11/17/2006	15:17	11/17/2006	15:22
Magnesium	279.078	1620		1730	B	6.8	1	5	ICPST	11/17/2006	15:17	11/17/2006	15:22
Manganese	257.61	299		317		5.9	1	5	ICPST	11/17/2006	15:17	11/17/2006	15:22
Nickel	231.604	10.9		11.6	B	5.8	1	5	ICPST	11/17/2006	15:17	11/17/2006	15:22
Potassium	766.491	640	B	699	B	9.2	1	5	ICPST	11/17/2006	15:17	11/17/2006	15:22
Selenium	220.353	0.58	B	1.8	U	100.0	1	5	ICPST	11/17/2006	15:17	11/17/2006	15:22
Silver	328.068	0.042	U	0.21	U		1	5	ICPST	11/17/2006	15:17	11/17/2006	15:22
Sodium	330.232	113	B	110	U	100.0	1	5	ICPST	11/17/2006	15:17	11/17/2006	15:22
Thallium	190.864	0.64	U	3.2	U		1	5	ICPST	11/17/2006	15:17	11/17/2006	15:22
Vanadium	292.402	10.9		11.7	B	7.5	1	5	ICPST	11/17/2006	15:17	11/17/2006	15:22
Zinc	206.2	28.8		33.0	E	14.8	1	5	ICPST	11/17/2006	15:17	11/17/2006	15:22

Comments:

5.04.5

U Result is less than the MDL
B Result is between MDL and RL
E Serial dilution percent difference not within limits

Form 9 Equivalent

RETEC, Schenectady Street MGP

Cyanide, Total

Lab Name:	STL PITTSBURGH	**Method:**	SW846 9012A
Client Name:	The RETEC Group, Inc.	**Report ID:**	C6K080197
Matrix:	SOLID	**Date/Time Received:**	11/8/2006 9:50:00AM

Client Sample ID	Sample Number	Workorder	Result	Units	Reporting Limit	Prep/ Analysis Date	QC Batch	RPD / Limit (%)
BLK - C6K150000163B	163 MB	JJPJ31AA	0.27 B	mg/kg	0.50	11/15/2006 - 11/15/2006	6319163	
BLK - C6K160000114B	114 MB	JJR891AA	ND	mg/kg	0.50	11/16/2006 - 11/16/2006	6320114	

CASE NARRATIVE
The Retec Group
Schenectady Street MGP

LOT # C6K100374

Sample Receiving:
STL Pittsburgh, PA received samples on November 10, 2006. The cooler was received within the proper temperature range.

Project specific QC was not required for samples contained in this report. Where batch QC was completed on these samples, anomalous results will be discussed below.

GC/MS Volatiles:
The method blanks for batches 6316062 and 6318010 had methylene chloride detected below the reporting limit but above the MDL. The results were flagged with a "J" qualifier. Any sample associated with a blank that had methylene chloride detected had the result flagged with a "B" qualifier.

TCLP GC/MS Volatiles:
Due to the concentration of benzene detected, sample SB17(10.5-11.5) was analyzed at an additional dilution.

GC/MS Semivolatiles:
There were no problems associated with the analysis.

TCLP GC/MS Semivolatiles:
Due to the concentration of cresols detected, SB17(10.5-11.5) was analyzed undiluted and at a 200X dilution. The surrogates were diluted out in the 200X analysis.

Metals:
Sample SB12(25-26) was analyzed at a dilution for cadmium as the undiluted result was less then the negative reporting limit.

The method blank had analytes detected at concentrations between the MDL and the reporting limit. The results were flagged with a "B" qualifier. Any sample associated with a method blank that had the same analyte detected had the result flagged with a "J" qualifier.

TCLP Metals:
The TCLP leachate blank had analytes detected at concentrations between the MDL and the reporting limit. The results were flagged with a "B" qualifier.

General Chemistry:
Sample SB17(10.5-11.5) was analyzed at a dilution for cyanide.

CASE NARRATIVE
The Retec Group
Schenectady Street MGP

LOT # C6K100374

The method blanks for batches 6324176, 6318141, and 6319440 had cyanide detected at a concentration between the MDL and the reporting limit. The results were flagged with a "B" qualifier. Any sample associated with a method blank that had the same analyte detected had the result flagged with a "J" qualifier.

SAMPLE SUMMARY

C6K100374

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
JJG61	001	SB12(25-26)	11/08/06	10:30
JJG64	002	SB12(38-40)	11/08/06	11:00
JJG66	003	SB13(37-39)	11/09/06	09:30
JJG68	004	SB130(37-39)	11/09/06	10:30
JJG7C	005	SB17(10.5-11.5)	11/02/06	16:30
JJG7J	006	SB15(25-27)	11/03/06	13:30

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.

C6K100374

Chain of Custody Record № 092

The RETEC Group, Inc.
2550 Eisenhower Avenue • Eagleville, PA 19403-2331
(610) 650-8770 Phone • (610) 650-9001 Fax
www.retec.com

RETEC

Project Name: Schoreddy	Project Number:
Send Report To: James Edwards	Sampler (Print Name): Scott Hausam
Address: 1001 W. Seneca St Suite 204 Ithaca, NY	Sampler (Print Name): Jesse Lloyd
	Shipment Method: FedEx
	Airbill Number:
Phone: 607-277-5716	Laboratory Receiving: STL Pittsburgh
Fax: 607-277-9057	

Page 1 of 1

Purchase Order #:

Field Sample ID	Sample Date	Sample Time	Sample Matrix	Number of Containers	Analysis Requested: VOC 8260	SVOC 8270	TAL metals 6000/7000	TCLP VOC 1311/8260	TCLP SVOC 1311/8270	TCLP TAL Metals 1311/6010	Corrosivity SW-846	Ignitability 1010	Reactive CN SW-846	Reactive Sulfide SW-846	Comments, Special Instructions, etc.	Lab Sample ID (to be completed by lab)
SB12 (25-26)	11/8/06	1030	Soil	3	X	X	X	X						2	2	analysis is for total CN total sulfide associated with project DNP 11/16/06
SB12 (38-40)	11/8/06	1100			X	X	X	X								
SB13 (37-39)	11/9/06	0930			X	X	X	X								
SB130 (37-39)	11/9/06	1030	↓	↓	X	X	X	X								
SB17 (10.5-11.5)	11/2/06	1630	NAPL	1					X	X	X	X	X	X	X	
SB15 (25-27)	11/3/06	1330	Soil	1					X	X	X	X	X	X	X	

Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
	FedEx	11/9/06	
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
Relinquished by: (Signature)	Received by: (Signature) Patrick R Daust	Date: 11/10/06	Time: 0940

Sample Custodian Remarks (Completed By Laboratory):

QA/QC Level		Turnaround		Sample Receipt	
NY ASP Cat B				Total # Containers Received?	
Level I	☐	Routine	☒	COC Seals Present?	
Level II	☐	24 Hour	☐	COC Seals Intact?	
Level III	☐	1 Week	☐	Received Containers Intact?	
Other	☒	Other ____		Temperature?	

White: Lab Copy Yellow: PM Copy Pink: Field Copy Gold: PM/QA/QC Copy

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: C6K100374 **Work Order #...:** JJJ0R1AA **Matrix.....:** SOLID
MB Lot-Sample #: C6K120000-062

Prep Date.....: 11/12/06 **Analysis Time..:** 22:46
Analysis Date..: 11/12/06 **Prep Batch #...:** 6316062 **Final Wgt/Vol..:** 5 mL
Dilution Factor: 1 **Initial Wgt/Vol:** 5 g **Instrument ID..:** HP3
Analyst ID.....: 010099

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	5.0	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	5.0	ug/kg	SW846 8260B
Dibromochloromethane	ND	5.0	ug/kg	SW846 8260B
1,2-Dibromo-3-chloro-propane	ND	5.0	ug/kg	SW846 8260B
1,2-Dibromoethane	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
1,2-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	5.0	ug/kg	SW846 8260B
Isopropylbenzene	ND	5.0	ug/kg	SW846 8260B
Methyl acetate	ND	5.0	ug/kg	SW846 8260B
Methylene chloride	**2.8 J**	**5.0**	**ug/kg**	**SW846 8260B**
Methylcyclohexane	ND	5.0	ug/kg	SW846 8260B
4-Methyl-2-pentanone	ND	5.0	ug/kg	SW846 8260B
Methyl tert-butyl ether	ND	5.0	ug/kg	SW846 8260B
Styrene	ND	5.0	ug/kg	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	SW846 8260B
1,2,4-Trichloro-benzene	ND	5.0	ug/kg	SW846 8260B

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METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: C6K100374 **Work Order #...:** JJJ0R1AA **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Tetrachloroethene	ND	5.0	ug/kg	SW846 8260B
1,1,1-Trichloroethane	ND	5.0	ug/kg	SW846 8260B
1,1,2-Trichloroethane	ND	5.0	ug/kg	SW846 8260B
Trichloroethene	ND	5.0	ug/kg	SW846 8260B
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	15	ug/kg	SW846 8260B
Toluene	ND	5.0	ug/kg	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	74	(52 - 124)
Toluene-d8	103	(72 - 127)
4-Bromofluorobenzene	94	(63 - 120)
Dibromofluoromethane	92	(68 - 121)

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 #...: C6K100374 **Work Order #...:** JJLTR1AA **Matrix.....:** SOLID
MB Lot-Sample #: C6K140000-010

Prep Date.....: 11/13/06 **Analysis Time..:** 23:41
Analysis Date..: 11/13/06 **Prep Batch #...:** 6318010 **Final Wgt/Vol..:** 5 mL
Dilution Factor: 1 **Initial Wgt/Vol:** 5 g **Instrument ID..:** HP3
Analyst ID.....: 010099

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	5.0	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	5.0	ug/kg	SW846 8260B
Dibromochloromethane	ND	5.0	ug/kg	SW846 8260B
1,2-Dibromo-3-chloro-propane	ND	5.0	ug/kg	SW846 8260B
1,2-Dibromoethane	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
1,2-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	5.0	ug/kg	SW846 8260B
Isopropylbenzene	ND	5.0	ug/kg	SW846 8260B
Methyl acetate	ND	5.0	ug/kg	SW846 8260B
Methylene chloride	**2.3 J**	**5.0**	**ug/kg**	**SW846 8260B**
Methylcyclohexane	ND	5.0	ug/kg	SW846 8260B
4-Methyl-2-pentanone	ND	5.0	ug/kg	SW846 8260B
Methyl tert-butyl ether	ND	5.0	ug/kg	SW846 8260B
Styrene	ND	5.0	ug/kg	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	SW846 8260B
1,2,4-Trichloro-benzene	ND	5.0	ug/kg	SW846 8260B

(Continued on next page)

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: C6K100374 **Work Order #...:** JJLTR1AA **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Tetrachloroethene	ND	5.0	ug/kg	SW846 8260B
1,1,1-Trichloroethane	ND	5.0	ug/kg	SW846 8260B
1,1,2-Trichloroethane	ND	5.0	ug/kg	SW846 8260B
Trichloroethene	ND	5.0	ug/kg	SW846 8260B
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	15	ug/kg	SW846 8260B
Toluene	ND	5.0	ug/kg	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	78	(52 - 124)
Toluene-d8	109	(72 - 127)
4-Bromofluorobenzene	95	(63 - 120)
Dibromofluoromethane	90	(68 - 121)

NOTE(S):

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

J Estimated result. Result is less than RL.

STL Pittsburgh

INITIAL CALIBRATION DATA

Start Cal Date : 21-SEP-2006 08:39
End Cal Date : 21-SEP-2006 13:36
Quant Method : ISTD
Origin : Disabled
Target Version : 4.04
Integrator : HP RTE
Method file : \\qpitpa02\d\chem\hp3.i\3092106.b\8260bsoil.m
Cal Date : 22-Sep-2006 04:31 GordonK
Curve Type : Average

Calibration File Names:
Level 1: \\qpitpa02\d\chem\hp3.i\3092106.b\2A30921.D
Level 2: \\qpitpa02\d\chem\hp3.i\3092106.b\1B30921.D
Level 3: \\qpitpa02\d\chem\hp3.i\3092106.b\1C30921.D
Level 4: \\qpitpa02\d\chem\hp3.i\3092106.b\2D30921.D
Level 5: \\qpitpa02\d\chem\hp3.i\3092106.b\1E30921.D
Level 6: \\qpitpa02\d\chem\hp3.i\3092106.b\1F30921.D

	Compound	5.000 Level 1	25.000 Level 2	50.000 Level 3	75.000 Level 4	100.000 Level 5	200.000 Level 6	RRF	% RSD	
1	Dichlorodifluoromethane	0.30135	0.29957	0.28502	0.27276	0.33610	0.26452	0.29322	8.702	
164	trans-1,4-Dichloro-2-butene	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
155	N-Heptane	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
2	Chloromethane	0.39493	0.37661	0.35145	0.33479	0.41535	0.33281	0.36766	9.148	
3	Vinyl Chloride	0.37162	0.35763	0.34322	0.32896	0.40829	0.32128	0.35517	8.972	
4	Bromomethane	0.09817	0.08920	0.08392	0.07777	0.09691	0.07681	0.08713	10.597	
5	Chloroethane	0.08881	0.08760	0.07910	0.07358	0.08825	0.07031	0.08127	9.992	
6	Trichlorofluoromethane	0.26257	0.33288	0.30770	0.26323	0.31897	0.24553	0.28848	12.425	
7	Dichlorofluoromethane	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
8	Ethyl Ether	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
9	Ethanol	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
10	1,1,2-trichloro-1,2,2-trifluo	0.27932	0.26716	0.25593	0.24787	0.30777	0.24195	0.26667	9.077	
156	Methyl Acetate	0.34946	0.19154	0.16994	0.16705	0.19537	0.15606	0.20490	35.332	<-
157	Cyclohexane	0.62426	0.58649	0.56787	0.55800	0.67964	0.53772	0.59233	8.751	
158	Methyl Cyclohexane	0.60900	0.57281	0.55740	0.55072	0.66724	0.52494	0.58035	8.753	
11	Acrolein	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
12	1,1-Dichloroethene	0.24680	0.24685	0.23553	0.23726	0.29034	0.23151	0.24805	8.718	
13	Acetone	0.22973	0.08835	0.06714	0.06097	0.06615	0.05155	0.09398	71.923	<-
14	Iodomethane	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
15	Carbon Disulfide	0.69756	0.76308	0.77327	0.79045	0.98141	0.79330	0.79985	11.942	
16	3-Chloro-1-propene	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
17	Acetonitrile	0.01859	0.01445	0.01479	0.01439	0.01463	0.01452	0.01523	10.859	
18	Methylene Chloride	0.53674	0.35766	0.30188	0.29011	0.33299	0.26382	0.34720	28.367	<-
19	trans-1,2-Dichloroethene	0.30174	0.27881	0.26903	0.27028	0.32780	0.26298	0.28511	8.743	
20	Methyl tert-butyl ether	0.64111	0.59839	0.58323	0.59231	0.71079	0.58901	0.61914	7.988	

STL Pittsburgh

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: hp3.i Injection Date: 12-NOV-2006 22:03
Lab File ID: CC31112.D Init. Cal. Date(s): 15-JUL-2006 21-SEP-2006
Analysis Type: SOIL Init. Cal. Times: 05:22 13:36
Lab Sample ID: vstd50 Quant Type: ISTD
Method: \\QPITPA02\d\chem\hp3.i\3111206d.b\8260bsoil.m

	COMPOUND	RRF	RF50	MIN RRF	%D	MAX %D	
$	39 Dibromofluoromethane	0.21526	0.21181	0.010	-1.6	25.0	
$	43 1,2-Dichloroethane-d4	0.21064	0.18308	0.010	-13.1	25.0	
$	59 Toluene-d8	4.14361	4.18979	0.010	1.1	25.0	
$	80 Bromofluorobenzene	1.49203	1.43978	0.010	-3.5	25.0	
	1 Dichlorodifluoromethane	0.29322	0.27147	0.010	-7.4	25.0	
	2 Chloromethane	0.36766	0.35107	0.100	-4.5	25.0	
	3 Vinyl Chloride	0.35517	0.35025	0.010	-1.4	20.0	
	4 Bromomethane	0.08713	0.09483	0.010	8.8	25.0	
	5 Chloroethane	0.08127	0.08909	0.010	9.6	25.0	
	6 Trichlorofluoromethane	0.28848	0.30899	0.010	7.1	25.0	
	10 1,1,2-trichloro-1,2,2-trifl	0.26667	0.26302	0.010	-1.4	25.0	
	12 1,1-Dichloroethene	0.24805	0.24584	0.010	-0.9	20.0	
	15 Carbon Disulfide	0.79985	0.75557	0.010	-5.5	25.0	
	13 Acetone	250	158	0.010	36.9	25.0	<-
	18 Methylene Chloride	250	202	0.010	19.1	25.0	
	19 trans-1,2-Dichloroethene	0.28511	0.28231	0.010	-1.0	25.0	
	20 Methyl tert-butyl ether	0.61914	0.56174	0.010	-9.3	25.0	
	24 1,1-Dichloroethane	0.47504	0.47122	0.100	-0.8	25.0	
	27 2,2-Dichloropropane	0.27317	0.27274	0.010	-0.2	25.0	
	28 cis-1,2-dichloroethene	0.29651	0.29500	0.010	-0.5	25.0	
M	29 1,2-Dichloroethene (total)	0.29081	0.28865	0.010	-0.7	25.0	
	30 Bromochloromethane	0.12485	0.12401	0.010	-0.7	25.0	
	31 2-Butanone	0.07164	0.06592	0.010	-8.0	25.0	
	37 Chloroform	0.41753	0.40875	0.010	-2.1	20.0	
	38 1,1,1-Trichloroethane	0.35533	0.35468	0.010	-0.2	25.0	
	40 1,1-Dichloropropene	0.37572	0.37566	0.010	-0.0	25.0	
	41 Carbon Tetrachloride	0.29616	0.30132	0.010	1.7	25.0	
	42 Benzene	1.14710	1.13172	0.010	-1.3	25.0	
	45 1,2-Dichloroethane	0.26626	0.25150	0.010	-5.5	25.0	
	47 Trichloroethene	0.29602	0.29968	0.010	1.2	25.0	
	49 1,2-Dichloropropane	0.27010	0.26458	0.010	-2.0	20.0	
	50 Dibromomethane	0.11599	0.11225	0.010	-3.2	25.0	
	53 Bromodichloromethane	0.26727	0.25763	0.010	-3.6	25.0	
	57 cis-1,3-Dichloropropene	0.38206	0.37396	0.010	-2.1	25.0	
	58 4-Methyl-2-Pentanone	0.79950	0.80253	0.010	0.4	25.0	

STL Pittsburgh

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: hp3.i Injection Date: 13-NOV-2006 22:37
Lab File ID: CC31113K.D Init. Cal. Date(s): 15-JUL-2006 21-SEP-2006
Analysis Type: SOIL Init. Cal. Times: 05:22 13:36
Lab Sample ID: vstd50 Quant Type: ISTD
Method: \\QPITPA02\d\chem\hp3.i\3111306k.b\8260bsoil.m

	COMPOUND	RRF	RF50	MIN RRF	%D	MAX %D	
$	39 Dibromofluoromethane	0.21526	0.20802	0.010	-3.4	25.0	
$	43 1,2-Dichloroethane-d4	0.21064	0.19423	0.010	-7.8	25.0	
$	59 Toluene-d8	4.14361	4.32690	0.010	4.4	25.0	
$	80 Bromofluorobenzene	1.49203	1.44829	0.010	-2.9	25.0	
	1 Dichlorodifluoromethane	0.29322	0.24919	0.010	-15.0	25.0	
	2 Chloromethane	0.36766	0.33897	0.100	-7.8	25.0	
	3 Vinyl Chloride	0.35517	0.34461	0.010	-3.0	20.0	
	4 Bromomethane	0.08713	0.10527	0.010	20.8	25.0	
	5 Chloroethane	0.08127	0.10195	0.010	25.4	25.0	<-
	6 Trichlorofluoromethane	0.28848	0.32336	0.010	12.1	25.0	
	10 1,1,2-trichloro-1,2,2-trifl	0.26667	0.26855	0.010	0.7	25.0	
	12 1,1-Dichloroethene	0.24805	0.24595	0.010	-0.8	20.0	
	15 Carbon Disulfide	0.79985	0.75619	0.010	-5.5	25.0	
	13 Acetone	250	178	0.010	28.9	25.0	<-
	18 Methylene Chloride	250	206	0.010	17.7	25.0	
	19 trans-1,2-Dichloroethene	0.28511	0.28557	0.010	0.2	25.0	
	20 Methyl tert-butyl ether	0.61914	0.57321	0.010	-7.4	25.0	
	24 1,1-Dichloroethane	0.47504	0.49602	0.100	4.4	25.0	
	27 2,2-Dichloropropane	0.27317	0.27951	0.010	2.3	25.0	
	28 cis-1,2-dichloroethene	0.29651	0.29765	0.010	0.4	25.0	
M	29 1,2-Dichloroethene (total)	0.29081	0.29161	0.010	0.3	25.0	
	30 Bromochloromethane	0.12485	0.12031	0.010	-3.6	25.0	
	31 2-Butanone	0.07164	0.07251	0.010	1.2	25.0	
	37 Chloroform	0.41753	0.42548	0.010	1.9	20.0	
	38 1,1,1-Trichloroethane	0.35533	0.36405	0.010	2.5	25.0	
	40 1,1-Dichloropropene	0.37572	0.39345	0.010	4.7	25.0	
	41 Carbon Tetrachloride	0.29616	0.30116	0.010	1.7	25.0	
	42 Benzene	1.14710	1.16963	0.010	2.0	25.0	
	45 1,2-Dichloroethane	0.26626	0.27122	0.010	1.9	25.0	
	47 Trichloroethene	0.29602	0.28804	0.010	-2.7	25.0	
	49 1,2-Dichloropropane	0.27010	0.27874	0.010	3.2	20.0	
	50 Dibromomethane	0.11599	0.11481	0.010	-1.0	25.0	
	53 Bromodichloromethane	0.26727	0.26651	0.010	-0.3	25.0	
	57 cis-1,3-Dichloropropene	0.38206	0.37526	0.010	-1.8	25.0	
	58 4-Methyl-2-Pentanone	0.79950	0.87733	0.010	9.7	25.0	

STL Pittsburgh

INITIAL CALIBRATION DATA

Start Cal Date : 21-NOV-2006 08:39
End Cal Date : 21-NOV-2006 10:56
Quant Method : ISTD
Origin : Disabled
Target Version : 4.14
Integrator : HP RTE
Method file : \\qpitpa02\d\chem\732.i\d112106.b\8270f.m
Last Edit : 22-Nov-2006 05:11 bungardf
Curve Type : Average

Calibration File Names:
Level 1: \\qpitpa02\d\chem\732.i\d112106.b\D11210C1.D
Level 2: \\qpitpa02\d\chem\732.i\d112106.b\D11210C2.D
Level 3: \\qpitpa02\d\chem\732.i\d112106.b\D11210C3.D
Level 4: \\qpitpa02\d\chem\732.i\d112106.b\D11210C4.D
Level 5: \\qpitpa02\d\chem\732.i\d112106.b\D11210C5.D
Level 6: \\qpitpa02\d\chem\732.i\d112106.b\D11210C6.D

	Compound	20.000 Level 1	40.000 Level 2	50.000 Level 3	80.000 Level 4	120.000 Level 5	160.000 Level 6	___ RRF	% RSD	
198	1,4-Dioxane	+++++	+++++	+++++	0.01191	0.01221	0.01227	0.01213	1.600	<-
226	n-Decane	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
227	n-Octadecane	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
7	N-Nitrosomorpholine	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
8	Ethyl methanesulfonate	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
9	Pyridine	0.70512	0.60629	0.71950	0.69816	0.62235	0.61819	0.66160	7.727	
199	Thionazin	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
200	Sulfotepp	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
10	N-Nitrosodimethylamine	0.26697	0.22858	0.27153	0.26721	0.24344	0.24229	0.25334	6.932	
11	Ethyl methacrylate	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
12	3-Chloropropionitrile	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
13	Malononitrile	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
14	2-Picoline	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
15	N-Nitrosomethylethylamine	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
16	Methyl methanesulfonate	0.39234	0.44626	0.44071	0.40297	0.40745	0.41239	0.41702	5.183	
18	1,3-Dichloro-2-propanol	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
19	N-Nitrosodiethylamine	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
21	Aniline	1.40184	1.54267	1.41921	1.42017	1.53963	1.48184	1.46756	4.303	
206	Benzaldehyde	0.67226	0.49805	0.52499	0.39400	0.28253	0.23761	0.43491	37.396	<-
22	Phenol	1.57327	1.40862	1.58811	1.55798	1.42737	1.38487	1.49004	6.208	
23	bis(2-Chloroethyl)ether	1.04909	0.93357	1.08654	1.06391	0.95880	0.93115	1.00384	7.006	
24	2-Chlorophenol	1.34106	1.20370	1.36122	1.33820	1.21540	1.17183	1.27190	6.579	
25	Pentachloroethane	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
26	1,3-Dichlorobenzene	1.63221	1.42681	1.65394	1.62956	1.45754	1.40896	1.53484	7.493	
27	1,4-Dichlorobenzene	1.67664	1.48179	1.69931	1.64756	1.50457	1.43793	1.57463	7.156	
28	1,2-Dichlorobenzene	1.62282	1.42384	1.62193	1.55647	1.38673	1.27575	1.48126	9.545	
29	Benzyl Alcohol	0.61652	0.59957	0.76803	0.73684	0.66289	0.63414	0.66966	10.179	
30	2-Methylphenol	1.23990	1.12107	1.29684	1.25874	1.15548	1.10029	1.19539	6.739	

STL Pittsburgh

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: 732.i Injection Date: 28-NOV-2006 12:17
Lab File ID: D11280C1.D Init. Cal. Date(s): 21-NOV-2006 21-NOV-2006
Analysis Type: Init. Cal. Times: 08:39 10:56
Lab Sample ID: sstd050 Quant Type: ISTD
Method: \\qpitpa02\d\chem\732.i\d112806.b\8270f.m

COMPOUND	RRF / AMOUNT	RF50	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE	
198 1,4-Dioxane	0.01213	0.01479	0.010	-21.92331	25.00000	Averaged	
10 N-Nitrosodimethylamine	0.25334	0.23892	0.010	5.69149	25.00000	Averaged	
9 Pyridine	0.66160	0.69153	0.010	-4.52277	25.00000	Averaged	
16 Methyl methanesulfonate	0.41702	0.43216	0.010	-3.63059	25.00000	Averaged	
206 Benzaldehyde	0.43491	0.55006	0.010	-26.47919	25.00000	Averaged	<-
21 Aniline	1.46756	1.33634	0.010	8.94129	25.00000	Averaged	
22 Phenol	1.49004	1.45892	0.010	2.08833	20.00000	Averaged	
23 bis(2-Chloroethyl)ether	1.00384	1.04029	0.010	-3.63090	25.00000	Averaged	
24 2-Chlorophenol	1.27190	1.34000	0.010	-5.35364	25.00000	Averaged	
26 1,3-Dichlorobenzene	1.53484	1.64636	0.010	-7.26642	25.00000	Averaged	
27 1,4-Dichlorobenzene	1.57463	1.68279	0.010	-6.86851	20.00000	Averaged	
28 1,2-Dichlorobenzene	1.48126	1.57505	0.010	-6.33195	25.00000	Averaged	
29 Benzyl Alcohol	0.66966	0.81732	0.010	-22.04876	25.00000	Averaged	
30 2-Methylphenol	1.19539	1.20532	0.010	-0.83145	25.00000	Averaged	
31 2,2'-oxybis(1-Chloropropane	1.10832	1.18515	0.010	-6.93203	25.00000	Averaged	
37 Acetophenone	1.67683	1.61724	0.010	3.55321	25.00000	Averaged	
32 N-Nitroso-di-n-propylamine	0.78142	0.77995	0.050	0.18830	50.00000	Averaged	
192 4-Methylphenol	1.29396	1.27264	0.010	1.64812	25.00000	Averaged	
34 Hexachloroethane	0.61510	0.68051	0.010	-10.63542	25.00000	Averaged	
35 Nitrobenzene	0.28918	0.32508	0.010	-12.41327	25.00000	Averaged	
41 Isophorone	0.54056	0.57030	0.010	-5.50081	25.00000	Averaged	
42 2-Nitrophenol	0.17908	0.19566	0.010	-9.25879	20.00000	Averaged	
43 2,4-Dimethylphenol	0.28512	0.29912	0.010	-4.90951	25.00000	Averaged	
44 bis(2-Chloroethoxy)methane	0.34535	0.36718	0.010	-6.32180	25.00000	Averaged	
48 2,4-Dichlorophenol	0.32196	0.34173	0.010	-6.13868	20.00000	Averaged	
49 Benzoic Acid	0.17601	0.22245	0.010	-26.38025	25.00000	Averaged	<-
50 1,2,4-Trichlorobenzene	0.35846	0.39105	0.010	-9.09143	25.00000	Averaged	
51 Naphthalene	0.99857	1.08119	0.010	-8.27423	25.00000	Averaged	
52 4-Chloroaniline	0.42548	0.44175	0.010	-3.82474	25.00000	Averaged	
54 2,6-Dichlorophenol	0.33815	0.33915	0.010	-0.29336	25.00000	Averaged	
56 Hexachlorobutadiene	0.21605	0.24137	0.010	-11.72179	20.00000	Averaged	
208 Caprolactam	0.10980	0.09792	0.010	10.81727	25.00000	Averaged	
59 4-Chloro-3-Methylphenol	0.30817	0.31228	0.010	-1.33194	20.00000	Averaged	
62 2-Methylnaphthalene	0.73019	0.76455	0.010	-4.70557	25.00000	Averaged	
63 1-Methylnaphthalene	0.66147	0.67406	0.010	-1.90252	25.00000	Averaged	
64 Hexachlorocyclopentadiene	0.16119	0.17130	0.050	-6.27380	50.00000	Averaged	
66 2,4,6-Trichlorophenol	0.35906	0.39803	0.010	-10.85351	20.00000	Averaged	
67 2,4,5-Trichlorophenol	0.39574	0.43747	0.010	-10.54227	25.00000	Averaged	
209 1,1'-Biphenyl	1.27314	1.36268	0.010	-7.03268	25.00000	Averaged	
70 2-Chloronaphthalene	1.05032	1.16556	0.010	-10.97146	25.00000	Averaged	
73 2-Nitroaniline	0.24297	0.29236	0.010	-20.32531	25.00000	Averaged	
76 Dimethylphthalate	1.19008	1.25680	0.010	-5.60622	25.00000	Averaged	

STL Pittsburgh

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: 732.i Injection Date: 28-NOV-2006 12:17
Lab File ID: D11280C1.D Init. Cal. Date(s): 21-NOV-2006 21-NOV-2006
Analysis Type: Init. Cal. Times: 08:39 10:56
Lab Sample ID: sstd050 Quant Type: ISTD
Method: \\qpitpa02\d\chem\732.i\d112806.b\8270f.m

COMPOUND	RRF / AMOUNT	RF50	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE	
78 2,6-Dinitrotoluene	0.24710	0.28435	0.010	-15.07710	25.00000	Averaged	
79 Acenaphthylene	1.67612	1.83057	0.010	-9.21520	25.00000	Averaged	
81 3-Nitroaniline	0.29504	0.32318	0.010	-9.53892	25.00000	Averaged	
82 Acenaphthene	1.04110	1.15052	0.010	-10.51002	20.00000	Averaged	
83 2,4-Dinitrophenol	0.09263	0.14102	0.050	-52.23674	50.00000	Averaged	<-
85 4-Nitrophenol	0.13353	0.15131	0.050	-13.31544	50.00000	Averaged	
86 Dibenzofuran	1.53956	1.67479	0.010	-8.78364	25.00000	Averaged	
87 2,4-Dinitrotoluene	0.32813	0.38737	0.010	-18.05278	25.00000	Averaged	
91 2,3,5,6-Tetrachlorophenol	0.29151	0.30925	0.010	-6.08292	25.00000	Averaged	
88 2,3,4,6-Tetrachlorophenol	0.31066	0.32719	0.010	-5.31812	25.00000	Averaged	
92 2-Naphthylamine	0.77545	0.70638	0.010	8.90719	25.00000	Averaged	
93 Diethylphthalate	1.18972	1.24298	0.010	-4.47719	25.00000	Averaged	
94 Fluorene	1.24467	1.35165	0.010	-8.59527	25.00000	Averaged	
95 4-Chlorophenyl-phenylether	0.60733	0.66690	0.010	-9.80864	25.00000	Averaged	
96 4-Nitroaniline	0.31204	0.31652	0.010	-1.43717	25.00000	Averaged	
98 4,6-Dinitro-2-methylphenol	0.09193	0.12996	0.010	-41.35712	25.00000	Averaged	<-
99 N-Nitrosodiphenylamine (1)	0.55501	0.61668	0.010	-11.11041	20.00000	Averaged	
100 1,2-Diphenylhydrazine	0.65637	0.77548	0.010	-18.14630	25.00000	Averaged	
106 4-Bromophenyl-phenylether	0.22630	0.25190	0.010	-11.30974	25.00000	Averaged	
107 Hexachlorobenzene	0.23505	0.26144	0.010	-11.22953	25.00000	Averaged	
210 Atrazine	0.19841	0.19087	0.010	3.79942	25.00000	Averaged	
111 Pentachlorophenol	0.11224	0.11687	0.010	-4.12395	20.00000	Averaged	
115 Phenanthrene	1.15287	1.26864	0.010	-10.04168	25.00000	Averaged	
116 Anthracene	1.16847	1.26806	0.010	-8.52303	25.00000	Averaged	
119 Carbazole	1.08437	1.14962	0.010	-6.01819	25.00000	Averaged	
120 Di-n-Butylphthalate	1.29550	1.34863	0.010	-4.10101	25.00000	Averaged	
123 Fluoranthene	1.32624	1.37460	0.010	-3.64646	20.00000	Averaged	
124 Benzidine	0.66742	0.68801	0.010	-3.08495	25.00000	Averaged	
125 Pyrene	1.12993	1.22276	0.010	-8.21508	25.00000	Averaged	
131 Butylbensylphthalate	0.51475	0.55339	0.010	-7.50659	25.00000	Averaged	
135 3,3'-Dichlorobenzidine	0.51632	0.57926	0.010	-12.19021	25.00000	Averaged	
136 Benzo(a)Anthracene	1.13536	1.21746	0.010	-7.23126	25.00000	Averaged	
137 Chrysene	1.06700	1.12069	0.010	-5.03253	25.00000	Averaged	
139 bis(2-ethylhexyl)Phthalate	0.74707	0.78961	0.010	-5.69503	25.00000	Averaged	
140 Di-n-octylphthalate	1.38925	1.51377	0.010	-8.96318	20.00000	Averaged	
141 Benzo(b)fluoranthene	1.24088	1.37851	0.010	-11.09159	25.00000	Averaged	
142 Benzo(k)fluoranthene	1.18686	1.28469	0.010	-8.24252	25.00000	Averaged	
143 7,12-dimethylbenz[a]anthrac	0.52393	0.55821	0.010	-6.54180	25.00000	Averaged	
146 Benzo(a)pyrene	1.09904	1.18482	0.010	-7.80505	20.00000	Averaged	
149 Indeno(1,2,3-cd)pyrene	1.09317	1.19445	0.010	-9.26406	25.00000	Averaged	
150 Dibenz(a,h)anthracene	1.10531	1.20284	0.010	-8.82403	25.00000	Averaged	
151 Benzo(g,h,i)perylene	1.13165	1.23638	0.010	-9.25484	25.00000	Averaged	

METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: C6K100374 **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: C6K140000-078 **Prep Batch #...:** 6318078						
Silver	ND	0.50	mg/kg	SW846 6010B	11/16-11/17/06	JJL0P1AG
		Dilution Factor: 1				
		Analysis Time..: 17:35		Analyst ID.....: 402249	Instrument ID..: TRA	
Aluminum	ND	20.0	mg/kg	SW846 6010B	11/16-11/17/06	JJL0P1AH
		Dilution Factor: 1				
		Analysis Time..: 17:35		Analyst ID.....: 402249	Instrument ID..: TRA	
Arsenic	ND	1.0	mg/kg	SW846 6010B	11/16-11/17/06	JJL0P1AJ
		Dilution Factor: 1				
		Analysis Time..: 17:35		Analyst ID.....: 402249	Instrument ID..: TRA	
Barium	ND	20.0	mg/kg	SW846 6010B	11/16-11/17/06	JJL0P1AK
		Dilution Factor: 1				
		Analysis Time..: 17:35		Analyst ID.....: 402249	Instrument ID..: TRA	
Beryllium	ND	0.40	mg/kg	SW846 6010B	11/16-11/17/06	JJL0P1AL
		Dilution Factor: 1				
		Analysis Time..: 17:35		Analyst ID.....: 402249	Instrument ID..: TRA	
Calcium	ND	500	mg/kg	SW846 6010B	11/16-11/17/06	JJL0P1AM
		Dilution Factor: 1				
		Analysis Time..: 17:35		Analyst ID.....: 402249	Instrument ID..: TRA	
Cadmium	ND	0.50	mg/kg	SW846 6010B	11/16-11/17/06	JJL0P1AN
		Dilution Factor: 1				
		Analysis Time..: 17:35		Analyst ID.....: 402249	Instrument ID..: TRA	
Cobalt	ND	5.0	mg/kg	SW846 6010B	11/16-11/17/06	JJL0P1AP
		Dilution Factor: 1				
		Analysis Time..: 17:35		Analyst ID.....: 402249	Instrument ID..: TRA	
Chromium	ND	0.50	mg/kg	SW846 6010B	11/16-11/17/06	JJL0P1AQ
		Dilution Factor: 1				
		Analysis Time..: 17:35		Analyst ID.....: 402249	Instrument ID..: TRA	
Copper	**0.13 B**	**2.5**	**mg/kg**	**SW846 6010B**	**11/16-11/17/06**	**JJL0P1AR**
		Dilution Factor: 1				
		Analysis Time..: 17:35		Analyst ID.....: 402249	Instrument ID..: TRA	
Iron	ND	10.0	mg/kg	SW846 6010B	11/16-11/17/06	JJL0P1AT
		Dilution Factor: 1				
		Analysis Time..: 17:35		Analyst ID.....: 402249	Instrument ID..: TRA	

(Continued on next page)

METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: C6K100374 **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Potassium	**11.0 B**	**500**	**mg/kg**	**SW846 6010B**	**11/16-11/17/06**	**JJL0P1AU**
		Dilution Factor: 1				
		Analysis Time..: 17:35		Analyst ID.....: 402249	Instrument ID..: TRA	
Magnesium	ND	500	mg/kg	SW846 6010B	11/16-11/17/06	JJL0P1AV
		Dilution Factor: 1				
		Analysis Time..: 17:35		Analyst ID.....: 402249	Instrument ID..: TRA	
Manganese	ND	1.5	mg/kg	SW846 6010B	11/16-11/17/06	JJL0P1AW
		Dilution Factor: 1				
		Analysis Time..: 17:35		Analyst ID.....: 402249	Instrument ID..: TRA	
Sodium	ND	500	mg/kg	SW846 6010B	11/16-11/17/06	JJL0P1AX
		Dilution Factor: 1				
		Analysis Time..: 17:35		Analyst ID.....: 402249	Instrument ID..: TRA	
Nickel	ND	4.0	mg/kg	SW846 6010B	11/16-11/17/06	JJL0P1A0
		Dilution Factor: 1				
		Analysis Time..: 17:35		Analyst ID.....: 402249	Instrument ID..: TRA	
Lead	ND	0.30	mg/kg	SW846 6010B	11/16-11/17/06	JJL0P1A1
		Dilution Factor: 1				
		Analysis Time..: 17:35		Analyst ID.....: 402249	Instrument ID..: TRA	
Selenium	ND	0.50	mg/kg	SW846 6010B	11/16-11/17/06	JJL0P1AA
		Dilution Factor: 1				
		Analysis Time..: 17:35		Analyst ID.....: 402249	Instrument ID..: TRA	
Thallium	ND	1.0	mg/kg	SW846 6010B	11/16-11/17/06	JJL0P1AC
		Dilution Factor: 1				
		Analysis Time..: 17:35		Analyst ID.....: 402249	Instrument ID..: TRA	
Antimony	**0.41 B**	**1.0**	**mg/kg**	**SW846 6010B**	**11/16-11/17/06**	**JJL0P1AD**
		Dilution Factor: 1				
		Analysis Time..: 17:35		Analyst ID.....: 402249	Instrument ID..: TRA	
Vanadium	ND	5.0	mg/kg	SW846 6010B	11/16-11/17/06	JJL0P1AE
		Dilution Factor: 1				
		Analysis Time..: 17:35		Analyst ID.....: 402249	Instrument ID..: TRA	
Zinc	**0.20 B**	**2.0**	**mg/kg**	**SW846 6010B**	**11/16-11/17/06**	**JJL0P1AF**
		Dilution Factor: 1				
		Analysis Time..: 17:35		Analyst ID.....: 402249	Instrument ID..: TRA	

(Continued on next page)

STL-Pittsburgh

Metals Data Reporting Form

Initial Calibration Blank Results

Instrument: ICPST **Units:** ug/L

Chart Number: N61117D.ARC

Standard Source: _____ **Standard ID:** _____

Element	WL/ Mass	Report Limit	ICB1 11/17/2006 2:05 PM Found	Q	Found	Q	Found	Q	Found	Q	Found	Q
Aluminum	308.215	200	8.0	U								
Antimony	206.838	10	3.2	U								
Arsenic	189.042	10	3.3	U								
Barium	493.409	200	1.0	U								
Beryllium	313.042	4	0.4	U								
Cadmium	226.502	5	0.7	U								
Calcium	317.933	5000	39.5	U								
Chromium	267.716	5	0.9	U								
Cobalt	228.616	50	0.5	U								
Copper	324.753	25	1.2	U								
Iron	271.441	100	18.0	U								
Lead	220.353	3	1.6	U								
Magnesium	279.078	5000	10.2	U								
Manganese	257.61	15	0.1	U								
Nickel	231.604	40	1.2	U								
Potassium	766.491	5000	**105.0**	**B**								
Selenium	220.353	5	2.6	U								
Silver	328.068	5	0.3	U								
Sodium	330.232	5000	157.0	U								
Thallium	190.864	10	4.6	U								
Vanadium	292.402	50	1.0	U								
Zinc	206.2	20	**2.6**	**B**								

U Result is less than the MDL
B Result is between MDL and RL

Form 3 Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Continuing Calibration Blank Result

Instrument: ICPST **Units:** ug/L

Chart Number: N61117D.ARC

Standard Source: _____ **Standard ID:** _____

Element	WL/ Mass	Report Limit	CCB 11/17/2006 3:11 PM Found	Q	CCB2 11/17/2006 4:17 PM Found	Q	CCB3 11/17/2006 5:24 PM Found	Q	CCB4 11/17/2006 6:30 PM Found	Q	CCB5 11/17/2006 7:36 PM Found	Q
Aluminum	308.215	200	**-11.0**	**B**	**-20.0**	**B**	**-22.0**	**B**	**-25.0**	**B**	**-21.0**	**B**
Antimony	206.838	10	3.2	U	3.2	U	3.2	U	3.2	U	3.2	U
Arsenic	189.042	10	3.3	U	3.3	U	3.3	U	3.3	U	3.3	U
Barium	493.409	200	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Beryllium	313.042	4	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U
Cadmium	226.502	5	0.7	U	0.7	U	0.7	U	0.7	U	0.7	U
Calcium	317.933	5000	39.5	U	39.5	U	39.5	U	39.5	U	39.5	U
Chromium	267.716	5	0.9	U	0.9	U	0.9	U	0.9	U	0.9	U
Cobalt	228.616	50	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Copper	324.753	25	1.2	U	1.2	U	1.2	U	1.2	U	1.2	U
Iron	271.441	100	18.0	U	18.0	U	18.0	U	18.0	U	18.0	U
Lead	220.353	3	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U
Magnesium	279.078	5000	10.2	U	10.2	U	10.2	U	10.2	U	10.2	U
Manganese	257.61	15	0.1	U	**-0.3**	**B**	**-0.3**	**B**	**-0.3**	**B**	**-0.3**	**B**
Nickel	231.604	40	1.2	U	1.2	U	1.2	U	1.2	U	1.2	U
Potassium	766.491	5000	**108.0**	**B**	**106.0**	**B**	**103.0**	**B**	**108.0**	**B**	**100.0**	**B**
Selenium	220.353	5	2.6	U	2.6	U	2.6	U	2.6	U	2.6	U
Silver	328.068	5	**0.3**	**B**	0.3	U	0.3	U	0.3	U	0.3	U
Sodium	330.232	5000	157.0	U	157.0	U	157.0	U	157.0	U	157.0	U
Thallium	190.864	10	4.6	U	4.6	U	4.6	U	**5.0**	**B**	4.6	U
Vanadium	292.402	50	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Zinc	206.2	20	**2.5**	**B**	1.7	U	**2.0**	**B**	1.7	U	1.7	U

5.04.5

U Result is less than the MDL
B Result is between MDL and RL

Form 3 Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Continuing Calibration Blank Result

Instrument: ICPST **Units:** ug/L

Chart Number: N61117D.ARC

Standard Source: _____ **Standard ID:** _____

Element	WL/ Mass	Report Limit	CCB6 11/17/2006 8:43 PM Found	Q	Found	Q	Found	Q	Found	Q	Found	Q
Aluminum	308.215	200	**-20.0**	**B**								
Antimony	206.838	10	3.2	U								
Arsenic	189.042	10	3.3	U								
Barium	493.409	200	1.0	U								
Beryllium	313.042	4	0.4	U								
Cadmium	226.502	5	0.7	U								
Calcium	317.933	5000	39.5	U								
Chromium	267.716	5	0.9	U								
Cobalt	228.616	50	0.5	U								
Copper	324.753	25	1.2	U								
Iron	271.441	100	18.0	U								
Lead	220.353	3	1.6	U								
Magnesium	279.078	5000	10.2	U								
Manganese	257.61	15	**-0.3**	**B**								
Nickel	231.604	40	1.2	U								
Potassium	766.491	5000	**99.4**	**B**								
Selenium	220.353	5	2.6	U								
Silver	328.068	5	0.3	U								
Sodium	330.232	5000	157.0	U								
Thallium	190.864	10	4.6	U								
Vanadium	292.402	50	1.0	U								
Zinc	206.2	20	**4.2**	**B**								

5.04.5

U Result is less than the MDL
B Result is between MDL and RL

Form 3 Equivalent

RETEC, Schenectady Street MGP

Cyanide, Total

Lab Name:	STL PITTSBURGH	**Method:**	SW846 9012A
Client Name:	The RETEC Group, Inc.	**Report ID:**	C6K100374
Matrix:	SOLID	**Date/Time Received:**	11/3/2006 9:40:00AM

Client Sample ID	Sample Number	Workorder	Result	Units	Reporting Limit	Prep/ Analysis Date	QC Batch	RPD / Limit (%)
BLK - C6K140000141B	141 MB	JJL7D1AA	0.39 B	mg/kg	0.50	11/14/2006 - 11/14/2006	6318141	
BLK - C6K150000440B	440 MB	JJQNN1AA	0.30 B	mg/kg	0.50	11/15/2006 - 11/15/2006	6319440	
BLK - C6K160000114B	114 MB	JJR891AA	ND	mg/kg	0.50	11/16/2006 - 11/16/2006	6320114	
BLK - C6K200000176B	176 MB	JJ3R81AA	0.33 B	mg/kg	0.50	11/20/2006 - 11/20/2006	6324176	

B Estimated result. Result is less than RL.

CASE NARRATIVE
The Retec Group
Schenectady Street MGP

LOT # C6K300215

Sample Receiving:
STL Pittsburgh, PA received samples on November 30, 2006. The coolers were received within the proper temperature range.

Project specific QC was not required for samples contained in this report. Where batch QC was completed on these samples, anomalous results will be discussed below.

GC/MS Volatiles:
Due to the concentration of target compounds detected, samples MW08 and MW080 were analyzed at a dilution.

GC/MS Semivolatiles:
The reporting limits were adjusted due to the amount of sample used in the extraction procedure.

Due to the concentration of target compounds detected, samples MW08 and MW080 were analyzed at a dilution. The surrogates were diluted out in these samples.

Metals:
The serial dilution percent difference was outside control limits for sodium.

Samples MW07, MW09, MW08, and MW080 were over the instrument's linear range for sodium and required dilution.

The method blank had analytes detected at concentrations between the MDL and the reporting limit. The results were flagged with a "B" qualifier. Any sample associated with a method blank that had the same analyte detected had the result flagged with a "J" qualifier.

General Chemistry:
There were no problems associated with the analysis.

SAMPLE SUMMARY

C6K300215

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
JKJ8T	001	MW06	11/28/06	10:30
JKJ81	002	MW05	11/28/06	12:15
JKJ83	003	MW10	11/28/06	13:05
JKJ84	004	MW02(04)	11/28/06	14:00
JKJ86	005	MW03(04)	11/28/06	15:08
JKJ9C	006	MW07	11/28/06	16:20
JKJ9H	007	MW01(04)	11/29/06	09:20
JKJ9K	008	MW09	11/29/06	10:35
JKJ9M	009	MW08	11/29/06	12:30
JKJ9P	010	MW080	11/29/06	12:15
JKJ9W	011	TB(112806)	11/28/06	09:00
JKJ9X	012	EB(112906)	11/29/06	11:45

NOTE(S):

- The analytical results of the samples listed above are presented on the following pages.
- All calculations are performed before rounding to avoid round-off errors in calculated results.
- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

C6K300215

Chain of Custody Record

Nº 0811

The RETEC Group, Inc.
1001 W. Seneca Street, Suite 204 • Ithaca, NY 14850-3342
(607) 277-5716 Phone • (607) 277-9057 Fax
www.retec.com

RETEC

Project Name: Schenectady	Project Number: NYMOT-19711
Send Report To: James Edwards	Sampler (Print Name): Scott Haworth
Address: 1001 W. Seneca St Suite 204 Ithaca, NY 14850	Sampler (Print Name): Jesse Lloyd
	Shipment Method: FedEx
	Airbill Number:
Phone: 607-277-5716	Laboratory Receiving: STL Pittsburgh
Fax: 607-277-9057	

Page 1 of 1

Purchase Order #:

Field Sample ID	Sample Date	Sample Time	Sample Matrix	Number of Containers	Analysis Requested: VOC 8260	SVOC 8270	TAL Metals 6010	Total Cr (VI) 7196	Comments, Special Instructions, etc.	Lab Sample ID (to be completed by lab)
MW06	11/28/06	1030	Aq	7	X	X	X	X		
MW05		1215			X	X	X	X		
MW10		1305			X	X	X	X		
MW02(04)		1400			X	X	X	X		
MW03(04)		1508			X	X	X	X		
MW07	↓	1620			X	X	X	X		
MW01(04)	11/29/06	0920			X	X	X	X		
MW09		1035			X	X	X	X		
MW08		1230			X	X	X	X		
MW08D	↓	1215		↓	X	X	X	X		
MW03(04) MS/MSD	11/28/06	1508		14	X	X	X	X		
TB(112806)	11/28/06	0900		2	X					
EB(112906)	11/29/06	1145	↓	7	X	X	X	X		

Relinquished by: (Signature)	Received by: (Signature) FedEx	Date: 11/29/06	Time: 1600	Sample Custodian Remarks (Completed By Laboratory):
Relinquished by: (Signature)	Received by: (Signature)	Date: 12-30-06	Time: 0945	
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:	

QA/QC Level	Turnaround	Sample Receipt	
NYASP Cat B Level I ☐	Routine ☒	Total # Containers Received?	
Level II ☐	24 Hour ☐	COC Seals Present?	
Level III ☐	1 Week ☐	COC Seals Intact?	
Other ☐	Other ____	Received Containers Intact?	
		Temperature?	

White: Lab Copy Yellow: PM Copy Pink: Field Copy Gold: PM/QA/QC Copy

Cooler Receipt Form
STL Pittsburgh

Client: Retec Project: _____ Quote: 72910

Cooler Rec'd & Opened for Temp. Check on: 11-30-06

Coolers Opened and Unpacked on: 11-30-06 By: _____ (Signature)

STL Pittsburgh Lot Number: C6K300215

		Yes	No
1.	Were custody seals on the outside of the cooler?	✓	
	If YES, how many and where? Quantity 1 Location front		
	Were signatures and date correct?	✓	
2.	Were custody papers included inside the cooler?	✓	
3.	Were custody papers properly filled out (ink, signed, match labels)?	✓	
4.	Did you sign the custody papers in the appropriate place?	✓	
5.	Was shippers packing slip attached to this form?	✓	
6.	Were packing materials used?	✓	
	If YES, what type? Bubble bags		
7.	Were the samples chilled? (Record temperatures on reverse side.)	✓	
8.	Were the samples appropriately preserved?	✓	
9.	Were all bottles sealed in separate plastic bags?		✓
10.	Did all bottles arrive in good condition (unbroken)?	✓	
11.	Were all bottle labels complete (sample ID, preservatives, etc.)?	✓	
12.	Did all bottle labels and/or tags agree with custody papers?	✓	
13.	Were correct bottles used for tests indicated?	✓	
14.	Were all VOA vials checked for the presence of air bubbles?	✓	
15.	Was a sufficient amount of sample sent in each bottle?	✓	

16. Samples received by: (FEDEX) UPS CLIENT DROP-OFF OTHER DHL

Explain any discrepancies: _____

Level 2 Review _____

Was contacted on _____ by _____ to resolve discrepancies.

Cooler Receipt Form

STL Pittsburgh

P: Preserved

UP: Unpreserved

Sample ID	TMET PH<2	DMET PH<2	HG PH<2	NUT(1) PH<2	CN PH ≥12	OG TPHC PH<2	PHEN PH<2	SULF PH ≥12	TOC PH<2	TOX PH<2	VOA P/UP	hrdnss PH<2	Cl_2 RES		
6	22				712						P				
5															
10															
2															
3															
7															
1															
9															
8															
80															
TB															
CB	22				712										

(1) "NUT" could include sample bottles for ammonia, chemical oxygen demand, nitrate/nitrite, TKN, or total phosphorus

Comments: _____

Cooler Number	Temperature*	Thermometer
1	4.7	3
2	3.9	3
3	4.6	3
4	4.5	3

*Acceptable Temperature Range: 4°C ± 2°C

Sample	Lot Number**

**Please use an asterisk if bottle lot number was covered by the label

SW846 8270C SURROGATE RECOVERY

Lab Name: Severn Trent Laboratories, Inc. Client: The RETEC Group, Inc.

Lab Code: STLPIT SDG No:

Lot #: C6K300215

Extraction: XXI51QL01

	CLIENT ID.	SRG01	SRG02	SRG03	SRG04	SRG05	SRG06	TOT OUT
01	MW06	65	63	68	74	68	71	00
02	MW05	52	40	48	49	48	61	00
03	MW10	53	49	56	58	55	63	00
04	MW02(04)	61	56	60	65	60	66	00
05	MW03(04)	55	54	51	58	51	57	00
06	MW07	68	67	65	71	64	60	00
07	MW01(04)	61	60	63	68	59	33	00
08	MW09	63	60	58	63	59	60	00
09	MW08	0 D	0 D	0 D	0 D	0 D	0 D	06
10	MW08 RE-1 D1	0 D	0 D	0 D	0 D	0 D	0 D	06
11	MW080	0 D	0 D	0 D	0 D	0 D	0 D	06
12	MW080 RE-1 DL	0 D	0 D	0 D	0 D	0 D	0 D	06
13	EB(112906)	46	42	47	47	45	53	00
14	METHOD BLK. JKLPT1AA	54	62	59	61	60	66	00
15	LCS JKLPT1AC	44	46	41	42	40	44	00
16	MW03(04) D	61	60	52	58	51	53	00
17	MW03(04) S	65	65	55	63	55	56	00

SURROGATES		QC LIMITS
SRG01	= 2,4,6-Tribromophenol	(19-138)
SRG02	= 2-Fluorobiphenyl	(35-115)
SRG03	= 2-Fluorophenol	(10-118)
SRG04	= Nitrobenzene-d5	(39-115)
SRG05	= Phenol-d5	(18-115)
SRG06	= Terphenyl-d14	(17-129)

\# Column to be used to flag recovery values
* Values outside of required QC Limits
D System monitoring Compound diluted out

FORM II

METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: C6K300215 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: C6L110000-074 **Prep Batch #...:** 6345074						
Silver	ND	5.0	ug/L	SW846 6010B	12/11-12/13/06	JK7EC1AF
		Dilution Factor: 1				
		Analysis Time..: 18:08		Analyst ID.....: 022952	Instrument ID..: TRA	
Aluminum	**11.0 B**	**200**	**ug/L**	**SW846 6010B**	**12/11-12/13/06**	**JK7EC1AG**
		Dilution Factor: 1				
		Analysis Time..: 18:08		Analyst ID.....: 022952	Instrument ID..: TRA	
Arsenic	ND	10.0	ug/L	SW846 6010B	12/11-12/13/06	JK7EC1AH
		Dilution Factor: 1				
		Analysis Time..: 18:08		Analyst ID.....: 022952	Instrument ID..: TRA	
Barium	ND	200	ug/L	SW846 6010B	12/11-12/13/06	JK7EC1AJ
		Dilution Factor: 1				
		Analysis Time..: 18:08		Analyst ID.....: 022952	Instrument ID..: TRA	
Beryllium	ND	4.0	ug/L	SW846 6010B	12/11-12/13/06	JK7EC1AK
		Dilution Factor: 1				
		Analysis Time..: 18:08		Analyst ID.....: 022952	Instrument ID..: TRA	
Calcium	ND	5000	ug/L	SW846 6010B	12/11-12/13/06	JK7EC1AL
		Dilution Factor: 1				
		Analysis Time..: 18:08		Analyst ID.....: 022952	Instrument ID..: TRA	
Cadmium	ND	5.0	ug/L	SW846 6010B	12/11-12/13/06	JK7EC1AM
		Dilution Factor: 1				
		Analysis Time..: 18:08		Analyst ID.....: 022952	Instrument ID..: TRA	
Cobalt	ND	50.0	ug/L	SW846 6010B	12/11-12/13/06	JK7EC1AN
		Dilution Factor: 1				
		Analysis Time..: 18:08		Analyst ID.....: 022952	Instrument ID..: TRA	
Chromium	ND	5.0	ug/L	SW846 6010B	12/11-12/13/06	JK7EC1AP
		Dilution Factor: 1				
		Analysis Time..: 18:08		Analyst ID.....: 022952	Instrument ID..: TRA	
Copper	ND	25.0	ug/L	SW846 6010B	12/11-12/13/06	JK7EC1AQ
		Dilution Factor: 1				
		Analysis Time..: 18:08		Analyst ID.....: 022952	Instrument ID..: TRA	
Iron	ND	100	ug/L	SW846 6010B	12/11-12/13/06	JK7EC1AR
		Dilution Factor: 1				
		Analysis Time..: 18:08		Analyst ID.....: 022952	Instrument ID..: TRA	

(Continued on next page)

METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: C6K300215 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Potassium	**150 B**	**5000**	**ug/L**	**SW846 6010B**	**12/11-12/13/06**	**JK7EC1AT**
		Dilution Factor: 1				
		Analysis Time..: 18:08		Analyst ID.....: 022952	Instrument ID..: TRA	
Magnesium	ND	5000	ug/L	SW846 6010B	12/11-12/13/06	JK7EC1AU
		Dilution Factor: 1				
		Analysis Time..: 18:08		Analyst ID.....: 022952	Instrument ID..: TRA	
Manganese	ND	15.0	ug/L	SW846 6010B	12/11-12/13/06	JK7EC1AV
		Dilution Factor: 1				
		Analysis Time..: 18:08		Analyst ID.....: 022952	Instrument ID..: TRA	
Sodium	ND	5000	ug/L	SW846 6010B	12/11-12/13/06	JK7EC1AW
		Dilution Factor: 1				
		Analysis Time..: 18:08		Analyst ID.....: 022952	Instrument ID..: TRA	
Nickel	ND	40.0	ug/L	SW846 6010B	12/11-12/13/06	JK7EC1AX
		Dilution Factor: 1				
		Analysis Time..: 18:08		Analyst ID.....: 022952	Instrument ID..: TRA	
Lead	ND	3.0	ug/L	SW846 6010B	12/11-12/13/06	JK7EC1A0
		Dilution Factor: 1				
		Analysis Time..: 18:08		Analyst ID.....: 022952	Instrument ID..: TRA	
Selenium	ND	5.0	ug/L	SW846 6010B	12/11-12/13/06	JK7EC1A1
		Dilution Factor: 1				
		Analysis Time..: 18:08		Analyst ID.....: 022952	Instrument ID..: TRA	
Thallium	ND	10.0	ug/L	SW846 6010B	12/11-12/13/06	JK7EC1AA
		Dilution Factor: 1				
		Analysis Time..: 18:08		Analyst ID.....: 022952	Instrument ID..: TRA	
Antimony	ND	10.0	ug/L	SW846 6010B	12/11-12/13/06	JK7EC1AC
		Dilution Factor: 1				
		Analysis Time..: 18:08		Analyst ID.....: 022952	Instrument ID..: TRA	
Vanadium	ND	50.0	ug/L	SW846 6010B	12/11-12/13/06	JK7EC1AD
		Dilution Factor: 1				
		Analysis Time..: 18:08		Analyst ID.....: 022952	Instrument ID..: TRA	
Zinc	**2.6 B**	**20.0**	**ug/L**	**SW846 6010B**	**12/11-12/13/06**	**JK7EC1AE**
		Dilution Factor: 1				
		Analysis Time..: 18:08		Analyst ID.....: 022952	Instrument ID..: TRA	

(Continued on next page)

METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: C6K300215 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: C6L140000-035 **Prep Batch #...:** 6348035						
Mercury	ND	0.20	ug/L	SW846 7470A	12/14/06	JLFKE1AA

Dilution Factor: 1

Analysis Time..: 09:37 Analyst ID.....: 031043 Instrument ID..: HGH

NOTE(S):

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

B Estimated result. Result is less than RL.

STL-Pittsburgh

Metals Data Reporting Form

Initial Calibration Blank Results

Instrument: ICPST **Units:** ug/L

Chart Number: T61213A.ARC

Standard Source: _____ **Standard ID:** _____

Element	WL/ Mass	Report Limit	ICB1 12/13/2006 11:45 AM Found	Q	Found	Q	Found	Q	Found	Q	Found	Q
Aluminum	308.215	200	8.0	U								
Antimony	220.353	10	3.2	U								
Arsenic	189.042	10	3.3	U								
Barium	493.409	200	1.0	U								
Beryllium	313.042	4	0.4	U								
Cadmium	226.502	5	0.7	U								
Calcium	317.933	5000	39.5	U								
Chromium	267.716	5	0.9	U								
Cobalt	228.616	50	0.5	U								
Copper	324.753	25	1.2	U								
Iron	271.441	100	18.0	U								
Lead	220.353	3	1.6	U								
Magnesium	279.078	5000	10.2	U								
Manganese	257.61	15	**0.2**	**B**								
Nickel	231.604	40	1.2	U								
Potassium	766.491	5000	**200.0**	**B**								
Selenium	220.353	5	2.6	U								
Silver	328.068	5	0.3	U								
Sodium	330.232	5000	**-520.0**	**B**								
Thallium	190.864	10	4.2	U								
Vanadium	292.402	50	**1.2**	**B**								
Zinc	213.856	20	**2.3**	**B**								

U Result is less than the MDL
B Result is between MDL and RL

Form 3 Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Initial Calibration Blank Results

Instrument: ICPST **Units:** ug/L

Chart Number: T61214A.ARC

Standard Source: _____ **Standard ID:** _____

Element	WL/ Mass	Report Limit	ICB1 12/14/2006 10:05 AM Found	Q	Found	Q	Found	Q	Found	Q	Found	Q
Sodium	330.232	5000	**-490.0**	**B**								

5.04.5

U Result is less than the MDL
B Result is between MDL and RL

Form 3 Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Continuing Calibration Blank Result

Instrument: ICPST **Units:** ug/L

Chart Number: T61213A.ARC

Standard Source: _____ **Standard ID:** _____

Element	WL/ Mass	Report Limit	CCB1 12/13/2006 12:45 PM Found	Q	CCB2 12/13/2006 1:52 PM Found	Q	CCB3 12/13/2006 2:57 PM Found	Q	CCB4 12/13/2006 4:03 PM Found	Q	CCB5 12/13/2006 5:13 PM Found	Q
Aluminum	308.215	200	8.0	U	8.0	U	**11.7**	**B**	**14.1**	**B**	**12.8**	**B**
Antimony	220.353	10	3.2	U	3.2	U	3.2	U	3.2	U	3.2	U
Arsenic	189.042	10	3.3	U	3.3	U	3.3	U	3.3	U	3.3	U
Barium	493.409	200	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Beryllium	313.042	4	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U
Cadmium	226.502	5	0.7	U	0.7	U	0.7	U	0.7	U	0.7	U
Calcium	317.933	5000	39.5	U	39.5	U	39.5	U	39.5	U	39.5	U
Chromium	267.716	5	0.9	U	0.9	U	0.9	U	0.9	U	0.9	U
Cobalt	228.616	50	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Copper	324.753	25	1.2	U	1.2	U	1.2	U	1.2	U	**2.2**	**B**
Iron	271.441	100	18.0	U	18.0	U	18.0	U	18.0	U	18.0	U
Lead	220.353	3	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U
Magnesium	279.078	5000	10.2	U	10.2	U	10.2	U	10.2	U	10.2	U
Manganese	257.61	15	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
Nickel	231.604	40	1.2	U	1.2	U	1.2	U	1.2	U	1.2	U
Potassium	766.491	5000	**178.0**	**B**	**169.0**	**B**	**164.0**	**B**	**169.0**	**B**	**176.0**	**B**
Selenium	220.353	5	2.6	U	2.6	U	2.6	U	2.6	U	2.6	U
Silver	328.068	5	**0.4**	**B**	0.3	U	0.3	U	0.3	U	0.3	U
Sodium	330.232	5000	**-440.0**	**B**	**-630.0**	**B**	**-580.0**	**B**	**-610.0**	**B**	**-630.0**	**B**
Thallium	190.864	10	4.2	U	4.2	U	4.2	U	4.2	U	4.2	U
Vanadium	292.402	50	1.0	U	**-2.0**	**B**	**-1.6**	**B**	1.0	U	**-1.6**	**B**
Zinc	213.856	20	1.7	U	1.7	U	**3.7**	**B**	1.7	U	1.7	U

U Result is less than the MDL
B Result is between MDL and RL

Form 3 Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Continuing Calibration Blank Result

Instrument: ICPST **Units:** ug/L

Chart Number: T61213A.ARC

Standard Source: _____ **Standard ID:** _____

Element	WL/ Mass	Report Limit	CCB6 12/13/2006 6:02 PM Found	Q	CCB7 12/13/2006 7:08 PM Found	Q	CCB8 12/13/2006 8:13 PM Found	Q	CCB9 12/13/2006 9:19 PM Found	Q	Found	Q
Aluminum	308.215	200	**9.0**	**B**	**8.2**	**B**	8.0	U	**12.8**	**B**		
Antimony	220.353	10	3.2	U	3.2	U	3.2	U	3.2	U		
Arsenic	189.042	10	3.3	U	3.3	U	3.3	U	3.3	U		
Barium	493.409	200	1.0	U	1.0	U	1.0	U	1.0	U		
Beryllium	313.042	4	0.4	U	0.4	U	0.4	U	0.4	U		
Cadmium	226.502	5	0.7	U	0.7	U	0.7	U	0.7	U		
Calcium	317.933	5000	39.5	U	39.5	U	39.5	U	39.5	U		
Chromium	267.716	5	0.9	U	0.9	U	0.9	U	0.9	U		
Cobalt	228.616	50	0.5	U	0.5	U	0.5	U	0.5	U		
Copper	324.753	25	1.2	U	1.2	U	1.2	U	1.2	U		
Iron	271.441	100	18.0	U	18.0	U	18.0	U	18.0	U		
Lead	220.353	3	1.6	U	1.6	U	1.6	U	1.6	U		
Magnesium	279.078	5000	10.2	U	10.2	U	10.2	U	10.2	U		
Manganese	257.61	15	0.1	U	0.1	U	0.1	U	0.1	U		
Nickel	231.604	40	1.2	U	1.2	U	1.2	U	1.2	U		
Potassium	766.491	5000	**183.0**	**B**	**213.0**	**B**	**196.0**	**B**	**197.0**	**B**		
Selenium	220.353	5	2.6	U	2.6	U	**2.8**	**B**	2.6	U		
Silver	328.068	5	0.3	U	0.3	U	0.3	U	0.3	U		
Sodium	330.232	5000	**-650.0**	**B**	**-560.0**	**B**	**-500.0**	**B**	**-620.0**	**B**		
Thallium	190.864	10	4.2	U	4.2	U	4.2	U	4.2	U		
Vanadium	292.402	50	**-1.2**	**B**	**-1.6**	**B**	**-1.6**	**B**	**-1.7**	**B**		
Zinc	213.856	20	1.7	U	1.7	U	1.7	U	1.7	U		

U Result is less than the MDL
B Result is between MDL and RL

Form 3 Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Continuing Calibration Blank Result

Instrument: ICPST **Units:** ug/L

Chart Number: T61214A.ARC

Standard Source: _____ **Standard ID:** _____

Element	WL/ Mass	Report Limit	CCB1 12/14/2006 11:11 AM Found	Q	CCB2 12/14/2006 12:18 PM Found	Q	Found	Q	Found	Q	Found	Q
Sodium	330.232	5000	**-480.0**	**B**	**-450.0**	**B**						

5.04.5

U Result is less than the MDL
B Result is between MDL and RL

Form 3 Equivalent

STL-Pittsburgh

Metals Data Reporting Form

Serial Dilution RPD Report

Serial Dilution Sample ID: JKJ86P

Original Sample ID: JKJ86 **Client ID:** MW03(04)P

Matrix: Water **Units:** ug/L **Prep Date:** 12/11/2006 **Prep Batch:** 6345074

Weight: NA **Volume:** 50 **Percent Moisture:** NA

Element	WL/ Mass	OS Conc	Q	Serial Dilution Conc	Q	Percent Diff	OS DF	Ser Dil DF	Instr	OS Anal Date	OS Anal Time	Ser Dil Anal Date	Ser Dil Anal Time
Aluminum	308.215	33.9	B	44.4	B	30.8	1	5	ICPST	12/13/2006	19:29	12/13/2006	19:35
Antimony	220.353	3.2	U	16.0	U		1	5	ICPST	12/13/2006	19:29	12/13/2006	19:35
Arsenic	189.042	3.3	U	16.5	U		1	5	ICPST	12/13/2006	19:29	12/13/2006	19:35
Barium	493.409	126	B	124	B	1.4	1	5	ICPST	12/13/2006	19:29	12/13/2006	19:35
Beryllium	313.042	0.42	U	2.1	U		1	5	ICPST	12/13/2006	19:29	12/13/2006	19:35
Cadmium	226.502	0.70	U	3.5	U		1	5	ICPST	12/13/2006	19:29	12/13/2006	19:35
Calcium	317.933	189000		191000		0.7	1	5	ICPST	12/13/2006	19:29	12/13/2006	19:35
Chromium	267.716	0.93	U	4.7	U		1	5	ICPST	12/13/2006	19:29	12/13/2006	19:35
Cobalt	228.616	0.53	U	2.6	U		1	5	ICPST	12/13/2006	19:29	12/13/2006	19:35
Copper	324.753	2.0	B	5.8	U	100.0	1	5	ICPST	12/13/2006	19:29	12/13/2006	19:35
Iron	271.441	18.0	U	90.1	U		1	5	ICPST	12/13/2006	19:29	12/13/2006	19:35
Lead	220.353	1.6	U	7.9	U		1	5	ICPST	12/13/2006	19:29	12/13/2006	19:35
Magnesium	279.078	25900		25600		0.8	1	5	ICPST	12/13/2006	19:29	12/13/2006	19:35
Manganese	257.61	50.2		51.2	B	2.2	1	5	ICPST	12/13/2006	19:29	12/13/2006	19:35
Nickel	231.604	1.2	U	6.2	U		1	5	ICPST	12/13/2006	19:29	12/13/2006	19:35
Potassium	766.491	13300		12200	B	8.0	1	5	ICPST	12/13/2006	19:29	12/13/2006	19:35
Selenium	220.353	11.1		13.1	U	100.0	1	5	ICPST	12/13/2006	19:29	12/13/2006	19:35
Silver	328.068	0.30	U	1.5	U		1	5	ICPST	12/13/2006	19:29	12/13/2006	19:35
Sodium	330.232	44900		45400	E	1.1	1	5	ICPST	12/13/2006	19:29	12/13/2006	19:35
Thallium	190.864	4.2	U	21.1	U		1	5	ICPST	12/13/2006	19:29	12/13/2006	19:35
Vanadium	292.402	1.0	U	5.2	U		1	5	ICPST	12/13/2006	19:29	12/13/2006	19:35
Zinc	213.856	3.0	B	14.2	B	375.0	1	5	ICPST	12/13/2006	19:29	12/13/2006	19:35

Comments:

5.04.5

E Serial dilution percent difference not within limits

U Result is less than the MDL

B Result is between MDL and RL

Form 9 Equivalent

LABORATORY NARRATIVE
Modified TO-15
The RETEC Group, Inc.
Workorder# 0611379

Six 6 Liter Summa Canister samples were received on November 16, 2006. The laboratory performed analysis via modified EPA Method TO-15 using GC/MS in the full scan mode. The method involves concentrating up to 1.0 liter of air. The concentrated aliquot is then flash vaporized and swept through a water management system to remove water vapor. Following dehumidification, the sample passes directly into the GC/MS for analysis.

Method modifications taken to run these samples are summarized in the below table. Specific project requirements may over-ride the ATL modifications.

Requirement	*TO-15*	*ATL Modifications*
ICAL %RSD acceptance criteria	+- 30% RSD with 2 compounds allowed out to < 40% RSD	30% RSD with 4 compounds allowed out to < 40% RSD
Daily Calibration	+- 30% Difference	</= 30% Difference with four allowed out up to </=40%.; flag and narrate outliers
Blank and standards	Zero air	Nitrogen
Method Detection Limit	Follow 40CFR Pt.136 App. B	The MDL met all relevant requirements in Method TO-15 (statistical MDL less than the LOQ). The concentration of the spiked replicate may have exceeded 10X the calculated MDL in some cases
Sample collection media	Summa canister	ATL recommends use of summa canisters to insure data defensibility, but will report results from Tedlar bags at client request

Receiving Notes

There were no receiving discrepancies.

Analytical Notes

The reported CCV for each daily batch may be derived from more than one analytical file due to the client's request for non-standard compounds.

Non-standard compounds may have different acceptance criteria than the standard TO-14A/TO-15 compound list as per contract or verbal agreement.

The reported LCS for each daily batch has been derived from more than one analytical file.

The following compounds, Naphthalene, indicated high bias (greater than 140% expected recovery) in the LCS.

Chain of Custody Record

Nº 093

The RETEC Group, Inc.
2350 Eisenhower Avenue • Ithaca, NY 14850-2588
(607) 257-8770 Phone • (607) 257-8671 Fax
www.retec.com

RETEC

Page 1 of 1

0611379

Project Name: Schenectady	Project Number: NIM02-19711
Send Report To: James Edwards	Sampler (Print Name): Jesse Lloyd
Address: 1001 W. Seneca St	Sampler (Print Name): Scott Heusner
Suite 209	Shipment Method: FedEx
Ithaca, NY 14850	Airbill Number:
Phone: 607-277-5716	Laboratory Receiving: ATL
Fax: 607-277-9057	

Purchase Order #:

	Field Sample ID	Sample Date	Sample Time	Sample Matrix	Number of Containers	Analysis Requested: TO-15 + MGP Indicators; Ethanol; Trichlorofluoromethane; Naphthalene; 2-methylpentane; TSP; Acetone; 2,2-dimethylpropane; 2,3,4-trimethylpentane	Comments; Special Instructions, etc.	Lab Sample ID (to be completed by lab)
			Start	Stop	Can #		Start / Stop	
01A	SV01	11/14/06	1145	1416	32159	X	-32.0 / -5.0	
02A	SV02		1220	1515	9914	X	-30.0 / -4.5	
03A	SV02 Dup		1143	1418	34427	X	-29.0 / -5.0	
04A	SV03		1156	1500	33987	X	-29.5 / -5.0	
05A	SV04		1150	1423	9944	X	-30.0 / -5.0	
06A	AMB01		1148	1415	9925	X	-26.0 / -4.5	

CUSTODY SEAL INTACT? Y N NONE TEMP N/A

Relinquished by: (Signature)	Received by: (Signature) FedEx	Date: 11/15/06	Time: 1200
Relinquished by: (Signature)	Received by: (Signature) Monica Rogers ATL	Date: 11/16/06	Time: 900
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:

Sample Custodian Remarks (Completed By Laboratory):

QA/QC Level		Turnaround		Sample Receipt	
Level I	☐	Routine	X	Total # Containers Received?	
Level II	☐	24 Hour	☐	COC Seals Present?	
Level II	☐	1 Week	☐	COC Seals Intact?	
Other	☐	Other		Received Containers Intact?	
				Temperature?	

White: Lab Copy Yellow: PM Copy Pink: Field Copy Gold: PM/QA/QC Copy

Definition of Data Qualifying Flags

Eight qualifiers may have been used on the data analysis sheets and indicates as follows:

B - Compound present in laboratory blank greater than reporting limit (background subtraction not performed).

J - Estimated value.

E - Exceeds instrument calibration range.

S - Saturated peak.

Q - Exceeds quality control limits.

U - Compound analyzed for but not detected above the reporting limit.

UJ- Non-detected compound associated with low bias in the CCV

N - The identification is based on presumptive evidence.

File extensions may have been used on the data analysis sheets and indicates as follows:

a-File was requantified

b-File was quantified by a second column and detector

r1-File was requantified for the purpose of reissue

Air Toxics LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

WORK ORDER #: 0611379

Work Order Summary

CLIENT:	Mr. Jesse Lloyd The RETEC Group, Inc. 1001 W. Seneca St. Suite 204 Ithaca, NY 14850	**BILL TO:**	Mr. Jesse Lloyd The RETEC Group, Inc. 1001 W. Seneca St. Suite 204 Ithaca, NY 14850
PHONE:	607-277-5716	**P.O. #**	
FAX:		**PROJECT #**	NIM02-19711 Schenectady
DATE RECEIVED:	11/16/2006	**CONTACT:**	Kelly Buettner
DATE COMPLETED:	11/29/2006		

FRACTION #	NAME	TEST	RECEIPT VAC./PRES.
01A	SV01	Modified TO-15/TICs	3.0 "Hg
01AA	SV01 Duplicate	Modified TO-15/TICs	3.0 "Hg
02A	SV02	Modified TO-15/TICs	2.5 "Hg
03A	SV02 Dup	Modified TO-15/TICs	3.0 "Hg
04A	SV03	Modified TO-15/TICs	2.0 "Hg
05A	SV04	Modified TO-15/TICs	3.0 "Hg
06A	AMB01	Modified TO-15/TICs	6.5 "Hg
07A	Lab Blank	Modified TO-15/TICs	NA
08A	CCV	Modified TO-15/TICs	NA
09A	LCS	Modified TO-15/TICs	NA

CERTIFIED BY: Linda D. Truman DATE: 12/04/06

Laboratory Director

Certfication numbers: CA NELAP - 02110CA, LA NELAP/LELAP- AI 30763, NJ NELAP - CA004
NY NELAP - 11291, UT NELAP - 9166389892
Name of Accrediting Agency: NELAP/Florida Department of Health, Scope of Application: Clean Air Act,
Accreditation number: E87680, Effective date: 07/01/06, Expiration date: 06/30/07
Air Toxics Ltd. certifies that the test results contained in this report meet all requirements of the NELAC standards

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180 BLUE RAVINE ROAD, SUITE B FOLSOM, CA - 95630
(916) 985-1000 . (800) 985-5955 . FAX (916) 985-1020



"Ausha Scott"
<A.Scott@airtoxics.com>
01/10/2007 11:09 AM

To "Greg Malzone" <GMalzone@retec.com>
cc "James Edwards" <JEdwards@thermoretec.com>
bcc
Subject Re: National Grid/Schenectady Soil Gas Analysis WO 0611379

Hello Greg,

The data entry of canister #99 was an oversight by the scientist. The sample run log indicates the correct canister was analyzed which also confirms with the canister ID that was scanned in under this sample. Upon investigation, we do not have a canister with Physical ID# 99 in our inventory, so it does not appear to be an instance of the wrong canister being analyzed. Would you like to reissue the ECVP?

Regards,
Ausha

Ausha Scott
Client Services/Sample Login Team Leader
Air Toxics, Ltd.
A Woman-Owned Small Business
180-B Blue Ravine Rd
Folsom, CA 95630

A.scott@airtoxics.com
Ph: 916-985-1000 x 1044
Ph: 800-985-5955 x 1044
Direct Line/Fax: 916-605-3344
Office Fax: 916-985-1020

@Air Toxics LTD.
Laboratory Services Since 1989
always air, always accurate

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Air Toxics Ltd.

AMBIENT AIR METHOD TO14/TO15

Data file : /chem/msd7.i/7-29nov.b/7112916.d
Lab Smp Id: 0611379-04A
Inj Date : 30-NOV-2006 00:12
Operator : AB #33987 Inst ID: msd7.i
Smp Info : 500ml #99
Misc Info : 2.0"Hg -> 5psi retec
Comment :
Method : /chem/msd7.i/7-29nov.b/t14ln28a.m
Meth Date : 30-Nov-2006 10:31 nkhan Quant Type: ISTD
Cal Date : 28-NOV-2006 13:36 Cal File: 7112802.d
Als bottle: 1
Dil Factor: 1.44000
Integrator: HP RTE Compound Sublist: Ret9691.sub
Target Version: 3.50 Sample Matrix: AIR
Processing Host: eeyore

Concentration Formula: Amt * DF * CpndVariable

Cpnd Variable Local Compound Variable

RT	EXP RT (REL RT)	MASS	RESPONSE	CONCENTRATIONS ON-COL (PPBV)	CONCENTRATIONS FINAL (PPBV)	TARGET RANGE	RATIO
* 36 Bromochloromethane					CAS #: 74-97-5		
16.110	16.110 (1.000)	130	303960	10.0000		80.00- 120.00	100.00
16.110	16.110 (1.000)	128	236067			47.82- 107.82	77.66
16.110	16.110 (1.000)	49	541643			155.84- 215.84	178.20
* 48 1,4-Difluorobenzene					CAS #: 540-36-3		
17.576	17.576 (1.000)	114	1335697	10.0000		80.00- 120.00	100.00
17.576	17.576 (1.000)	88	229731			0.00- 46.81	17.20
* 64 Chlorobenzene-d5					CAS #: 3114-55-4		
21.889	21.889 (1.000)	117	1040625	10.0000		80.00- 120.00	100.00
21.889	21.889 (1.000)	82	619752			28.82- 88.82	59.56
$ 42 1,2-Dichloroethane-d4					CAS #: 17060-07-0		
16.995	16.995 (1.055)	65	599323	9.72673	9.727	80.00- 120.00	100.00
16.995	16.995 (1.055)	67	282818			24.06- 84.06	47.19
$ 55 Toluene-d8					CAS #: 2037-26-5		
19.677	19.677 (1.120)	98	1276519	9.52663	9.527	80.00- 120.00	100.00
19.677	19.677 (1.120)	70	151975			0.00- 41.62	11.91

@ Air Toxics Ltd.

MSD-7

Logbook #: 1430

0600

m/z	ION ABUNDANCE CRITERIA	% REL. ABUNDANCE
50	15.0 – 40.0% of mass 95	19.08
75	30.0 – 60.0% of mass 95	45.32
95	Base peak, 100.00% relative abundance	100.00
96	5.0 – 9.0% of mass 95	6.66 ~~45.32~~ NK 11/29/06
173	Less than 2.0% of mass 174	(0.65)[1]
174	Greater than 50.0% of mass 95	67.21
175	5.0 – 9.0% of mass 174	(7.25)[1]
176	Greater than 95.0% but less than 101.0% of mass 174	(98.32)[1]
177	5.0 – 9.0% of mass 176	(6.56)[2]

[1] - value in parenthesis is % mass 174 [2] - value in parenthesis is % mass 176

BFB Injection Date: 11-29-06

BFB Injection Time: 0914

BFB File ID: 7112901

Tekmar Purge Flow:

Vacuum: Z

IS/S Std.#: 1408-214	Exp. Date: 2/17/07
BCM	338029
1,4-DFB	1473795
CB-d5	1229911

Verified CCV IS vs ICAL mid-point (- 40%D) NK *initials*

Verify 176/174 m/z Ratio: 645634/656682 x 100 = 98.32% **NOAH Cart #:** NA **File #:** NA

Calculation Check:

ppbv of compound = $\frac{\text{Area}_{\text{Sample}}}{\text{Area}_{\text{IS}}} \times \frac{\text{Conc.}_{\text{IS}}}{\text{RRF}} = \frac{(\ 659530\ )}{(\ 338029\ )} \times \frac{(\ 10\ )}{(\ 2.02711\ )} =$ 9.625

Reported Result 9.625

File ID:	7112901
Compound:	1,2-DCA
Initials:	NK

	Use	File #	Sample / Client Name	Can #	Pressure	Amt Loaded	DF	Loader Init.	Date Analyzed	Time Analyzed	Review Init.	Comments
1	✓	7112901	BFB Tune check	843-2682	5psig	2-oml	1.0	NK	11-29-06	0914	NK	
2	✓	7112902	CCV # 1413-390	(50ppbv)	10ppbv	100ml	1.0	NK	11-29-06	0944	NK	
3	✓	7112903	LCS # 1408-217	(50ppbv)	10ppbv	100ml	1.0	NK	11-29-06	1043	NK	
4	✓	7112904	LCS # 1408-192A	(10ppbv)	10ppbv	50ml	1.0	NK	11-29-06	1256	NK	2-compnd
5	✓	7112905	CCV SP # 1413-357	(100ppbv)	10ppbv	5oml	1.0	NK	11-29-06	1335	NK	
6		~~7112906~~	~~CCV SP # 1413-354~~									NK 11/29/06
7	X	7112906	Lab blank	4290	Humid	500ml	1.0	NK	11-29-06			
8	✓	7112907	Lab blank	4290	Humid	500ml	1.0	NK	11-29-06	1619	NK	
9	✓	7112908	0611324A-01A	4324	4.5 in Hg-5psig	500ml	1.58	NK	11-30-06	1738	NK	

Signature

11/29/06

Date

10	✓	7112909	DGN324A-02A	7001	3.5"Hg-5psi	500cc	1.52	SS	11/29/06	1815	SS/NC
11	✓	10	03A	05702	4.0"Hg-5psi	500ml	1.55	SS	11/29/06	1902	SS
12	✓	11	04A	14579	4.5"Hg-5psi	500ml	1.58	SS		1948	SS
13	✓	12	DGN379-01A	32128	3.0"Hg-5psi	500ml	1.49	SS		2030	SS
14	✓	13	01AA	↓	↓	↓	↓	SS		2142	SS
15	✓	14	02A	9914	2.5"Hg-5psi	500ml	1.46	SS		2226	NC
16	✓	15	03A	34427	3.0"Hg→5psi	500mL	1.49	BB		2319	BB
17	✓	16	04A	33987	2.0"Hg→5psi	500mL	1.44	BB	11/30/06	0012	BB
18	✓	17	05A	9944	3.0"Hg→5psi	500mL	1.49	BB		0100	BB
19	✓	18	06A	9925	6.5"Hg→5psi	500mL	1.71	BB		0203	BB/—
20		19	IDOC Run 1 (1.0gpb)	1408-191	1.0gpbv	500mL	1.00	CP		0831	
21	P	20	Manifold #3 Cert (quad)	35282	#3	500mL	1.00	CP	↓	0910	NC
22											
23											
24											
25											
26											
27											
28											
29											
30											
31											
32											

NC 11/30/06

0090

Comments:

N. K

11/30/06
Date

Air Toxics LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: LCS

Lab ID#: 0611379-09A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**7112903**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 11/29/06 10:43 AM**	

Compound	%Recovery
Freon 12	89
Freon 114	89
Chloromethane	86
Vinyl Chloride	86
Bromomethane	90
Chloroethane	91
Freon 11	87
1,1-Dichloroethene	88
Freon 113	90
Methylene Chloride	89
1,1-Dichloroethane	91
cis-1,2-Dichloroethene	92
Chloroform	90
1,1,1-Trichloroethane	89
Carbon Tetrachloride	92
Benzene	87
1,2-Dichloroethane	91
Trichloroethene	94
1,2-Dichloropropane	92
cis-1,3-Dichloropropene	64 Q
Toluene	94
trans-1,3-Dichloropropene	103
1,1,2-Trichloroethane	98
Tetrachloroethene	97
1,2-Dibromoethane (EDB)	96
Chlorobenzene	94
Ethyl Benzene	102
m,p-Xylene	83
o-Xylene	82
Styrene	95
1,1,2,2-Tetrachloroethane	95
1,3,5-Trimethylbenzene	78
1,2,4-Trimethylbenzene	63 Q
1,3-Dichlorobenzene	92
1,4-Dichlorobenzene	90
alpha-Chlorotoluene	91
1,2-Dichlorobenzene	89
1,2,4-Trichlorobenzene	70
Hexachlorobutadiene	75

Air Toxics LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: LCS

Lab ID#: 0611379-09A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**7112903**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 11/29/06 10:43 AM**	

Compound	%Recovery
Propylene	99
1,3-Butadiene	97
Acetone	98
Carbon Disulfide	102
trans-1,2-Dichloroethene	101
2-Butanone (Methyl Ethyl Ketone)	112
Hexane	102
Tetrahydrofuran	99
Cyclohexane	95
1,4-Dioxane	97
Bromodichloromethane	98
4-Methyl-2-pentanone	101
2-Hexanone	93
Dibromochloromethane	91
Bromoform	70
4-Ethyltoluene	88
Ethanol	96
Methyl tert-butyl ether	92
Heptane	95
Naphthalene	182 Q
2-Methylpentane	Not Spiked
Isopentane	Not Spiked
2,3-Dimethylpentane	Not Spiked
2,2,4-Trimethylpentane	102
Indene	Not Spiked
Indan	Not Spiked
Thiophene	Not Spiked
2-Propanol	102

Q = Exceeds Quality Control limits.

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	98	70-130
4-Bromofluorobenzene	97	70-130
Toluene-d8	102	70-130

0517

Report Date: 01-Dec-2006 14:34

Air Toxics Ltd.

RECOVERY REPORT

Client Name: Client SDG: 7-29nov
Sample Matrix: GAS Fraction: VOA
Lab Smp Id: LCS Client Smp ID: LCS
Level: LOW Operator: nk
Data Type: MS DATA SampleType: LCS
SpikeList File: AT-2.spk Quant Type: ISTD
Sublist File: AT-2.sub
Method File: /chem/msd7.i/7-29nov.b/t14ln28a.m
Misc Info: 10ppbv[100ml]

	SPIKE COMPOUND	CONC ADDED PPBV	CONC RECOVERED PPBV	% RECOVERED	LIMITS
1	Propylene	10.000	9.877	98.77	60-140
3	Dichlorodifluorome	10.000	8.870	88.70	70-130
4	Freon 114	10.000	8.878	88.78	70-130
5	Chloromethane	10.000	8.645	86.45	70-130
6	Vinyl Chloride	10.000	8.562	85.62	70-130
8	1,3-Butadiene	10.000	9.672	96.72	60-140
9	Bromomethane	10.000	9.034	90.34	70-130
10	Chloroethane	10.000	9.073	90.73	70-130
13	Trichlorofluoromet	10.000	8.740	87.40	70-130
18	Freon 113	10.000	8.988	89.89	70-130
17	1,1-Dichloroethene	10.000	8.808	88.08	70-130
19	Acetone	10.000	9.857	98.57	60-140
20	Carbon Disulfide	10.000	10.175	101.75	60-140
25	Methylene Chloride	10.000	8.923	89.23	70-130
26	MTBE	10.000	9.178	91.78	60-140
27	trans-1,2-Dichloro	10.000	10.128	101.28	60-140
29	Hexane	10.000	10.151	101.51	60-140
30	1,1-Dichloroethane	10.000	9.070	90.70	70-130
33	cis-1,2-Dichloroet	10.000	9.253	92.53	70-130
34	2-Butanone	10.000	11.198	111.98	60-140
35	Tetrahydrofuran	10.000	9.867	98.67	60-140
37	Chloroform	10.000	9.038	90.38	70-130
38	Cyclohexane	10.000	9.538	95.38	60-140
39	1,1,1-Trichloroeth	10.000	8.924	89.24	70-130
41	Carbon Tetrachlori	10.000	9.154	91.54	70-130
43	2,2,4-Trimethylpen	10.000	10.185	101.85	70-130
44	Benzene	10.000	8.669	86.69	70-130
45	1,2-Dichloroethane	10.000	9.140	91.40	70-130
46	Heptane	10.000	9.526	95.26	60-140
49	Trichloroethene	10.000	9.388	93.88	70-130
50	1,2-Dichloropropan	10.000	9.234	92.35	70-130
51	1,4-Dioxane	10.000	9.728	97.28	60-140
52	Bromodichlorometha	10.000	9.799	97.99	60-140

SPIKE COMPOUND	CONC ADDED PPBV	CONC RECOVERED PPBV	% RECOVERED	LIMITS
53 cis-1,3-Dichloropr	10.000	6.405	64.05*	70-130
54 4-Methyl-2-pentano	10.000	10.121	101.21	60-140
56 Toluene	10.000	9.376	93.76	70-130
58 1,1,2-Trichloroeth	10.000	9.774	97.74	70-130
59 Tetrachloroethene	10.000	9.749	97.49	70-130
60 2-Hexanone	10.000	9.293	92.93	60-140
61 Dibromochlorometha	10.000	9.126	91.26	60-140
62 1,2-Dibromoethane	10.000	9.618	96.18	70-130
65 Chlorobenzene	10.000	9.434	94.34	70-130
66 Ethyl Benzene	10.000	10.190	101.90	70-130
67 m,p-Xylene	20.000	16.609	83.04	70-130
68 o-Xylene	10.000	8.190	81.90	70-130
70 Bromoform	10.000	7.022	70.22	60-140
74 1,1,2,2-Tetrachlor	10.000	9.549	95.49	70-130
77 4-Ethyltoluene	10.000	8.753	87.53	60-140
78 1,3,5-Trimethylben	10.000	7.750	77.50	70-130
81 1,2,4-Trimethylben	10.000	6.336	63.36*	70-130
84 1,3-Dichlorobenzen	10.000	9.235	92.35	70-130
85 1,4-Dichlorobenzen	10.000	9.043	90.43	70-130
89 1,2-Dichlorobenzen	10.000	8.912	89.12	70-130
93 1,2,4-Trichloroben	10.000	7.029	70.29	70-130
94 Hexachlorobutadien	10.000	7.496	74.96	70-130
71 Cumene	10.000	8.730	87.30	60-140
75 Propylbenzene	10.000	8.670	86.70	60-140
21 2-Propanol	10.000	10.231	102.31	60-140
15 Ethanol	10.000	9.648	96.48	60-140
86 alpha-chlorotoluen	10.000	9.073	90.73	70-130
95 Naphthalene	10.000	18.238	182.38*	60-140
31 Vinyl Acetate	10.000	7.875	78.75	60-140

SURROGATE COMPOUND	CONC ADDED PPBV	CONC RECOVERED PPBV	% RECOVERED	LIMITS
$ 42 1,2-Dichloroethane	10.000	9.812	98.12	70-130
$ 55 Toluene-d8	10.000	10.180	101.81	70-130
$ 73 Bromofluorobenzene	10.000	9.674	96.74	70-130

@Air Toxics Ltd.

DATA REVIEW CHECKLIST

Work Order #: 0611379

A	R	T	M	Q	
☑	☑	☐	☑	☐	Analysis/Reporting vs. Project Profile/SOP requirements checked (i.e. 100% Dups, J-Flag to MDL, etc)
	☑	☐	☑	☐	The final report has the correct reporting list, special units, and header info.
	☑	☐	☑	☐	Lab Narrative is correct (proper method & description/Receiving & Analytical notes correct)
☐	☐	☐	☐	☐	Corrective Action issued - # _____
☑	☐	☐	☐	☐	Unusual circumstances have been documented in the notes section below

LUMEN *validation report present and initialed* ***CIRCLE (YES / NO)***

☑	☐	☐	☐	☐	Lab Blank, CCV, LCS and DUP met QC criteria
☑	☐	☐	☐	☐	Hold time is met for all samples
	☐	☐	☐	☐	Appropriate data qualifier flags are applied
	☐	☐	☐	☐	Manual integrations for samples and QC are properly documented
☑	☐	☐		☐	Samples analyzed within the project or method specific clock
	☐	☐			Retention times have been verified
☑	☐	☐		☐	Appropriate ICAL(s) included
	☐	☐	☑	☐	At least one result per sample is verified against the target quant sheets/raw data

☑	☑	☐	☐	Dilution factor correctly calculated (sample load volume, syringe and bag dilutions, can pressurization(s))
☑	☑	☐		Correct amount of sample analyzed (i.e. sample not over-diluted)
	☑	☐		Spectra verified - documentation of spectral defense included (Section 5A of eCVP pkg)
	☑	☐		TICs resemble reference spectra
	☑	☐		TICs between duplicate samples are consistent
☑	☐	☐	☑	Checked samples for trends (i.e. Influent>Effluent, Landfill or Ambient etc)
	☑		☑	Special units for all samples in the final report are correctly calculated
	☑	☐	☑	Manually entered results checked (i.e. special CCV compounds)
	☑	☐	☑	TPH/NMOC (verify calculations and correct reference compound used)
	☑			Chain of Custody scanned correctly
			☐	Verify sample id's vs. chain of custody
☐	☑			Samples pressurized w/ appropriate gas (N_2 or He) ☐ Tedlar Bag only
☑	☑			Final pressure consistent with canister size (6L vs. 1L)
☑	☑			Verify receipt pressures against logbook and Target
☑	☑			Verify canister ID #'s
	☑		☑	Extra printed copies are provided per client profile
	☑		☑	Final invoice amount correct (adjusted for TAT, Penalties, Re-issue Charges etc.)
	☑	☐	☑	☐ Client LUMEN report reviewed for accuracy and completeness

Notes: *(to include: noting samples with QA/QC problems, Blanks with positive hits, narratives, etc.)*

A/R:

Multiple CCV/LCS.
Naphthalene 7150 in LCS. Client is OK with it / Narrate it.
3-out in LCS.

M/Q:

A	R/T	M	Q
(Analytical Review/Date)	(Reporting Review/Date)	(Management Review/Date)	(QA Review/Date)
NK 11/30/06	R: ME 12/01/06	12/4/06	

T:_____

Note (1): Please check all the appropriate boxes. Indicate "NA" for any statement that does not apply.
Note (2): Management reviewer and reporting reviewer must be separate individuals.

Rev. 08/29/05

Air Toxics LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: SV01 Duplicate

Lab ID#: 0611379-01AA

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	7112913	Date of Collection:	11/14/06
Dil. Factor:	1.49	Date of Analysis:	11/29/06 09:42 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.15	5.5	0.74	27
Freon 114	0.15	Not Detected	1.0	Not Detected
Chloromethane	0.15	Not Detected	0.31	Not Detected
Vinyl Chloride	0.15	Not Detected	0.38	Not Detected
Bromomethane	0.15	Not Detected	0.58	Not Detected
Chloroethane	0.15	Not Detected	0.39	Not Detected
Freon 11	0.15	11	0.84	65
1,1-Dichloroethene	0.15	Not Detected	0.59	Not Detected
Freon 113	0.15	0.14 J	1.1	1.1
Methylene Chloride	0.15	0.75	0.52	2.6
1,1-Dichloroethane	0.15	Not Detected	0.60	Not Detected
cis-1,2-Dichloroethene	0.15	Not Detected	0.59	Not Detected
Chloroform	0.15	Not Detected	0.73	Not Detected
1,1,1-Trichloroethane	0.15	Not Detected	0.81	Not Detected
Carbon Tetrachloride	0.15	Not Detected	0.94	Not Detected
Benzene	0.15	1.9	0.48	6.2
1,2-Dichloroethane	0.15	Not Detected	0.60	Not Detected
Trichloroethene	0.15	Not Detected	0.80	Not Detected
1,2-Dichloropropane	0.15	Not Detected	0.69	Not Detected
cis-1,3-Dichloropropene	0.15	Not Detected	0.68	Not Detected
Toluene	0.15	24	0.56	92
trans-1,3-Dichloropropene	0.15	Not Detected	0.68	Not Detected
1,1,2-Trichloroethane	0.15	Not Detected	0.81	Not Detected
Tetrachloroethene	0.15	0.59	1.0	4.0
1,2-Dibromoethane (EDB)	0.15	Not Detected	1.1	Not Detected
Chlorobenzene	0.15	Not Detected	0.68	Not Detected
Ethyl Benzene	0.15	1.2	0.65	5.2
m,p-Xylene	0.15	3.6	0.65	15
o-Xylene	0.15	1.2	0.65	5.1
Styrene	0.15	0.70	0.63	3.0
1,1,2,2-Tetrachloroethane	0.15	Not Detected	1.0	Not Detected
1,3,5-Trimethylbenzene	0.15	0.54	0.73	2.6
1,2,4-Trimethylbenzene	0.15	2.1	0.73	10
1,3-Dichlorobenzene	0.15	Not Detected	0.90	Not Detected
1,4-Dichlorobenzene	0.15	Not Detected	0.90	Not Detected
alpha-Chlorotoluene	0.15	Not Detected	0.77	Not Detected
1,2-Dichlorobenzene	0.15	Not Detected	0.90	Not Detected
1,2,4-Trichlorobenzene	0.74	Not Detected	5.5	Not Detected
Hexachlorobutadiene	0.74	Not Detected	7.9	Not Detected

Air Toxics LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: SV01 Duplicate

Lab ID#: 0611379-01AA

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	7112913	Date of Collection:	11/14/06
Dil. Factor:	1.49	Date of Analysis:	11/29/06 09:42 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Propylene	0.74	Not Detected	1.3	Not Detected
1,3-Butadiene	0.74	Not Detected	1.6	Not Detected
Acetone	0.74	16	1.8	38
Carbon Disulfide	0.74	4.6	2.3	14
trans-1,2-Dichloroethene	0.74	Not Detected	3.0	Not Detected
2-Butanone (Methyl Ethyl Ketone)	0.74	0.80	2.2	2.4
Hexane	0.74	2.0	2.6	7.2
Tetrahydrofuran	0.74	Not Detected	2.2	Not Detected
Cyclohexane	0.74	Not Detected	2.6	Not Detected
1,4-Dioxane	0.74	Not Detected	2.7	Not Detected
Bromodichloromethane	0.74	Not Detected	5.0	Not Detected
4-Methyl-2-pentanone	0.74	Not Detected	3.0	Not Detected
2-Hexanone	0.74	Not Detected	3.0	Not Detected
Dibromochloromethane	0.74	Not Detected	6.3	Not Detected
Bromoform	0.74	Not Detected	7.7	Not Detected
4-Ethyltoluene	0.74	1.0	3.7	5.0
Ethanol	0.74	Not Detected	1.4	Not Detected
Methyl tert-butyl ether	0.74	Not Detected	2.7	Not Detected
Heptane	0.74	1.5	3.0	6.1
Naphthalene	0.74	Not Detected	3.9	Not Detected
2-Methylpentane	0.74	2.9	2.6	10
Isopentane	0.74	11	2.2	32
2,3-Dimethylpentane	0.74	Not Detected	3.0	Not Detected
2,2,4-Trimethylpentane	0.74	1.0	3.5	4.9
Indene	0.74	Not Detected	3.5	Not Detected
Indan	0.74	Not Detected	3.6	Not Detected
Thiophene	0.74	Not Detected	2.6	Not Detected
2-Propanol	0.74	Not Detected	1.8	Not Detected

J = Estimated value.

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount (ppbv)
Methane, trifluoro-	75-46-7	3.0%	420 N J
Propane, 2-methyl-	75-28-5	59%	21 N J
Butane	106-97-8	80%	410 N J
Pentane	109-66-0	86%	12 N J
.alpha.-Pinene	80-56-8	94%	9.7 N J
Camphene	79-92-5	86%	14 N J

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: SV01 Duplicate

Lab ID#: 0611379-01AA

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**7112913**	**Date of Collection:**	**11/14/06**
Dil. Factor:	**1.49**	**Date of Analysis:**	**11/29/06 09:42 PM**

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount (ppbv)
.beta.-Pinene	127-91-3	91%	8.4 N J
Limonene	138-86-3	94%	10 N J
Benzene, 1-methyl-2-(1-methylethyl)-	527-84-4	94%	12 N J
Bicyclo[2.2.1]heptan-2-one, 1,7,7-trimet	21368-68-3	95%	12 N J

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	99	70-130
4-Bromofluorobenzene	104	70-130
Toluene-d8	98	70-130

SAMPLE RESULTS/SAMPLE RESULTS DUPLICATE

Lab Name: Air Toxics Ltd.
Lab File ID: 7112913.d & 7112912.d
Lab Sample ID: 01A & 01AA
Dilution: 1.49 & 1.49
Client Sample ID: &
Date Analyzed: 11/29/06 & 11/29/06

		Original		Duplicate		
CAS Number	Compound	Amount	Flags	Amount	Flags	RPD
71-55-6	1,1,1-Trichloroethane	ND	U	ND	U	0
79-34-5	1,1,2,2-Tetrachloroethane	ND	U	ND	U	0
79-00-5	1,1,2-Trichloroethane	ND	U	ND	U	0
75-34-3	1,1-Dichloroethane	ND	U	ND	U	0
75-35-4	1,1-Dichloroethene	ND	U	ND	U	0
120-82-1	1,2,4-Trichlorobenzene	ND	U	ND	U	0
95-63-6	1,2,4-Trimethylbenzene	2.09		2.141		2.4
106-93-4	1,2-Dibromoethane (EDB)	ND	U	ND	U	0
95-50-1	1,2-Dichlorobenzene	ND	U	ND	U	0
107-06-2	1,2-Dichloroethane	ND	U	ND	U	0
78-87-5	1,2-Dichloropropane	ND	U	ND	U	0
108-67-8	1,3,5-Trimethylbenzene	0.513		0.5363		4.4
106-99-0	1,3-Butadiene	ND	U	ND	U	0
541-73-1	1,3-Dichlorobenzene	ND	U	ND	U	0
106-46-7	1,4-Dichlorobenzene	ND	U	ND	U	0
123-91-1	1,4-Dioxane	ND	U	ND	U	0
540-84-1	2,2,4-Trimethylpentane	0.977		1.047		6.9
565-59-3	2,3-Dimethylpentane	ND	U	ND	U	0
78-93-3	2-Butanone (Methyl Ethyl Ketone)	0.78		0.7989		2.4
591-78-6	2-Hexanone	ND	U	ND	U	0
107-83-5	2-Methylpentane	2.743		2.923		6.4
67-63-0	2-Propanol	ND	U	ND	U	0
622-96-8	4-Ethyltoluene	1.011		1.016		0.49
108-10-1	4-Methyl-2-pentanone	ND	U	ND	U	0
67-64-1	Acetone	15.516		15.861		2.2
100-44-7	alpha-Chlorotoluene	ND	U	ND	U	0
71-43-2	Benzene	1.821		1.937		6.2
75-27-4	Bromodichloromethane	ND	U	ND	U	0
75-25-2	Bromoform	ND	U	ND	U	0
74-83-9	Bromomethane	ND	U	ND	U	0
75-15-0	Carbon Disulfide	4.467		4.614		3.2
56-23-5	Carbon Tetrachloride	ND	U	ND	U	0
108-90-7	Chlorobenzene	ND	U	ND	U	0
75-00-3	Chloroethane	ND	U	ND	U	0
67-66-3	Chloroform	ND	U	ND	U	0
74-87-3	Chloromethane	ND	U	ND	U	0
156-59-2	cis-1,2-Dichloroethene	ND	U	ND	U	0
10061-01-5	cis-1,3-Dichloropropene	ND	U	ND	U	0
110-82-7	Cyclohexane	ND	U	ND	U	0
124-48-1	Dibromochloromethane	ND	U	ND	U	0
64-17-5	Ethanol	ND	U	ND	U	0
100-41-4	Ethyl Benzene	1.124		1.188		5.5
75-69-4	Freon 11	11.368		11.498		1.1
76-13-1	Freon 113	ND	U	0.1433		-->200<-- ±RL 0.15
76-14-2	Freon 114	ND	U	ND	U	0
75-71-8	Freon 12	5.689		5.509		3.2

Note: The results appearing in the Amount columns are the raw, unrounded numbers acquired from the instrument.

0300

SAMPLE RESULTS/SAMPLE RESULTS DUPLICATE

Lab Name: Air Toxics Ltd.
Lab File ID: 7112913.d & 7112912.d
Lab Sample ID: 01A & 01AA
Dilution: 1.49 & 1.49
Client Sample ID: &
Date Analyzed: 11/29/06 & 11/29/06

		Original		Duplicate		
CAS Number	Compound	Amount	Flags	Amount	Flags	RPD
142-82-5	Heptane	1.468		1.488		1.4
87-68-3	Hexachlorobutadiene	ND	U	ND	U	0
110-54-3	Hexane	1.932		2.053		6.1
496-11-7	Indan	ND	U	ND	U	0
95-13-6	Indene	ND	U	ND	U	0
78-78-4	Isopentane	10.745		10.929		1.7
108-38-3	m,p-Xylene	3.565		3.564		0.028
1634-04-4	Methyl tert-butyl ether	ND	U	ND	U	0
75-09-2	Methylene Chloride	0.5331		0.748		-->34<--
91-20-3	Naphthalene	ND	U	ND	U	0
95-47-6	o-Xylene	1.168		1.177		0.77
115-07-1	Propylene	ND	U	ND	U	0
100-42-5	Styrene	0.7112		0.6968		2.0
127-18-4	Tetrachloroethene	0.6234		0.5878		5.9
109-99-9	Tetrahydrofuran	ND	U	ND	U	0
110-02-1	Thiophene	ND	U	ND	U	0
108-88-3	Toluene	24.124		24.372		1.0
156-60-5	trans-1,2-Dichloroethene	ND	U	ND	U	0
10061-02-6	trans-1,3-Dichloropropene	ND	U	ND	U	0
79-01-6	Trichloroethene	ND	U	ND	U	0
75-01-4	Vinyl Chloride	ND	U	ND	U	0

Note: The results appearing in the Amount columns are the raw, unrounded numbers acquired from the instrument.

Air Toxics Ltd.

INITIAL CALIBRATION DATA

Start Cal Date : 30-OCT-2006 21:41
End Cal Date : 28-NOV-2006 18:35
Quant Method : ISTD
Origin : Disabled
Target Version : 3.50
Integrator : HP RTE
Method file : /chem/msd7.i/7-28nov.b/t14ln28a.m
Cal Date : 30-Nov-2006 09:03 nkhan
Curve Type : Average

Calibration File Names:
Level 1: /chem/msd7.i/7-28nov.b/7112802.d
Level 2: /chem/msd7.i/7-28nov.b/7112803.d
Level 3: /chem/msd7.i/7-28nov.b/7112804.d
Level 4: /chem/msd7.i/7-28nov.b/7112805.d
Level 5: /chem/msd7.i/7-28nov.b/7112806.d
Level 6: /chem/msd7.i/7-28nov.b/7112807.d
Level 7: /chem/msd7.i/7-28nov.b/7112808.d

Compound	0.05000 Level 1 / 40.000 Level 7	0.10000 Level 2	0.50000 Level 3	2.000 Level 4	10.000 Level 5	20.000 Level 6	___ RRF	% RSD
1 Propylene	+++++ / 1.98821	+++++	2.01042	2.06501	2.12476	2.17313	2.07231	3.728
172 1,1,1,2-Tetrachloroethane	+++++ / +++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
169 Methylcyclohexane	+++++ / +++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
168 1,2-Dibromo-3-chloropropane	+++++ / +++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
167 Freon 134a	+++++ / +++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
2 Freon 152A	+++++ / 1.46335	+++++	1.55579	+++++	1.18051	+++++	1.39989	13.967
3 Dichlorodifluoromethane/Fr12	+++++ / 5.88896	6.23074	5.82023	6.35438	6.40366	6.43560	6.18893	4.348

Air Toxics Ltd.

INITIAL CALIBRATION DATA

Start Cal Date : 30-OCT-2006 21:41
End Cal Date : 28-NOV-2006 18:35
Quant Method : ISTD
Origin : Disabled
Target Version : 3.50
Integrator : HP RTE
Method file : /chem/msd7.i/7-28nov.b/t14ln28a.m
Cal Date : 30-Nov-2006 09:03 nkhan
Curve Type : Average

Compound	0.05000 Level 1	0.10000 Level 2	0.50000 Level 3	2.000 Level 4	10.000 Level 5	20.000 Level 6	40.000 Level 7	RRF	% RSD
4 Freon 114	+++++	4.33243	3.85909	3.85635	3.87652	3.89948	3.50103	3.88748	6.800
5 Chloromethane	+++++	2.84796	2.21137	2.31878	2.31764	2.34513	2.16260	2.36725	10.392
6 Vinyl Chloride	+++++	2.58525	2.02310	2.21990	2.22222	2.21282	2.03192	2.21587	9.194
7 Freon 22	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
8 1,3-Butadiene	+++++	2.04329	1.53511	1.55431	1.58069	1.66450	1.48020	1.64302	12.491
9 Bromomethane	+++++	1.52209	1.50105	1.44672	1.46569	1.48123	1.15449	1.42854	9.578
10 Chloroethane	+++++	1.25679	1.09400	1.03786	1.11335	0.70782	0.50606	0.95265	29.873
11 Isopentane	+++++	+++++	1.63484	1.48429	1.68333	1.61237	1.49734	1.58244	5.536
12 Vinyl Bromide	+++++	+++++	1.41211	1.21024	1.33956	1.42367	1.28584	1.33428	6.683
13 Trichlorofluoromethane/Fr11	+++++	6.08414	5.23807	5.60434	5.75750	5.60420	5.32706	5.60255	5.441

Air Toxics Ltd.

INITIAL CALIBRATION DATA

Start Cal Date : 30-OCT-2006 21:41
End Cal Date : 28-NOV-2006 18:35
Quant Method : ISTD
Origin : Disabled
Target Version : 3.50
Integrator : HP RTE
Method file : /chem/msd7.i/7-28nov.b/t14ln28a.m
Cal Date : 30-Nov-2006 09:03 nkhan
Curve Type : Average

Compound	0.05000 Level 1	0.10000 Level 2	0.50000 Level 3	2.000 Level 4	10.000 Level 5	20.000 Level 6	40.000 Level 7	RRF	% RSD
14 Acrolein	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
15 Ethanol	+++++	+++++	0.91532	0.69236	0.70909	0.75354	0.73303	0.76067	11.769
16 Pentane	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
17 1,1-Dichloroethene	+++++	1.20846	1.05877	1.07540	1.07752	1.09001	1.02107	1.08854	5.827
18 Freon 113	+++++	2.92385	2.62959	2.82508	2.77354	2.82538	2.56903	2.75774	4.838
19 Acetone	+++++	+++++	3.18495	3.20066	3.13769	3.25630	3.13080	3.18208	1.607
20 Carbon Disulfide	+++++	+++++	4.20637	4.38591	4.49413	4.61495	4.40845	4.42196	3.400
21 2-Propanol	+++++	+++++	2.80402	2.74795	3.08160	3.30461	3.24007	3.03565	8.279
22 3-Chloropropene	+++++	+++++	0.74391	0.68228	0.75078	0.80479	0.77321	0.75100	6.014
23 Acetonitrile	+++++	+++++	1.27639	0.66321	0.84557	0.87515	0.87133	0.90633	24.791

Air Toxics Ltd.

INITIAL CALIBRATION DATA

Start Cal Date : 30-OCT-2006 21:41
End Cal Date : 28-NOV-2006 18:35
Quant Method : ISTD
Origin : Disabled
Target Version : 3.50
Integrator : HP RTE
Method file : /chem/msd7.i/7-28nov.b/t14ln28a.m
Cal Date : 30-Nov-2006 09:03 nkhan
Curve Type : Average

Compound	0.05000 Level 1	0.10000 Level 2	0.50000 Level 3	2.000 Level 4	10.000 Level 5	20.000 Level 6	40.000 Level 7	___ RRF	% RSD
24 2-Methylpentane	+++++	+++++	1.22535	1.09335	1.17567	1.21084	1.22827	1.18670	4.737
163 tert-Butyl alcohol	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
25 Methylene Chloride	+++++	1.92296	1.48096	1.42295	1.43644	1.50778	1.42387	1.53250	12.679
26 MTBE	+++++	2.60374	3.18632	3.29944	3.01610	3.26713	2.80874	3.03025	9.147
27 trans-1,2-Dichloroethene	+++++	1.04792	0.96960	0.98901	1.02418	1.04296	0.99814	1.01197	3.098
28 Acrylonitrile	+++++	+++++	1.19692	0.96141	1.26575	1.30520	1.30138	1.20613	11.901
29 Hexane	+++++	2.69131	2.45290	2.63576	2.75426	2.88103	2.76768	2.69716	5.386
164 Isopropyl ether	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
30 1,1-Dichloroethane	+++++	3.44441	3.09626	3.10928	3.28011	3.40448	3.21576	3.25838	4.484
31 Vinyl Acetate	+++++	+++++	2.09554	2.70417	3.36846	3.68625	3.91124	3.15313	23.655

Air Toxics Ltd.

INITIAL CALIBRATION DATA

Start Cal Date : 30-OCT-2006 21:41
End Cal Date : 28-NOV-2006 18:35
Quant Method : ISTD
Origin : Disabled
Target Version : 3.50
Integrator : HP RTE
Method file : /chem/msd7.i/7-28nov.b/t141n28a.m
Cal Date : 30-Nov-2006 09:03 nkhan
Curve Type : Average

Compound	0.05000 Level 1	0.10000 Level 2	0.50000 Level 3	2.000 Level 4	10.000 Level 5	20.000 Level 6	40.000 Level 7	___ RRF	% RSD
32 Chloroprene	+++++	+++++	4.02609	4.07411	4.96575	5.35376	5.26301	4.73654	13.577
165 Ethyl-tert-butyl ether	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
34 2-Butanone	+++++	0.52055	0.60121	0.69749	0.78654	0.83794	0.82183	0.71093	18.080
33 cis-1,2-Dichloroethene	+++++	1.33528	1.09811	1.08587	1.13526	1.17241	1.09560	1.15375	8.198
162 Ethyl Acetate	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
35 Tetrahydrofuran	+++++	+++++	2.09362	1.97904	2.14007	2.24276	2.16650	2.12440	4.594
37 Chloroform	+++++	3.92344	3.46376	3.52846	3.67941	3.73744	3.52105	3.64226	4.740
40 2,3-Dimethylpentane	+++++	+++++	0.17702	0.18002	0.19580	0.20479	0.19161	0.18985	6.023
38 Cyclohexane	+++++	2.63260	2.09177	2.07631	2.20174	2.26937	2.13265	2.23407	9.315
39 1,1,1-Trichloroethane	+++++	4.19296	3.94675	3.99860	4.24699	4.36035	4.04751	4.13219	3.877

Air Toxics Ltd.

INITIAL CALIBRATION DATA

Start Cal Date : 30-OCT-2006 21:41
End Cal Date : 28-NOV-2006 18:35
Quant Method : ISTD
Origin : Disabled
Target Version : 3.50
Integrator : HP RTE
Method file : /chem/msd7.i/7-28nov.b/t14ln28a.m
Cal Date : 30-Nov-2006 09:03 nkhan
Curve Type : Average

Compound	0.05000 Level 1	0.10000 Level 2	0.50000 Level 3	2.000 Level 4	10.000 Level 5	20.000 Level 6	40.000 Level 7	RRF	% RSD
41 Carbon Tetrachloride	+++++	3.90463	3.39289	3.78889	4.17574	4.28282	4.01440	3.92656	8.061
43 2,2,4-Trimethylpentane	+++++	+++++	2.78441	2.86739	2.98180	3.09239	2.92609	2.93042	3.972
44 Benzene	+++++	1.63902	1.19553	1.13160	1.11116	1.09516	1.03316	1.20094	18.400
166 tert-Amyl methyl ether	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
45 1,2-Dichloroethane	+++++	0.66011	0.61581	0.61858	0.65253	0.64603	0.60834	0.63357	3.455
46 Heptane	+++++	0.87117	0.68093	0.72010	0.75304	0.76409	0.73475	0.75401	8.531
47 Thiophene	+++++	+++++	0.55220	0.52750	0.56959	0.58433	0.55830	0.55838	3.789
49 Trichloroethene	+++++	0.49768	0.46945	0.46376	0.47614	0.47160	0.43770	0.46939	4.139
50 1,2-Dichloropropane	+++++	0.45735	0.37078	0.38326	0.39119	0.39050	0.38260	0.39595	7.822
51 1,4-Dioxane	+++++	0.30781	0.24077	0.25469	0.27548	0.27627	0.27021	0.27087	8.391

Air Toxics Ltd.

INITIAL CALIBRATION DATA

Start Cal Date : 30-OCT-2006 21:41
End Cal Date : 28-NOV-2006 18:35
Quant Method : ISTD
Origin : Disabled
Target Version : 3.50
Integrator : HP RTE
Method file : /chem/msd7.i/7-28nov.b/t14ln28a.m
Cal Date : 30-Nov-2006 09:03 nkhan
Curve Type : Average

Compound	0.05000 Level 1	0.10000 Level 2	0.50000 Level 3	2.000 Level 4	10.000 Level 5	20.000 Level 6	40.000 Level 7	RRF	% RSD
52 Bromodichloromethane	+++++	0.73845	0.71963	0.81656	0.88599	0.90102	0.85010	0.81863	9.231
53 cis-1,3-Dichloropropene	+++++	0.57136	0.51700	0.52654	0.62593	0.65111	0.63660	0.58809	9.880
54 4-Methyl-2-pentanone	+++++	0.82464	0.74594	0.87518	1.06329	1.10074	1.06819	0.94633	15.843
56 Toluene	+++++	1.38181	1.17411	1.23203	1.29034	1.29658	1.22543	1.26672	5.712
57 trans-1,3-Dichloropropene	+++++	0.62074	0.63365	0.67666	0.77025	0.78907	0.77998	0.71173	10.823
58 1,1,2-Trichloroethane	+++++	0.52349	0.45858	0.49346	0.52709	0.52462	0.50086	0.50468	5.257
59 Tetrachloroethene	+++++	0.69332	0.60663	0.63251	0.64405	0.62517	0.58536	0.63118	5.829
60 2-Hexanone	+++++	+++++	0.39474	0.47808	0.59684	0.62065	0.63251	0.54457	19.067
61 Dibromochloromethane	+++++	0.76468	0.71956	0.84433	0.95426	0.96705	0.93116	0.86351	12.078
62 1,2-Dibromoethane	+++++	0.74746	0.71309	0.74532	0.82464	0.82634	0.79404	0.77515	6.033

Air Toxics Ltd.

INITIAL CALIBRATION DATA

Start Cal Date : 30-OCT-2006 21:41
End Cal Date : 28-NOV-2006 18:35
Quant Method : ISTD
Origin : Disabled
Target Version : 3.50
Integrator : HP RTE
Method file : /chem/msd7.i/7-28nov.b/t141n28a.m
Cal Date : 30-Nov-2006 09:03 nkhan
Curve Type : Average

Compound	0.05000 Level 1	0.10000 Level 2	0.50000 Level 3	2.000 Level 4	10.000 Level 5	20.000 Level 6	___ RRF	% RSD
	40.000 Level 7							
63 Octane	+++++	+++++	+++++	+++++	+++++	+++++		
	+++++						+++++	+++++
65 Chlorobenzene	+++++	1.39801	1.14432	1.15289	1.19566	1.18954		
	1.13539						1.20264	8.214
66 Ethyl Benzene	+++++	0.63132	0.58801	0.63497	0.65604	0.65385		
	0.63026						0.63241	3.874
67 m,p-Xylene	1.35135	0.77400	0.71505	0.77579	0.80217	0.78051		
	0.72141						0.84575	26.631
68 o-Xylene	+++++	0.85214	0.67495	0.75866	0.77344	0.76500		
	0.71888						0.75718	7.829
69 Styrene	+++++	1.10260	0.95477	1.10509	1.21776	1.21168		
	1.15274						1.12411	8.603
70 Bromoform	+++++	0.63648	0.61325	0.77186	0.91600	0.89336		
	0.82099						0.77532	16.453
71 Cumene	+++++	2.84710	2.69800	2.87422	2.86543	2.78341		
	2.56064						2.77147	4.422
72 1,3-Dichloropropane	+++++	+++++	+++++	+++++	+++++	+++++		
	+++++						+++++	+++++
74 1,1,2,2-Tetrachloroethane	+++++	1.14912	1.02348	1.06099	1.14832	1.13876		
	1.06831						1.09817	4.922

Air Toxics Ltd.

INITIAL CALIBRATION DATA

Start Cal Date : 30-OCT-2006 21:41
End Cal Date : 28-NOV-2006 18:35
Quant Method : ISTD
Origin : Disabled
Target Version : 3.50
Integrator : HP RTE
Method file : /chem/msd7.i/7-28nov.b/t14ln28a.m
Cal Date : 30-Nov-2006 09:03 nkhan
Curve Type : Average

Compound	0.05000 Level 1	0.10000 Level 2	0.50000 Level 3	2.000 Level 4	10.000 Level 5	20.000 Level 6	40.000 Level 7	RRF	% RSD
75 Propylbenzene	+++++	3.75748	3.48085	3.74849	3.56515	3.46657	3.18741	3.53433	5.994
76 1,2,3-Trichloropropane	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
77 4-Ethyltoluene	+++++	3.17950	2.90183	3.12552	2.98896	2.87152	2.65938	2.95445	6.383
78 1,3,5-Trimethylbenzene	+++++	2.12343	1.96460	2.13587	2.24409	2.19687	2.04195	2.11780	4.805
79 Dibromomethane	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
80 tert-Butylbenzene	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
81 1,2,4-Trimethylbenzene	+++++	2.20161	1.92430	2.14682	2.30364	2.24411	2.08768	2.15136	6.234
82 sec-Butylbenzene	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
83 p-Cymene	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
84 1,3-Dichlorobenzene	+++++	1.40378	1.28055	1.37575	1.41847	1.37186	1.25929	1.35162	4.881

Air Toxics Ltd.

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Start Cal Date : 30-OCT-2006 21:41
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Origin : Disabled
Target Version : 3.50
Integrator : HP RTE
Method file : /chem/msd7.i/7-28nov.b/t14ln28a.m
Cal Date : 30-Nov-2006 09:03 nkhan
Curve Type : Average

Compound	0.05000 Level 1	0.10000 Level 2	0.50000 Level 3	2.000 Level 4	10.000 Level 5	20.000 Level 6	RRF	% RSD
	40.000 Level 7							
85 1,4-Dichlorobenzene	+++++	1.44384	1.34446	1.40175	1.43754	1.38807		
	1.26951						1.38086	4.737
86 alpha-chlorotoluene	+++++	1.96217	2.16348	2.53795	2.37963	2.40337		
	2.28909						2.28928	8.863
87 Indan	+++++	+++++	1.76455	1.85262	1.99144	1.94688		
	1.95788						1.90267	4.879
88 Butylbenzene	+++++	+++++	+++++	+++++	+++++	+++++		
	+++++						+++++	+++++
89 1,2-Dichlorobenzene	+++++	1.34921	1.25476	1.32113	1.37698	1.31517		
	1.19722						1.30241	5.046
90 Indene	+++++	+++++	1.29617	1.35812	1.77638	1.78056		
	1.82095						1.60644	15.966
91 Hexachloroethane	+++++	+++++	+++++	+++++	+++++	+++++		
	+++++						+++++	+++++
92 1,3,5-Trichlorobenzene	+++++	+++++	+++++	+++++	+++++	+++++		
	+++++						+++++	+++++
93 1,2,4-Trichlorobenzene	+++++	+++++	0.74802	0.75475	0.62166	0.62695		
	0.55713						0.66170	13.056
94 Hexachlorobutadiene	+++++	+++++	0.48526	0.53065	0.52262	0.51382		
	0.44359						0.49919	7.110

Air Toxics Ltd.

INITIAL CALIBRATION DATA

Start Cal Date : 30-OCT-2006 21:41
End Cal Date : 28-NOV-2006 18:35
Quant Method : ISTD
Origin : Disabled
Target Version : 3.50
Integrator : HP RTE
Method file : /chem/msd7.i/7-28nov.b/tl4ln28a.m
Cal Date : 30-Nov-2006 09:03 nkhan
Curve Type : Average

Compound	0.05000 Level 1	0.10000 Level 2	0.50000 Level 3	2.000 Level 4	10.000 Level 5	20.000 Level 6	40.000 Level 7	___ RRF	% RSD
95 Naphthalene	+++++	+++++	0.92114	1.00664	1.12464	1.15186	1.02871	1.04660	8.915
170 Nonane	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
171 1,2,3-Trimethylbenzene	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
$ 42 1,2-Dichloroethane-d4	1.93927	1.93350	1.96106	2.02156	2.01670	2.14338	2.17431	2.02711	4.773
$ 55 Toluene-d8	0.98544	0.98512	0.98498	0.99232	1.00954	1.03467	1.03020	1.00318	2.173
$ 73 Bromofluorobenzene	0.55338	0.54614	0.55027	0.58159	0.56236	0.55917	0.53547	0.55548	2.611

Initial Calibration Narrative

A seven point initial calibration was analyzed on MSD-7 on 11-28-06.

Air Toxics LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: CCV

Lab ID#: 0611379-08A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**7112902**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 11/29/06 09:44 AM**	

Compound	%Recovery
Freon 12	98
Freon 114	95
Chloromethane	95
Vinyl Chloride	98
Bromomethane	98
Chloroethane	108
Freon 11	89
1,1-Dichloroethene	94
Freon 113	97
Methylene Chloride	93
1,1-Dichloroethane	97
cis-1,2-Dichloroethene	95
Chloroform	94
1,1,1-Trichloroethane	96
Carbon Tetrachloride	96
Benzene	91
1,2-Dichloroethane	96
Trichloroethene	99
1,2-Dichloropropane	98
cis-1,3-Dichloropropene	105
Toluene	98
trans-1,3-Dichloropropene	105
1,1,2-Trichloroethane	102
Tetrachloroethene	100
1,2-Dibromoethane (EDB)	105
Chlorobenzene	97
Ethyl Benzene	102
m,p-Xylene	93
o-Xylene	101
Styrene	107
1,1,2,2-Tetrachloroethane	101
1,3,5-Trimethylbenzene	102
1,2,4-Trimethylbenzene	103
1,3-Dichlorobenzene	102
1,4-Dichlorobenzene	100
alpha-Chlorotoluene	102
1,2-Dichlorobenzene	102
1,2,4-Trichlorobenzene	92
Hexachlorobutadiene	100

0496

Air Toxics LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: CCV

Lab ID#: 0611379-08A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**7112902**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 11/29/06 09:44 AM**	

Compound	%Recovery
Propylene	102
1,3-Butadiene	91
Acetone	94
Carbon Disulfide	99
trans-1,2-Dichloroethene	96
2-Butanone (Methyl Ethyl Ketone)	106
Hexane	99
Tetrahydrofuran	97
Cyclohexane	94
1,4-Dioxane	98
Bromodichloromethane	104
4-Methyl-2-pentanone	108
2-Hexanone	109
Dibromochloromethane	107
Bromoform	112
4-Ethyltoluene	98
Ethanol	94
Methyl tert-butyl ether	122
Heptane	98
Naphthalene	102
2-Methylpentane	115
Isopentane	106
2,3-Dimethylpentane	122
2,2,4-Trimethylpentane	98
Indene	106
Indan	108
Thiophene	106
2-Propanol	98

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	96	70-130
4-Bromofluorobenzene	100	70-130
Toluene-d8	101	70-130

0497

Air Toxics Ltd.

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: msd7.i Injection Date: 29-NOV-2006 09:44
Lab File ID: 7112902.d Init. Cal. Date(s): 30-OCT-2006 28-NOV-2006
Analysis Type: AIR Init. Cal. Times: 21:41 18:35
Lab Sample ID: CCV Quant Type: ISTD
Method: /chem/msd7.i/7-29nov.b/t14ln28a.m

			MIN		MAX	
COMPOUND	RRF / AMOUNT	RF10	RRF	%D / %DRIFT	%D / %DRIFT	CURVE TYPE
$ 42 1,2-Dichloroethane-d4	2.02711	1.95108	0.010	3.75097	30.00000	Averaged
$ 55 Toluene-d8	1.00318	1.01012	0.010	-0.69114	30.00000	Averaged
$ 73 Bromofluorobenzene	0.55548	0.55651	0.010	-0.18533	30.00000	Averaged
3 Dichlorodifluoromethane/Fr1	6.18893	6.05995	0.010	2.08405	30.00000	Averaged
4 Freon 114	3.88748	3.69221	0.010	5.02299	30.00000	Averaged
5 Chloromethane	2.36725	2.24054	0.010	5.35225	30.00000	Averaged
6 Vinyl Chloride	2.21587	2.17203	0.010	1.97827	30.00000	Averaged
8 1,3-Butadiene	1.64302	1.50038	0.010	8.68142	30.00000	Averaged
9 Bromomethane	1.42854	1.39740	0.010	2.18010	30.00000	Averaged
10 Chloroethane	0.95265	1.03415	0.010	-8.55523	30.00000	Averaged
13 Trichlorofluoromethane/Fr11	5.60255	4.99763	0.010	10.79732	30.00000	Averaged
15 Ethanol	0.76067	0.71183	0.010	6.42045	30.00000	Averaged
18 Freon 113	2.75774	2.67284	0.010	3.07871	30.00000	Averaged
17 1,1-Dichloroethene	1.08854	1.02792	0.010	5.56883	30.00000	Averaged
19 Acetone	3.18208	2.98421	0.010	6.21830	30.00000	Averaged
21 2-Propanol	3.03565	2.96738	0.010	2.24877	30.00000	Averaged
20 Carbon Disulfide	4.42196	4.36674	0.010	1.24877	30.00000	Averaged
25 Methylene Chloride	1.53250	1.42499	0.010	7.01503	30.00000	Averaged
26 MTBE	3.03025	3.70358	0.010	-22.22043	30.00000	Averaged
27 trans-1,2-Dichloroethene	1.01197	0.97144	0.010	4.00523	30.00000	Averaged
29 Hexane	2.69716	2.67126	0.010	0.96014	30.00000	Averaged
30 1,1-Dichloroethane	3.25838	3.15822	0.010	3.07404	30.00000	Averaged
34 2-Butanone	0.71093	0.75472	0.010	-6.15942	30.00000	Averaged
33 cis-1,2-Dichloroethene	1.15375	1.09971	0.010	4.68439	30.00000	Averaged
35 Tetrahydrofuran	2.12440	2.05534	0.010	3.25073	30.00000	Averaged
37 Chloroform	3.64226	3.42276	0.010	6.02655	30.00000	Averaged
39 1,1,1-Trichloroethane	4.13219	3.94832	0.010	4.44975	30.00000	Averaged
38 Cyclohexane	2.23407	2.09838	0.010	6.07399	30.00000	Averaged
41 Carbon Tetrachloride	3.92656	3.78566	0.010	3.58844	30.00000	Averaged
44 Benzene	1.20094	1.09357	0.010	8.94011	30.00000	Averaged
45 1,2-Dichloroethane	0.63357	0.61034	0.010	3.66631	30.00000	Averaged
46 Heptane	0.75401	0.73867	0.010	2.03503	30.00000	Averaged
49 Trichloroethene	0.46939	0.46522	0.010	0.88828	30.00000	Averaged
50 1,2-Dichloropropane	0.39595	0.38813	0.010	1.97411	30.00000	Averaged
51 1,4-Dioxane	0.27087	0.26629	0.010	1.69023	30.00000	Averaged
52 Bromodichloromethane	0.81863	0.85539	0.010	-4.49134	30.00000	Averaged

Air Toxics Ltd.

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: msd7.i Injection Date: 29-NOV-2006 09:44
Lab File ID: 7112902.d Init. Cal. Date(s): 30-OCT-2006 28-NOV-2006
Analysis Type: AIR Init. Cal. Times: 21:41 18:35
Lab Sample ID: CCV Quant Type: ISTD
Method: /chem/msd7.i/7-29nov.b/t14ln28a.m

			MIN		MAX	
COMPOUND	RRF / AMOUNT	RF10	RRF	%D / %DRIFT	%D / %DRIFT	CURVE TYPE
53 cis-1,3-Dichloropropene	0.58809	0.61856	0.010	-5.18075	30.00000	Averaged
54 4-Methyl-2-pentanone	0.94633	1.02723	0.010	-8.54861	30.00000	Averaged
56 Toluene	1.26672	1.24767	0.010	1.50378	30.00000	Averaged
57 trans-1,3-Dichloropropene	0.71173	0.74829	0.010	-5.13690	30.00000	Averaged
58 1,1,2-Trichloroethane	0.50468	0.51608	0.010	-2.25707	30.00000	Averaged
59 Tetrachloroethene	0.63118	0.62858	0.010	0.41113	30.00000	Averaged
60 2-Hexanone	0.54457	0.59567	0.010	-9.38424	30.00000	Averaged
61 Dibromochloromethane	0.86351	0.92804	0.010	-7.47326	30.00000	Averaged
62 1,2-Dibromoethane	0.77515	0.81297	0.010	-4.87887	30.00000	Averaged
65 Chlorobenzene	1.20264	1.16806	0.010	2.87520	30.00000	Averaged
66 Ethyl Benzene	0.63241	0.64879	0.010	-2.59050	30.00000	Averaged
67 m,p-Xylene	0.84575	0.78623	0.010	7.03779	30.00000	Averaged
68 o-Xylene	0.75718	0.76618	0.010	-1.18899	30.00000	Averaged
69 Styrene	1.12411	1.19923	0.010	-6.68277	30.00000	Averaged
70 Bromoform	0.77532	0.86618	0.010	-11.71858	30.00000	Averaged
71 Cumene	2.77147	2.78421	0.010	-0.45972	30.00000	Averaged
74 1,1,2,2-Tetrachloroethane	1.09817	1.11344	0.010	-1.39097	30.00000	Averaged
75 Propylbenzene	3.53433	3.46728	0.010	1.89691	30.00000	Averaged
77 4-Ethyltoluene	2.95445	2.88287	0.010	2.42274	30.00000	Averaged
78 1,3,5-Trimethylbenzene	2.11780	2.17053	0.010	-2.48978	30.00000	Averaged
81 1,2,4-Trimethylbenzene	2.15136	2.20928	0.010	-2.69239	30.00000	Averaged
84 1,3-Dichlorobenzene	1.35162	1.37845	0.010	-1.98562	30.00000	Averaged
85 1,4-Dichlorobenzene	1.38086	1.37724	0.010	0.26222	30.00000	Averaged
86 alpha-chlorotoluene	2.28928	2.32557	0.010	-1.58497	30.00000	Averaged
89 1,2-Dichlorobenzene	1.30241	1.32866	0.010	-2.01532	30.00000	Averaged
93 1,2,4-Trichlorobenzene	0.66170	0.60629	0.010	8.37356	30.00000	Averaged
94 Hexachlorobutadiene	0.49919	0.49832	0.010	0.17342	30.00000	Averaged
31 Vinyl Acetate	3.15313	2.55732	0.010	18.89597	30.00000	Averaged
1 Propylene	2.07231	2.11144	0.010	-1.88822	30.00000	Averaged
95 Naphthalene	1.04660	1.07204	0.010	-2.43034	40.00000	Averaged
22 3-Chloropropene	0.75100	0.73798	0.010	1.73375	30.00000	Averaged
43 2,2,4-Trimethylpentane	2.93042	2.85774	0.010	2.47996	40.00000	Averaged

Air Toxics Ltd.

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: msd7.i Injection Date: 29-NOV-2006 13:35
Lab File ID: 7112905.d Init. Cal. Date(s): 30-OCT-2006 28-NOV-2006
Analysis Type: AIR Init. Cal. Times: 21:41 18:35
Lab Sample ID: CCV Quant Type: ISTD
Method: /chem/msd7.i/7-29nov.b/t14ln28a.m

			MIN		MAX	
COMPOUND	RRF / AMOUNT	RF10	RRF	%D / %DRIFT	%D / %DRIFT	CURVE TYPE
$ 42 1,2-Dichloroethane-d4	2.02711	1.97061	0.010	2.78728	30.00000	Averaged
$ 55 Toluene-d8	1.00318	0.96394	0.010	3.91132	30.00000	Averaged
$ 73 Bromofluorobenzene	0.55548	0.54108	0.010	2.59195	30.00000	Averaged
11 Isopentane	1.58244	1.68633	0.010	-6.56517	40.00000	Averaged
24 2-Methylpentane	1.18670	1.36133	0.010	-14.71573	40.00000	Averaged
40 2,3-Dimethylpentane	0.18985	0.23097	0.010	-21.65837	40.00000	Averaged
47 Thiophene	0.55838	0.59519	0.010	-6.59122	40.00000	Averaged
87 Indan	1.90267	2.04886	0.010	-7.68315	40.00000	Averaged
90 Indene	1.60644	1.70708	0.010	-6.26496	40.00000	Averaged
12 Vinyl Bromide	1.33428	1.30624	0.010	2.10201	40.00000	Averaged
23 Acetonitrile	0.90633	0.88005	0.010	2.89971	40.00000	Averaged
28 Acrylonitrile	1.20613	1.39419	0.010	-15.59130	40.00000	Averaged
32 Chloroprene	4.73654	3.85485	0.010	18.61466	40.00000	Averaged

2008 Chain of Custody Records

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TAL-4142 (0907)

Client	Project Manager	Date	Chain of Custody Number
ENSR	JAMES EDWARDS	7/15/08	395248
Address	**Telephone Number (Area Code)/Fax Number**	**Lab Number**	**Page ____ of ____**
1001 W. SENECA ST., SUITE 204	607-277-5716		
City / **State** / **Zip Code**	**Site Contact**	**Lab Contact**	
ITHACA / NY / 14850	JESSE LLOYD		
Project Name and Location (State)	**Carrier/Waybill Number**		
SCHENECTADY MGP/SCHENECTADY, NY			
Contract/Purchase Order/Quote No.			

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Containers & Preservatives: Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/ NaOH	Analysis: TCL VOC 8260C	TCL SVOC 8270C	TAL METALS 6000/7000	TAL CN - 9012A	Special Instructions/ Conditions of Receipt
TP10(29)E(8-8.5)	7/14/08	0800				X	01						X	X	X	X	
TP10(31)E(8-8.5)	7/14/08	0800				X	01						X	X	X	X	
TP11(50)E(8-8.5)	7/14/08	1310				X	2						X	X	X	X	
TP12(5)W(8-8.5)	7/15/08	1000				X	2						X	X	X	X	
TP12(5)W(8-8.5)MS	7/15/08	1000				X	2						X	X	X	X	
TP12(5)W(8-8.5)MSD	7/15/08	1000				X	2						X	X	X	X	
TP12(12)W(10.5-11)	7/15/08	1100				X	2						X	X	X	X	

Possible Hazard Identification
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal
☐ Return To Client ☒ Disposal By Lab ☐ Archive For ____ Months (A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required
☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☒ Other ROUTINE

QC Requirements (Specify)

1. Relinquished By	Date	Time	1. Received By	Date	Time
SCOTT HARRIGAN	7/15/08	1400			
2. Relinquished By	Date	Time	2. Received By	Date	Time
3. Relinquished By	Date	Time	3. Received By	Date	Time

Comments

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TAL-4142 (0907)

Client: ENSR	Project Manager: JAMES EDWARDS	Date: 7/18/08	Chain of Custody Number: 395249
Address: 1001 W. SENECA ST.	Telephone Number (Area Code)/Fax Number: 607-277-5716	Lab Number:	Page 1 of 1
City: ITHACA / State: NY / Zip Code: 14850	Site Contact: JESSE LLOYD	Lab Contact:	Analysis (Attach list if more space is needed)
Project Name and Location (State): SCHENECTADY MGP / SCHENECTADY, NY	Carrier/Waybill Number:		
Contract/Purchase Order/Quote No.			

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Containers & Preservatives: Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/ NaOH	TCL VOC 8260B	TCL SVOC 8270C	TAL Metals 6000 7000	TOTAL CN 9012	Special Instructions/ Conditions of Receipt
SB50(14.5-15)	7/17/08	1350				X	X						X	X	X	X	
SB50(22-24)	7/17/08	1420				X	2						X	X	X	X	
SB50(24-26)	7/17/08	1430				X	2						X	X	X	X	
												NaOH-5% 2%					

Possible Hazard Identification
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal
☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months (A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required
☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☒ Other RUSH

QC Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By	7/18/08	1430 FEDEX	1. Received By		
2. Relinquished By			2. Received By		
3. Relinquished By			3. Received By		

Comments

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TAL-4142 (0907)

Client	Project Manager	Date	Chain of Custody Number
ENSR	JAMES EDWARDS	07/25/08	395250
Address	**Telephone Number (Area Code)/Fax Number**	**Lab Number**	**Page 1 of 1**
1001 W. SENECA ST.	607-277-5216		
City / **State** / **Zip Code**	**Site Contact**	**Lab Contact**	**Analysis (Attach list if more space is needed)**
ITHACA / NY / 14850	JESSE LICYN		
Project Name and Location (State)	**Carrier/Waybill Number**		
SCHENECTADY MGP/SCHENECTADY, NY			
Contract/Purchase Order/Quote No.			

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Containers & Preservatives: Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/ NaOH	TCL VOC (8260B)	TCL SVOC (8270C)	TAL Metals 6000-7000	Total CN 9012A	Special Instructions/ Conditions of Receipt
SB5C (80-81)	7/22/08	1500				X	2						X	X	X	X	
SB46 (8-10)	7/21/08	0920				X	2						X	X	X	X	

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal
☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months (A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required
☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☒ Other ROUTINE

QC Requirements (Specify)

	Relinquished By	Date	Time	Received By	Date	Time
1.		7/25/08	1505 EDT			
2.						
3.						

Comments

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TAL-4142 (0907)

Client	Project Manager	Date	Chain of Custody Number
ENSR	JAMES EDWARDS	8/4/08	395251
Address	**Telephone Number (Area Code)/Fax Number**	**Lab Number**	**Page 1 of 1**
1001 W. SENECA ST.	607-277-5716		
City / **State** / **Zip Code**	**Site Contact**	**Lab Contact**	
ITHACA / NY / 14850	JESSE LIEVEN		
Project Name and Location (State)	**Carrier/Waybill Number**		
SCHENECTADY MGP/SCHENECTADY, NY			
Contract/Purchase Order/Quote No.			

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Containers & Preservatives: Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/ NaOH	Analysis: TCL VOC (8260B)	TCL SVOC (8270C)	TAL METALS 6010-7470	TOTAL CN 9012A
SB46 (74-76)	7/31/08	1400				X	2						X	X	X	X
SB49 (8-10)	8/1/08	1015				X	2						X	X	X	X
SB49 (22-24)	8/1/08	1300				X	2						X	X	X	X
SB49 (28-30)	8/1/08	1315				X	2						X	X	X	X
SB49 (72-74)	8/1/08	1200				X	2						X	X	X	X

Special Instructions/ Conditions of Receipt

Possible Hazard Identification
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal
☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months
(A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required
☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☒ Other ~~ROUTINE~~

QC Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By	8/4/08	1600 FEDEX	1. Received By		
2. Relinquished By			2. Received By		
3. Relinquished By			3. Received By		

Comments

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

Air Toxics LTD.

CHAIN-OF-CUSTODY RECORD

Sample Transportation Notice
Relinquishing signature on this document indicates that sample is being shipped in compliance with all applicable local, State, Federal, national, and international laws, regulations and ordinances of any kind. Air Toxics Limited assumes no liability with respect to the collection, handling or shipping of these samples. Relinquishing signature also indicates agreement to hold harmless, defend, and indemnify Air Toxics Limited against any claim, demand, or action, of any kind, related to the collection, handling, or shipping of samples. D.O.T. Hotline (800) 467-4922

180 BLUE RAVINE ROAD, SUITE B
FOLSOM, CA 95630-4719
(916) 985-1000 FAX (916) 985-1020

Project Manager JAMES EDWARDS

Collected by: (Print and Sign) SCOTT HARRIGAN

Company ENSR Email jedwards@ensr.aecom.com

Address 601 N. SENECA ST. City ITHACA State NY Zip 14850

Phone 607-277-5716 Fax

Project Info:
P.O. # 04980-011-200
Project # 04980-011-200
Project Name SHENECTADY

Turn Around Time:
☒ Normal
☐ Rush
specify

Lab Use Only
Pressurized by:
Date:
Pressurization Gas: N_2 He

Lab I.D.	Field Sample I.D. (Location)	Can #	Date of Collection	Time of Collection	Analyses Requested	Canister Pressure/Vacuum Initial	Final	Receipt	Final (psi)
	SV-7	32111	8/27/08	0714/0871	TO-15+MGP Comps	-35	-4.5		
		4270	8/22/08	0716/0005	TO-15, MGP Comps	-35	-7		
	SV-9	5751	8/22/08	0717/0008	TO-15+ MGP Comps	-33	-6		

Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time
	8/28/08-1700		
Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time
Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time

Notes:

Lab Use Only	Shipper Name	Air Bill #	Temp (°C)	Condition	Custody Seals Intact? Yes No None	Work Order #

Chain of Custody Record

№ 0756

The RETEC Group, Inc.
1001 W. Seneca Street, Suite 204 • Ithaca, NY 14850-3342
(607) 277-5716 Phone • (607) 277-9057 Fax
www.retec.com

RETEC

Project Name: SYRACUSE RT	Project Number: C4980-011-200
Send Report To: JAMIE EDWARDS	Sampler (Print Name): SCOTT HARRIGAN
Address: 1001 W. SENECA ST.	Sampler (Print Name):
STE 204	Shipment Method: FEDEX
ITHACA, NY 14850	Airbill Number:
Phone: 607-277-5716	Laboratory Receiving:
Fax:	

Page 1 of 1

Purchase Order #:_____

Field Sample ID	Sample Date	Sample Time	Sample Matrix	Number of Containers	Analysis Requested: VOC (8260B)	SVOC (8270C)	TAL METALS (6010B/7470A)	TOTAL CYANIDE (9012A)	Comments, Special Instructions, etc.	Lab Sample ID (to be completed by lab)
SB51 (23.5-25.5)	9/4/08	1220	SOIL	2	X	X	X	X		

Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
		9/4/08	1700 FEDEX
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:

Sample Custodian Remarks (Completed By Laboratory):

QA/QC Level		Turnaround		Sample Receipt	
Level I	☐	Routine	☑	Total # Containers Received?	
Level II	☐	24 Hour	☐	COC Seals Present?	
Level III	☐	1 Week	☐	COC Seals Intact?	
Other	☐	Other _____		Received Containers Intact?	
				Temperature?	

White: Lab Copy Yellow: PM Copy Pink: Field Copy Gold: PM/QA/QC Copy

Chain of Custody Record

№ 0201

The RETEC Group, Inc.
1001 W. Seneca Street, Suite 204 • Ithaca, NY 14850-3342
(607) 277-5716 Phone • (607) 277-9057 Fax
www.retec.com

ENSR.

RETEC

Project Name: Schenectady MGP	Project Number:
Send Report To: James Edwards	Sampler (Print Name): Edwards
Address: 1001 W Seneca	Sampler (Print Name):
	Shipment Method:
	Airbill Number:
Phone: 607 277 5716	Laboratory Receiving:
Fax: 9057	

Page 1 of 1

Purchase Order #:

Field Sample ID	Sample Date	Sample Time	Sample Matrix	Number of Containers	VOC - 8260B	SVOC - 8270C	TAL Metals - 6000, 7000	Total CN - 9012A	Comments, Special Instructions, etc.	Lab Sample ID (to be completed by lab)
SB45 (8-10)	10/6/08	1600	Soil	3	X	X	X	X	NYSDEC ASP CAT	
SB45 (20-22)	10/7/08	1200	Soil	3	X	X	X	X	B Data	PACKAGE
SB41 (15-17)	10/8/08	1530	Soil	3	X	X	X	X		
SB44 (20-22)	10/8/08	1545	Soil	3	X	X	X	X		

Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
James M. Edwards	Fedex	10.9.08	
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:

Sample Custodian Remarks (Completed By Laboratory):

QA/QC Level		Turnaround	
Level I	☐	Routine	☐
Level II	☐	24 Hour	☐
Level III	☐	1 Week	☐
Other	☐	Other _____	

Sample Receipt	
Total # Containers Received?	
COC Seals Present?	
COC Seals Intact?	
Received Containers Intact?	
Temperature?	

White: Lab Copy Yellow: PM Copy Pink: Field Copy Gold: PM/QA/QC Copy

Chain of Custody Record

NO 0202

The RETEC Group, Inc.
1001 W. Seneca Street, Suite 204 • Ithaca, NY 14850-3342
(607) 277-5716 Phone • (607) 277-9057 Fax
www.retec.com

RETEC

Project Name: SCHENECTADY M&P	Project Number:
Send Report To: JAMES EDWARDS	Sampler (Print Name): EDWARDS
Address: ABOVE	Sampler (Print Name):
	Shipment Method: FEDEX
	Airbill Number:
Phone:	Laboratory Receiving: TA PA
Fax:	

Page ____ of ____

Purchase Order #: _____

Field Sample ID	Sample Date	Sample Time	Sample Matrix	Number of Containers	Analysis Requested: TCL VOC 8260B	TCL SVOC 8270B	Total Cyanide	TAL Metals	Comments, Special Instructions, etc.	Lab Sample ID (to be completed by lab)
SB40 (14-16)	10.9.08	1220	Soil	3	X	X	X	X		
SB40 (50-52)	10.9.08	1650	Soil	3	X	X	X	X		
SB36 (10-12)	10.10.08	1100	Soil	3	X	X	X	X		

Relinquished by: (Signature) James M. Edwards	Received by: (Signature) FedEx	Date: 10.10.08	Time: 1700
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:

Sample Custodian Remarks (Completed By Laboratory):

QA/QC Level		Turnaround	
Level I	☐	Routine	☐
Level II	☐	24 Hour	☐
Level III	☐	1 Week	☐
Other	☐	Other _____	

Sample Receipt	
Total # Containers Received?	
COC Seals Present?	
COC Seals Intact?	
Received Containers Intact?	
Temperature?	

White: Lab Copy Yellow: PM Copy Pink: Field Copy Gold: PM/QA/QC Copy

ENSR.

Chain of Custody Record

№ 0211

The RETEC Group, Inc.
1001 W. Seneca Street, Suite 204 • Ithaca, NY 14850-3342
(607) 277-5716 Phone • (607) 277-9057 Fax
www.retec.com

RETEC

Project Name: Schenectady	Project Number:
Send Report To: James Edwards	Sampler (Print Name): Jesse Lloyd
Address: Above Address	Sampler (Print Name):
	Shipment Method: E-DEX
	Airbill Number:
Phone:	Laboratory Receiving: Test America Pittsburgh
Fax:	

Page 1 of 1

Purchase Order #: _____

Field Sample ID	Sample Date	Sample Time	Sample Matrix	Number of Containers	Analysis Requested: VOCs 8260B	SVOCs 8270C	TAL Metals Total + CN- 6012A	Comments, Special Instructions, etc.	Lab Sample ID (to be completed by lab)
SB36(17.5-20)	10-13-08	1100	Soil	3	↓	↓	↓		
SB36(32.5-35)	10-13-08	1130							
SB37(11-12)	10-15-08	1530							
SB37(57-60)	10-14-08	1135							
SB32 (20-22.5)	10-15-08	1420							
SB32(45-47.5)	10-15-08	1600							

Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
Jesse Lloyd		10-15-08	1500
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:

Sample Custodian Remarks (Completed By Laboratory):

QA/QC Level		Turnaround	
Level I	☐	Routine	☑
Level II	☐	24 Hour	☐
Level III	☐	1 Week	☐
Other	☐	Other _____	

Sample Receipt	
Total # Containers Received?	
COC Seals Present?	
COC Seals Intact?	
Received Containers Intact?	
Temperature?	

White: Lab Copy Yellow: PM Copy Pink: Field Copy Gold: PM/QA/QC Copy

Chain of Custody Record

№ 0203

The RETEC Group, Inc.
1001 W. Seneca Street, Suite 204 • Ithaca, NY 14850-3342
(607) 277-5716 Phone • (607) 277-9057 Fax
www.retec.com

ENSR RETEC

Project Name: SCHENECTADY ICI	Project Number: 04980-011
Send Report To: JAMES EDWARDS	Sampler (Print Name): SCOTT HARRIGAN
Address: 1001 W SENECA ST	Sampler (Print Name): JESSE LLOYD
SUITE 204	Shipment Method: FEDEX
ITHACA, NY 14850	Airbill Number:
Phone: 607 277-5716	Laboratory Receiving: TEST AMERICA
Fax: 607-277-9057	PITTSBURGH

Page 1 of 1

Purchase Order #: _____

Field Sample ID	Sample Date	Sample Time	Sample Matrix	Number of Containers	Analysis Requested: VOC (8260B)	SVOC (8270C)	TAL METALS	TOTAL CN (9012A)	Comments, Special Instructions, etc.	Lab Sample ID (to be completed by lab)
SB 35 (22.5-25)	10/16/08	0930	SOIL	3	X	X	X	X		
SB 35 (45-47.5)	10/16/08	1400	SOIL	3	X	X	X	X		
SB 31 (25-27.5)	10/17/08	1150	SOIL	3	X	X	X	X		
SB 31 (47.5-50)	10/17/08	1210	SOIL	3	X	X	X	X		

Relinquished by: (Signature)	Received by: (Signature)	Date: 10/17/08	Time: 1700 FEDEX	Sample Custodian Remarks (Completed By Laboratory):
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:	
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:	

QA/QC Level		Turnaround		Sample Receipt	
Level I	☐	Routine	☒	Total # Containers Received?	
Level II	☐	24 Hour	☐	COC Seals Present?	
Level III	☐	1 Week	☐	COC Seals Intact?	
Other	☐	Other _____		Received Containers Intact?	
				Temperature?	

White: Lab Copy Yellow: PM Copy Pink: Field Copy Gold: PM/QA/QC Copy

C8J220183

Chain of Custody Record

№ 0203

The RETEC Group, Inc.
1001 W. Seneca Street, Suite 204 • Ithaca, NY 14850-3342
(607) 277-5716 Phone • (607) 277-9057 Fax
www.retec.com

ENSR RETEC

Project Name: SCHENECTADY, NY	Project Number: 04980-011
Send Report To: JAMES EDWARDS	Sampler (Print Name): SCOTT HARRIGAN
Address: 1001 W. SENECA ST.	Sampler (Print Name): JESSE LLOYD
SUITE 204	Shipment Method: FEDEX
ITHACA, NY 14850	Airbill Number:
Phone: 607-277-5716	Laboratory Receiving: TEST AMERICA
Fax: 607-277-9057	PITTSBURGH

Page 1 of 1

Purchase Order #:

Field Sample ID	Sample Date	Sample Time	Sample Matrix	Number of Containers	Analysis Requested: VOC (8260B)	SVOC (8270C)	TAL METALS	Total CN (9012A)	Comments, Special Instructions, etc.	Lab Sample ID (to be completed by lab)
SB38 (22.5-25)	10/16/08	0930	SOIL	3	X	X	X	X		
SB38 (45-47.5)	10/16/08	1400	SOIL	3	X	X	X	X		
SB31 (25-27.5)	10/17/08	1150	SOIL	3	X	X	X	X		
SB31 (47.5-50)	10/17/08	1210	SOIL	3	X	X	X	X		
SB39 (32.5-35)	10/20/08	1350	SOIL	3	X	X	X	X		
SB39 (47.5-50)	10/20/08	1640	SOIL	3	X	X	X	X		

Relinquished by: (Signature)	Received by: (Signature) 10/20/08	Date:	Time: 1700 FEDEX
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
Relinquished by: (Signature)	Received by: (Signature) Patrick R. Daun	Date: 10/21/08	Time: 1000

Sample Custodian Remarks (Completed By Laboratory):

QA/QC Level		Turnaround	
Level I	☐	Routine	☒
Level II	☐	24 Hour	☐
Level III	☐	1 Week	☐
Other	☐	Other ____	

Sample Receipt	
Total # Containers Received?	
COC Seals Present?	
COC Seals Intact?	
Received Containers Intact?	
Temperature?	

White: Lab Copy Yellow: PM Copy Pink: Field Copy Gold: PM/QA/QC Copy

6

(1 - 122)

Chain of Custody Record

SEVERN TRENT **STL**

Severn Trent Laboratories, Inc.

STL-4124 (0901)

Client: AECOM (ENSR) ITHACA	Project Manager: JAMES EDWARDS	Date: 10/27/08	Chain of Custody Number: 257740
Address: 1001 W. SENECA ST.	Telephone Number (Area Code)/Fax Number: 607-277-5716	Lab Number:	Page 1 of 1
City: ITHACA / State: NY / Zip Code: 14850	Site Contact: JESSE LIGHT	Lab Contact:	
Project Name and Location (State): CLINTON ST. MGP, SCHENECTADY, NY	Carrier/Waybill Number:		
Contract/Purchase Order/Quote No.: C4980-011-200			

Analysis (Attach list if more space is needed)

Special Instructions/ Conditions of Receipt

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Containers & Preservatives: Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/ NaOH	TCL VOC (8260B)	TCL SVOC (8270C)	TAL Metals (6010B / 7000A)	TCN (9012A)
SB34 (32.5-35)	10/21/08	1130				X	X3						X	X	X	X
SB34 (42.5-45)	10/21/08	1330				X	X3						X	X	X	X
SB33 (22.5-25)	10/22/08	1045				X	X3						X	X	X	X
SB33 (35-37.5)	10/22/08	1100				X	X3						X	X	X	X
SB28 (33.5-35)	10/23/08	1330				X	X3						X	X	X	X
SB28 (47.5-50)	10/23/08	1400				X	X3						X	X	X	X
SB30 (41.5-43.5)	10/27/08	1136				X	X3						X	X	X	X
SB300 (41.5-43.5)	10/27/08	1135				X	X3						X	X	X	X
SB30 (50-52.5)	10/27/08	1430				X	X3						X	X	X	X

Possible Hazard Identification: ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal: ☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months (A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required: ☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☒ Other ROUTINE

QC Requirements (Specify):

	Date	Time		Date	Time
1. Relinquished By (AECOM)	10/27/08	1700-FEDEX	1. Received By		
2. Relinquished By			2. Received By		
3. Relinquished By			3. Received By		

Comments:

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

Chain of Custody Record

SEVERN TRENT **STL**

Severn Trent Laboratories, Inc.

STL-4124 (0901)

Client: AECOM ITHACA	Project Manager: JAMES EDWARDS	Date: 10/21/08	Chain of Custody Number: 315519
Address: 1001 W. SENECA ST., SUITE 204	Telephone Number (Area Code)/Fax Number: 607-277-5716	Lab Number:	Page 1 of 1
City: ITHACA / State: NY / Zip Code: 14850	Site Contact: JESSE (LOUD)	Lab Contact:	
Project Name and Location (State): SCHENECTADY MGP / SCHENECTADY, NY	Carrier/Waybill Number:		
Contract/Purchase Order/Quote No.: 04980-011-2CC			

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Other	Containers & Preservatives: Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	Other	Analysis (Attach list if more space is needed): VOC (8260B)	SVOC (8270C)	TAL METALS Good 2CC	TOTAL CN 9012B								Special Instructions/ Conditions of Receipt
SB26 (35-37.5)	10/29/08	1400				X		3							X	X	X	X								
SB48 (9-10)	10/31/08	1340				X		3							X	X	X	X								
SB48 (27.5-30)	10/31/08	1430				X		3							X	X	X	X								

Possible Hazard Identification

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal

☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months (A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required

☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☒ Other ROUTINE

QC Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By	10/31/08	1850	1. Received By		
2. Relinquished By			2. Received By		
3. Relinquished By			3. Received By		

FEDEX

Comments

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

Chain of Custody Record

№ 0204

The RETEC Group, Inc.
1001 W. Seneca Street, Suite 204 • Ithaca, NY 14850-3342
(607) 277-5716 Phone • (607) 277-9057 Fax
www.retec.com

RETEC

Project Name: SCHENECTADY MGP	Project Number: 04980-011-200
Send Report To: JAMES EDWARDS	Sampler (Print Name): SCOTT HANRAHAN
Address: 1001 W. SENECA ST.	Sampler (Print Name): JESSE LLOYD
SUITE 204	Shipment Method: FEDEX
ITHACA, NY 14850	Airbill Number:
Phone: 607-277-5716	Laboratory Receiving: TEST AMERICA PITTSBURGH
Fax:	

Page 1 of 1

Purchase Order #: _____

Field Sample ID	Sample Date	Sample Time	Sample Matrix	Number of Containers	TCL VOC (8260B)	TCL SVOC (8270C)	TAL Metals (6010C-7000)	Total CN 9012A	Comments, Special Instructions, etc.	Lab Sample ID (to be completed by lab)
SB43(40-42.5)	11/1/08	1100	Soil	3	X	X	X	X		
SB43(50-52.5)	11/1/08	1445	Soil	3	X	X	X	X		
SB35(40-41.5)	11/2/08	1555	Soil	3	X	X	X	X		
SB35(45-47.5)	11/2/08	1600	Soil	3	X	X	X	X		

Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
		11/3/08	1800 FEDEX
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:

Sample Custodian Remarks (Completed By Laboratory):

QA/QC Level		Turnaround	
Level I	☐	Routine	X
Level II	☐	24 Hour	☐
Level III	☐	1 Week	☐
Other	☐	Other _____	

Sample Receipt	
Total # Containers Received?	
COC Seals Present?	
COC Seals Intact?	
Received Containers Intact?	
Temperature?	

White: Lab Copy Yellow: PM Copy Pink: Field Copy Gold: PM/QA/QC Copy

Chain of Custody Record

SEVERN TRENT **STL**

Severn Trent Laboratories, Inc.

STL-4124 (0901)

Client	Project Manager	Date	Chain of Custody Number
AECOM ITHACA	JAMES EDWARDS	11/6/08	315532
Address 1001 W. SENECA ST.	**Telephone Number (Area Code)/Fax Number** 607-277-5716	**Lab Number**	**Page** 1 of 1
City ITHACA / **State** NY / **Zip Code** 14850	**Site Contact** JAMES EDWARDS	**Lab Contact**	**Analysis (Attach list if more space is needed)**
Project Name and Location (State) CLINTON ST. MGP, SCHENECTADY, NY	**Carrier/Waybill Number**		
Contract/Purchase Order/Quote No.			

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Containers & Preservatives: Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/ NaOH	TCL VOCs (SW846)	TCL SVOCs (8270C)	TAL Metals 6010B + Hg	TOTAL CN 9012A
SB47 (18-20.5)	11/4/08	1400				X	3						X	X	X	X
SB47 (38-40)	11/4/08	1430				X	3						X	X	X	X
SB44 (38-40)	11/5/08	1330				X	3						X	X	X	X
SB44D (38-40)	11/5/08	1335				X	4						X	X	X	X
SB44 (52.5-55)	11/5/08	1400				X	3						X	X	X	X
SB44 (52.5-55) MS	11/5/08	1405				X	2						X	X	X	X
SB44 (52.5-55) MSD	11/5/08	1405				X	2						X	X	X	X

Special Instructions/ Conditions of Receipt

Possible Hazard Identification

☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal

☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months (A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required

☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☒ Other ROUTINE

QC Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By	11/6/08	1700 - FIELD	1. Received By		
2. Relinquished By			2. Received By		
3. Relinquished By			3. Received By		

Comments

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

Chain of Custody Record

№ 093

The RETEC Group, Inc.
2550 Eisenhower Avenue • Eagleville, PA 19403-2331
(610) 650-8770 Phone • (610) 650-9001 Fax
www.retec.com

RETEC

Project Name: Schenectady	Project Number: NIM02-1911
Send Report To: James Edwards	Sampler (Print Name): Jesse Lloyd
Address: 1001 W. Seneca St	Sampler (Print Name): Scott Hausman
Suite 204	Shipment Method: FedEx
Ithaca, NY 14850	Airbill Number:
Phone: 607-277-5716	Laboratory Receiving: ATL
Fax: 607-277-9057	Start / End Time / Can #

Page 1 of 1

Purchase Order #: _____

Field Sample ID	Sample Date	Sample Time	Sample Matrix	Number of Gentainers	TO-15 + MCP Indicators: Indan, Indene, Naphthalene, 2-methylnaphthalene, TSP/pentane, 2,3-dimethylpentane, 224-trimethylpentane	Start P	End P	Comments, Special Instructions, etc.	Lab Sample ID (to be completed by lab)
SV01	11/14/06	1145	1416	32124	X	-32.0	-5.0		
SV02		1220	1515	9914	X	-30.0	-4.5		
SV02 DUP		1143	1418	34427	X	-29.0	-5.0		
SV03		1156	1500	33987	X	-29.5	-5.0		
SV04		1150	1423	9944	X	-30.0	-5.0		
AMB01	↓	1148	1415	9925	X	-26.0	-4.5		

Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
[signature]	FedEx	11/15/06	1200
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:

Sample Custodian Remarks (Completed By Laboratory):

QA/QC Level	Turnaround
Level I ☐	Routine ☒
Level II ☐	24 Hour ☐
Level III ☐	1 Week ☐
Other ☐	Other _____

Sample Receipt	
Total # Containers Received?	
COC Seals Present?	
COC Seals Intact?	
Received Containers Intact?	
Temperature?	

White: Lab Copy Yellow: PM Copy Pink: Field Copy Gold: PM/QA/QC Copy

Chain of Custody Record

Temperature on Receipt _____

Drinking Water? Yes ☐ No ☐

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TAL-4124 (1007)

Client	Project Manager	Date	Chain of Custody Number
AECOM ENVIRONMENT	JAMES EDWARDS		093194
Address	**Telephone Number (Area Code)/Fax Number**	**Lab Number**	**Page _____ of _____**
1001 W SENECA			
City / **State** / **Zip Code**	**Site Contact**	**Lab Contact**	
ITHACA			
Project Name and Location (State)	**Carrier/Waybill Number**		
SCHENECTADY NEP			
Contract/Purchase Order/Quote No.			

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Containers & Preservatives: Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/ NaOH	Analysis: VOC TCL 4.2	8260B	SVOC TCL 4.2	8270C	TAL metals	TOTAL CN
SB27 (23-23.5)	12.8.08	1015				X							X		X		X	X
SB27 (35-36)	12.8.08	1216				X							X		X		X	X
SB 53 (25-26)	12.8.08	1550				X							X		X		X	X
SB 54 (11-12)	12.9.08	830				X							X		X		X	X
SB 56 (11-12)	12.9.08	1030				X							X		X		X	X
SB 57 (11-12)	12.9.08	1115				X							X		X		X	X
SB 59 (15-16)	12.9.08	1200				X							X		X		X	X
SB 59 (23-24)	12.9.08	1245				X							X		X		X	X

Special Instructions/ Conditions of Receipt

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
(A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required
☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☐ Other _____

QC Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By: JAMES EDWARDS	12.10.08	1700	1. Received By: FedEx		
2. Relinquished By			2. Received By		
3. Relinquished By			3. Received By		

Comments

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

Chain of Custody Record

Temperature on Receipt _____

Drinking Water? Yes ☐ No ☒

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TAL-4124 (1007)

Client	Project Manager	Date	Chain of Custody Number
ENSR / AECOM	James Edwards	12/9/08	119001
Address	**Telephone Number (Area Code)/Fax Number**	**Lab Number**	**Page 1 of 2**
1001 W. Seneca ST	607 277-5716		
City / State / Zip Code	**Site Contact**	**Lab Contact**	**Analysis (Attach list if more space is needed)**
Ithaca / NY / 14850	K. Stahle		
Project Name and Location (State)	**Carrier/Waybill Number**		
Schenectady Former MGP (NY)			
Contract/Purchase Order/Quote No.			

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Containers & Preservatives: Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/ NaOH	Tc/SVOC 8270C	Tc/ VOC 8260B	Tc/Lead-Tc/5 6000-7000	Tc/1 CN 9012	Special Instructions/ Conditions of Receipt
MW-4	12/9/08	1530		X			2		1	3	1		X	X	X	X	
MW-1		1318		X									X	X	X	X	
MW-1D		1138		X									X	X	X	X	
MW-10		908		X									X	X	X	X	
MW-10 MS		910		X									X	X	X	X	
MW-10 MSD		915		X									X	X	X	X	
MW-2		900		X									X	X	X	X	
MW-2 MS		910		X									X	X	X	X	
MW-2 MSD		915		X									X	X	X	X	
MW-3		1045		X									X	X	X	X	
MW-5		1155		X									X	X	X	X	
MW-11D		1300		X									X	X	X	X	

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
(A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required
☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☐ Other _____

QC Requirements (Specify)

	Relinquished By	Date	Time	Received By	Date	Time
1.	[signature]	12/9/08	1630			
2.						
3.						

Comments

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

Chain of Custody Record

Temperature on Receipt _____

Drinking Water? Yes ☐ No ☒

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TAL-4124 (1007)

Client	Project Manager	Date	Chain of Custody Number
ENSR / AECOM	James Edwards	12/9/08	119000
Address	**Telephone Number (Area Code)/Fax Number**	**Lab Number**	**Page 2 of 2**
1001 W. Seneca ST	607-277-5716		
City	**State** / **Zip Code**	**Site Contact**	**Lab Contact**
Ithaca	NY / 14850	K. Stahle	D. Dunlap
Project Name and Location (State)	**Carrier/Waybill Number**		
Schenectady Former MGP (NY)			
Contract/Purchase Order/Quote No.			

Analysis (Attach list if more space is needed)

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Containers & Preservatives: Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/ NaOH	VOC 8260 (MS)	TAL Metals 6010	Tot / (A) 9012										Special Instructions/ Conditions of Receipt
MW-6	12/9/08	1520		X					1	3	1		X	X	X										

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
(A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required
☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☐ Other _____

QC Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By	12/9/08	1630	1. Received By		
2. Relinquished By			2. Received By		
3. Relinquished By			3. Received By		

Comments

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

Chain of Custody Record

Temperature on Receipt _____

Drinking Water? Yes ☐ No ☒

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TAL-4124 (1007)

Client	Project Manager	Date	Chain of Custody Number
ENSR/AECOM	James Edwards	12/10/08	119002
Address	**Telephone Number (Area Code)/Fax Number**	**Lab Number**	**Page 1 of 1**
1001 W. Seneca ST	(607) 277-5716		
City / **State** / **Zip Code**	**Site Contact**	**Lab Contact**	
Ithaca / NY / 14850	K. Stable	D. Dunlap	
Project Name and Location (State)	**Carrier/Waybill Number**		
Schenectady Former MGP			
Contract/Purchase Order/Quote No.			

Analysis (Attach list if more space is needed)

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Containers & Preservatives: Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	TCL SVOC 8270C	TCL VOC 8260B	TAL Metals 6010C - 7000	TAL Cyanide 9012	Special Instructions/ Conditions of Receipt
MW-6	12/10/08	0730		X			2						X				
MW-12	12/10/08	0900		X			2		1	3	1		X	X	X	X	
MW-12D	12/10/08	0955		X			2		1	3	1		X	X	X	X	
MW-7D	12/10/08	1100		X			2		1	3	1		X	X	X	X	
MW-7	12/10/08	1145		X			2		1	3	1		X	X	X	X	
CTM-14	12/10/08	834		X			2		1	3	1		X	X	X	X	
CTM-MW-1	12/10/08	1155		X			2		1	3	1		X	X	X	X	
MW-9	12/10/08	1012		X			2		1	3	1		X	X	X	X	
MW-13D	12/10/08	1430		X			2		1	3	1		X	X	X	X	
TRIP BLANK																	
MW-16D	12/10/08	1440		X			2		1	3	1		X	X	X	X	
MW-1600D	12/10/08	1600		X			2		1	3	1		X	X	X	X	

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months (A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required
☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☐ Other _____

QC Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By	12/10/08	1630	1. Received By		
2. Relinquished By			2. Received By		
3. Relinquished By			3. Received By		

Comments

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

Chain of Custody Record

Temperature on Receipt _____

Drinking Water? Yes ☐ No ☒

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TAL-4124 (1007)

Client	Project Manager	Date	Chain of Custody Number
ENSR/AECOM	James Edwards (607) 277-5716	12/11/08	119003
Address	**Telephone Number (Area Code)/Fax Number**	**Lab Number**	**Page 1 of 1**
1001 W. Seneca ST.			
City / **State** / **Zip Code**	**Site Contact**	**Lab Contact**	**Analysis (Attach list if more space is needed)**
Ithaca / NY / 14850	K. Stahle	D. Dunlap	
Project Name and Location (State)	**Carrier/Waybill Number**		
Schenectady Former MGP (NY)			
Contract/Purchase Order/Quote No.			

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Containers & Preservatives: Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/ NaOH	F/ SVOC 8270C	F/ VOC 8260B	T/A Metals 6000-7000	T/A Cyanide 9012A	Special Instructions/ Conditions of Receipt
TRIP BLANK	12/11/08																
MW-14D	12/11/08	830		X			2		1	3	1		X	X	X	X	
MW-14	12/11/08	930		X			2		1	3	1		X	X	X	X	
MW-1400	12/11/08	1300		X			2		1	3	1		X	X	X	X	
MW-8	12/11/08	1045		X			2		1	3	1		X	X	X	X	
MW-8D	12/11/08	1130		X			2		1	3	1		X	X	X	X	
CTM-1	12/11/08	902		X			2		1	3	1		X	X	X	X	
CTM-15	12/11/08	1147		X			2		1	3	1		X	X	X	X	
MW-15D	12/11/08	1023		X			2		1	3	1		X	X	X	X	

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months (A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required
☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☐ Other _____

QC Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By	12/11/08	1400	1. Received By		
2. Relinquished By			2. Received By		
3. Relinquished By			3. Received By		

Comments

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

2008 Form 1 Laboratory Reports - Soil

ENSR International

Client Sample ID: TP10(29)E(8-8.5)

GC/MS Volatiles

Lot-Sample #...:	C8G160152-001	Work Order #...:	KRK1G1AC	Matrix.....:	SO
Date Sampled...:	07/14/08	Date Received..:	07/16/08	MS Run #.....:	8199042
Prep Date.....:	07/17/08	Analysis Date..:	07/17/08		
Prep Batch #...:	8199067	Analysis Time..:	12:13		
Dilution Factor:	1	Initial Wgt/Vol:	5 g	Final Wgt/Vol..:	5 mL
% Moisture.....:	12	Analyst ID.....:	010099	Instrument ID..:	HP3
		Method.....:	SW846 8260B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	23	ug/kg	5.7
Benzene	ND	5.7	ug/kg	0.77
Bromodichloromethane	ND	5.7	ug/kg	0.64
Bromoform	ND	5.7	ug/kg	0.50
Bromomethane	ND	5.7	ug/kg	0.84
2-Butanone	ND	5.7	ug/kg	1.0
Carbon disulfide	ND	5.7	ug/kg	0.58
Carbon tetrachloride	ND	5.7	ug/kg	0.51
Chlorobenzene	ND	5.7	ug/kg	0.86
Chloroethane	ND	5.7	ug/kg	1.8
Chloroform	ND	5.7	ug/kg	0.67
Chloromethane	ND	5.7	ug/kg	0.97
Cyclohexane	ND	5.7	ug/kg	0.42
Dibromochloromethane	ND	5.7	ug/kg	0.81
1,2-Dibromo-3-chloro-propane	ND	5.7	ug/kg	0.85
1,2-Dibromoethane	ND	5.7	ug/kg	0.98
1,3-Dichlorobenzene	ND	5.7	ug/kg	0.75
1,4-Dichlorobenzene	ND	5.7	ug/kg	0.73
1,2-Dichlorobenzene	ND	5.7	ug/kg	0.91
Dichlorodifluoromethane	ND	5.7	ug/kg	0.76
1,1-Dichloroethane	ND	5.7	ug/kg	0.66
1,2-Dichloroethane	ND	5.7	ug/kg	0.70
1,1-Dichloroethene	ND	5.7	ug/kg	0.97
cis-1,2-Dichloroethene	ND	5.7	ug/kg	0.80
trans-1,2-Dichloroethene	ND	5.7	ug/kg	0.68
1,2-Dichloropropane	ND	5.7	ug/kg	0.62
cis-1,3-Dichloropropene	ND	5.7	ug/kg	0.77
trans-1,3-Dichloropropene	ND	5.7	ug/kg	0.68
Ethylbenzene	ND	5.7	ug/kg	0.73
2-Hexanone	ND	5.7	ug/kg	0.79
Isopropylbenzene	ND	5.7	ug/kg	0.77
Methyl acetate	ND	5.7	ug/kg	1.0
Methylene chloride 5.7 U	~~1.0 J~~	**5.7**	**ug/kg**	**0.77**
Methylcyclohexane	ND	5.7	ug/kg	0.83
4-Methyl-2-pentanone	ND	5.7	ug/kg	0.74
Methyl tert-butyl ether	ND	5.7	ug/kg	0.85

(Continued on next page)

ENSR International

Client Sample ID: TP10(29)E(8-8.5)

GC/MS Volatiles

Lot-Sample #...: C8G160152-001 **Work Order #...:** KRK1G1AC **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Styrene	ND	5.7	ug/kg	0.61
1,1,2,2-Tetrachloroethane	ND	5.7	ug/kg	0.82
1,2,4-Trichloro-benzene	ND	5.7	ug/kg	1.0
Tetrachloroethene	ND	5.7	ug/kg	0.78
1,1,1-Trichloroethane	ND	5.7	ug/kg	0.55
1,1,2-Trichloroethane	ND	5.7	ug/kg	0.95
Trichloroethene	ND	5.7	ug/kg	0.75
Trichlorofluoromethane	ND	5.7	ug/kg	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	5.7	ug/kg	1.2
Vinyl chloride	ND	5.7	ug/kg	0.54
Xylenes (total)	ND	17	ug/kg	2.6
Toluene	ND	5.7	ug/kg	0.83

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	101	(52 - 124)
Toluene-d8	95	(72 - 127)
4-Bromofluorobenzene	93	(63 - 120)
Dibromofluoromethane	89	(68 - 121)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

ENSR International

Client Sample ID: TP10(29)E(8-8.5)

GC/MS Semivolatiles

Lot-Sample #...:	C8G160152-001	**Work Order #...:**	KRK1G1AD	**Matrix.....:**	SO
Date Sampled...:	07/14/08 08:00	**Date Received..:**	07/16/08 09:30	**MS Run #.....:**	8203002
Prep Date.....:	07/21/08	**Analysis Date..:**	07/22/08		
Prep Batch #...:	8203010	**Analysis Time..:**	09:52		
Dilution Factor:	4	**Initial Wgt/Vol:**	15 g	**Final Wgt/Vol..:**	0.5 mL
% Moisture.....:	12	**Analyst ID.....:**	003200	**Instrument ID..:**	731
		Method.....:	SW846 8270C		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	1500	ug/kg	79
Acenaphthylene	**280 J**	**1500**	**ug/kg**	**88**
Acetophenone	ND	1500	ug/kg	92
Anthracene	**490 J**	**1500**	**ug/kg**	**86**
Atrazine	ND	1500	ug/kg	100
Benzo(a)anthracene	**2700**	**1500**	**ug/kg**	**60**
Benzo(a)pyrene	**2900**	**1500**	**ug/kg**	**47**
Benzo(b)fluoranthene	**4100**	**1500**	**ug/kg**	**58**
Benzo(ghi)perylene	**1500**	**1500**	**ug/kg**	51
Benzo(k)fluoranthene	ND	1500	ug/kg	48
Benzaldehyde	ND 1500 UJ	1500	ug/kg	160
1,1'-Biphenyl	ND	1500	ug/kg	83
bis(2-Chloroethoxy) methane	ND	1500	ug/kg	71
bis(2-Chloroethyl)-ether	ND	1500	ug/kg	34
bis(2-Ethylhexyl) phthalate	ND	1500	ug/kg	120
4-Bromophenyl phenyl ether	ND	1500	ug/kg	68
Butyl benzyl phthalate	ND	1500	ug/kg	120
Caprolactam	ND	1500	ug/kg	290
Carbazole	**65 J**	**1500**	**ug/kg**	**62**
4-Chloroaniline	ND	1500	ug/kg	130
4-Chloro-3-methylphenol	ND	1500	ug/kg	92
2-Chloronaphthalene	ND	1500	ug/kg	88
2-Chlorophenol	ND	1500	ug/kg	76
4-Chlorophenyl phenyl ether	ND	1500	ug/kg	75
Chrysene	**2300**	**1500**	**ug/kg**	**60**
Dibenz(a,h)anthracene	**400 J**	**1500**	**ug/kg**	**96**
Dibenzofuran	**150 J**	**1500**	**ug/kg**	**84**
3,3'-Dichlorobenzidine	ND	7300	ug/kg	340
2,4-Dichlorophenol	ND	1500	ug/kg	45
Diethyl phthalate	ND	1500	ug/kg	140
2,4-Dimethylphenol	ND	1500	ug/kg	65
Dimethyl phthalate	ND	1500	ug/kg	86

(Continued on next page)

ENSR International

Client Sample ID: TP10(29)E(8-8.5)

GC/MS Semivolatiles

Lot-Sample #...: C8G160152-001 **Work Order #...:** KRK1G1AD **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-butyl phthalate	ND	1500	ug/kg	250
4,6-Dinitro-2-methylphenol	ND	7300	ug/kg	1100
2,4-Dinitrophenol	ND	7300	ug/kg	1800
2,4-Dinitrotoluene	ND	1500	ug/kg	78
2,6-Dinitrotoluene	ND	1500	ug/kg	97
Di-n-octyl phthalate	ND	1500	ug/kg	110
Fluoranthene	**4100**	**1500**	**ug/kg**	**98**
Fluorene	**200 J**	**1500**	**ug/kg**	**73**
Hexachlorobenzene	ND	1500	ug/kg	91
Hexachlorobutadiene	ND	1500	ug/kg	93
Hexachlorocyclopentadiene	ND	7300	ug/kg	69
Hexachloroethane	ND	1500	ug/kg	68
Indeno(1,2,3-cd)pyrene	**1300 J**	**1500**	**ug/kg**	**54**
Isophorone	ND	1500	ug/kg	84
2-Methylnaphthalene	**91 J**	**1500**	**ug/kg**	**84**
2-Methylphenol	ND	1500	ug/kg	95
4-Methylphenol	ND	1500	ug/kg	95
Naphthalene	**180 J**	**1500**	**ug/kg**	**73**
2-Nitroaniline	ND	7300	ug/kg	91
3-Nitroaniline	ND	7300	ug/kg	130
4-Nitroaniline	ND	7300	ug/kg	64
Nitrobenzene	ND	1500	ug/kg	38
2-Nitrophenol	ND	1500	ug/kg	120
4-Nitrophenol	ND	7300	ug/kg	120
N-Nitrosodi-n-propylamine	ND	1500	ug/kg	37
N-Nitrosodiphenylamine	ND	1500	ug/kg	82
2,2'-oxybis(1-Chloropropane)	ND	1500	ug/kg	91
Pentachlorophenol	ND	7300	ug/kg	110
Phenanthrene	**1400 J**	**1500**	**ug/kg**	**73**
Phenol	ND	1500	ug/kg	91
Pyrene	**3600**	**1500**	**ug/kg**	**93**
2,4,5-Trichlorophenol	ND	1500	ug/kg	120
2,4,6-Trichlorophenol	ND	1500	ug/kg	120

(Continued on next page)

ENSR International

Client Sample ID: TP10(29)E(8-8.5)

GC/MS Semivolatiles

Lot-Sample #...: C8G160152-001 Work Order #...: KRK1G1AD Matrix.....: SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	65	(10 - 117)
2-Fluorobiphenyl	73	(20 - 109)
2-Fluorophenol	61	(10 - 113)
Nitrobenzene-d5	69	(18 - 106)
Phenol-d5	66	(18 - 113)
Terphenyl-d14	74	(10 - 138)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

ENSR International

Client Sample ID: TP10(29)E(8-8.5)

TOTAL Metals

Lot-Sample #...: C8G160152-001 Matrix.....: SO
Date Sampled...: 07/14/08 Date Received..: 07/16/08
% Moisture.....: 12

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8206318						
Silver	~~0.14 B,J~~ 0.57U	0.57	mg/kg	SW846 6010B	07/24-07/27/08	KRK1G1AE
		Dilution Factor: 1		Analysis Time..: 22:12	Analyst ID.....: 400149	
		Instrument ID..: TRACEICP		MS Run #.....: 8206196	MDL.....: 0.042	
Aluminum	3880 J	22.8	mg/kg	SW846 6010B	07/24-07/27/08	KRK1G1AF
		Dilution Factor: 1		Analysis Time..: 22:12	Analyst ID.....: 400149	
		Instrument ID..: TRACEICP		MS Run #.....: 8206196	MDL.....: 1.6	
Arsenic	3.8	1.1	mg/kg	SW846 6010B	07/24-07/27/08	KRK1G1AG
		Dilution Factor: 1		Analysis Time..: 22:12	Analyst ID.....: 400149	
		Instrument ID..: TRACEICP		MS Run #.....: 8206196	MDL.....: 0.26	
Barium	31.3	22.8	mg/kg	SW846 6010B	07/24-07/27/08	KRK1G1AH
		Dilution Factor: 1		Analysis Time..: 22:12	Analyst ID.....: 400149	
		Instrument ID..: TRACEICP		MS Run #.....: 8206196	MDL.....: 0.042	
Beryllium	~~0.36 B~~ 0.46U	0.46	mg/kg	SW846 6010B	07/24-07/27/08	KRK1G1AJ
		Dilution Factor: 1		Analysis Time..: 22:12	Analyst ID.....: 400149	
		Instrument ID..: TRACEICP		MS Run #.....: 8206196	MDL.....: 0.035	
Calcium	11500	571	mg/kg	SW846 6010B	07/24-07/27/08	KRK1G1AK
		Dilution Factor: 1		Analysis Time..: 22:12	Analyst ID.....: 400149	
		Instrument ID..: TRACEICP		MS Run #.....: 8206196	MDL.....: 28.7	
Cadmium	ND	0.57	mg/kg	SW846 6010B	07/24-07/27/08	KRK1G1AL
		Dilution Factor: 1		Analysis Time..: 22:12	Analyst ID.....: 400149	
		Instrument ID..: TRACEICP		MS Run #.....: 8206196	MDL.....: 0.054	
Cobalt	~~3.7 B~~ 5.7U	5.7	mg/kg	SW846 6010B	07/24-07/27/08	KRK1G1AM
		Dilution Factor: 1		Analysis Time..: 22:12	Analyst ID.....: 400149	
		Instrument ID..: TRACEICP		MS Run #.....: 8206196	MDL.....: 0.049	
Chromium	6.2	0.57	mg/kg	SW846 6010B	07/24-07/27/08	KRK1G1AN
		Dilution Factor: 1		Analysis Time..: 22:12	Analyst ID.....: 400149	
		Instrument ID..: TRACEICP		MS Run #.....: 8206196	MDL.....: 0.093	

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ENSR International

Client Sample ID: TP10(29)E(8-8.5)

TOTAL Metals

Lot-Sample #...: C8G160152-001 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Copper	29.1	2.9	mg/kg	SW846 6010B	07/24-07/27/08	KRK1G1AP
	Dilution Factor: 1	Analysis Time..: 22:12		Analyst ID.....: 400149		
	Instrument ID..: TRACEICP	MS Run #.....: 8206196		MDL.....: 0.16		
Iron	10700	11.4	mg/kg	SW846 6010B	07/24-07/27/08	KRK1G1AQ
	Dilution Factor: 1	Analysis Time..: 22:12		Analyst ID.....: 400149		
	Instrument ID..: TRACEICP	MS Run #.....: 8206196		MDL.....: 3.4		
Potassium	550 ~~B~~ J	571	mg/kg	SW846 6010B	07/24-07/27/08	KRK1G1AR
	Dilution Factor: 1	Analysis Time..: 22:12		Analyst ID.....: 400149		
	Instrument ID..: TRACEICP	MS Run #.....: 8206196		MDL.....: 57.1		
Magnesium	1590	571	mg/kg	SW846 6010B	07/24-07/27/08	KRK1G1AT
	Dilution Factor: 1	Analysis Time..: 22:12		Analyst ID.....: 400149		
	Instrument ID..: TRACEICP	MS Run #.....: 8206196		MDL.....: 1.5		
Manganese	167	1.7	mg/kg	SW846 6010B	07/24-07/27/08	KRK1G1AU
	Dilution Factor: 1	Analysis Time..: 22:12		Analyst ID.....: 400149		
	Instrument ID..: TRACEICP	MS Run #.....: 8206196		MDL.....: 0.031		
Sodium	173 ~~B~~ J	571	mg/kg	SW846 6010B	07/24-07/27/08	KRK1G1AV
	Dilution Factor: 1	Analysis Time..: 22:12		Analyst ID.....: 400149		
	Instrument ID..: TRACEICP	MS Run #.....: 8206196		MDL.....: 15.9		
Nickel	8.6	4.6	mg/kg	SW846 6010B	07/24-07/27/08	KRK1G1AW
	Dilution Factor: 1	Analysis Time..: 22:12		Analyst ID.....: 400149		
	Instrument ID..: TRACEICP	MS Run #.....: 8206196		MDL.....: 0.12		
Lead	67.2	0.34	mg/kg	SW846 6010B	07/24-07/27/08	KRK1G1AX
	Dilution Factor: 1	Analysis Time..: 22:12		Analyst ID.....: 400149		
	Instrument ID..: TRACEICP	MS Run #.....: 8206196		MDL.....: 0.18		
Selenium	ND	0.57	mg/kg	SW846 6010B	07/24-07/27/08	KRK1G1A0
	Dilution Factor: 1	Analysis Time..: 22:12		Analyst ID.....: 400149		
	Instrument ID..: TRACEICP	MS Run #.....: 8206196		MDL.....: 0.33		
Thallium	~~1.0 B~~ 1.1U	1.1	mg/kg	SW846 6010B	07/24-07/27/08	KRK1G1A1
	Dilution Factor: 1	Analysis Time..: 22:12		Analyst ID.....: 400149		
	Instrument ID..: TRACEICP	MS Run #.....: 8206196		MDL.....: 0.37		

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ENSR International

Client Sample ID: TP10(29)E(8-8.5)

TOTAL Metals

Lot-Sample #...: C8G160152-001 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	~~0.37 B~~ 1.10	1.1	mg/kg	SW846 6010B	07/24-07/27/08	KRK1G1A2
		Dilution Factor: 1		Analysis Time..: 22:12	Analyst ID.....: 400149	
		Instrument ID..: TRACEICP		MS Run #.....: 8206196	MDL.....: 0.10	
Vanadium	11.0	5.7	mg/kg	SW846 6010B	07/24-07/27/08	KRK1G1A3
		Dilution Factor: 1		Analysis Time..: 22:12	Analyst ID.....: 400149	
		Instrument ID..: TRACEICP		MS Run #.....: 8206196	MDL.....: 0.29	
Zinc	75.7 J	2.3	mg/kg	SW846 6010B	07/24-07/27/08	KRK1G1A4
		Dilution Factor: 1		Analysis Time..: 22:12	Analyst ID.....: 400149	
		Instrument ID..: TRACEICP		MS Run #.....: 8206196	MDL.....: 0.40	
Prep Batch #...: 8207028						
Mercury	0.51	0.038	mg/kg	SW846 7471A	07/25/08	KRK1G1A5
		Dilution Factor: 1		Analysis Time..: 09:30	Analyst ID.....: 031043	
		Instrument ID..: HGHYDRA		MS Run #.....: 8207021	MDL.....: 0.0081	

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.

ENSR International

Client Sample ID: TP10(31)E(8-8.5)

GC/MS Volatiles

Lot-Sample #...:	C8G160152-002	**Work Order #...:**	KRK2P1AJ	**Matrix.....:**	SO
Date Sampled...:	07/14/08	**Date Received..:**	07/16/08	**MS Run #.....:**	8199042
Prep Date.....:	07/17/08	**Analysis Date..:**	07/17/08		
Prep Batch #...:	8199067	**Analysis Time..:**	13:02		
Dilution Factor:	1	**Initial Wgt/Vol:**	5 g	**Final Wgt/Vol..:**	5 mL
% Moisture.....:	15	**Analyst ID.....:**	010099	**Instrument ID..:**	HP3
		Method.....:	SW846 8260B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	24	ug/kg	5.9
Benzene	ND	5.9	ug/kg	0.79
Bromodichloromethane	ND	5.9	ug/kg	0.66
Bromoform	ND	5.9	ug/kg	0.52
Bromomethane	ND	5.9	ug/kg	0.87
2-Butanone	ND	5.9	ug/kg	1.0
Carbon disulfide	ND	5.9	ug/kg	0.60
Carbon tetrachloride	ND	5.9	ug/kg	0.53
Chlorobenzene	ND	5.9	ug/kg	0.89
Chloroethane	ND	5.9	ug/kg	1.8
Chloroform	ND	5.9	ug/kg	0.69
Chloromethane	ND	5.9	ug/kg	1.0
Cyclohexane	ND	5.9	ug/kg	0.44
Dibromochloromethane	ND	5.9	ug/kg	0.83
1,2-Dibromo-3-chloro-propane	ND	5.9	ug/kg	0.88
1,2-Dibromoethane	ND	5.9	ug/kg	1.0
1,3-Dichlorobenzene	ND	5.9	ug/kg	0.77
1,4-Dichlorobenzene	ND	5.9	ug/kg	0.75
1,2-Dichlorobenzene	ND	5.9	ug/kg	0.94
Dichlorodifluoromethane	ND	5.9	ug/kg	0.78
1,1-Dichloroethane	ND	5.9	ug/kg	0.68
1,2-Dichloroethane	ND	5.9	ug/kg	0.72
1,1-Dichloroethene	ND	5.9	ug/kg	1.0
cis-1,2-Dichloroethene	ND	5.9	ug/kg	0.83
trans-1,2-Dichloroethene	ND	5.9	ug/kg	0.70
1,2-Dichloropropane	ND	5.9	ug/kg	0.64
cis-1,3-Dichloropropene	ND	5.9	ug/kg	0.80
trans-1,3-Dichloropropene	ND	5.9	ug/kg	0.70
Ethylbenzene	ND	5.9	ug/kg	0.76
2-Hexanone	ND	5.9	ug/kg	0.81
Isopropylbenzene	ND	5.9	ug/kg	0.80
Methyl acetate	ND	5.9	ug/kg	1.1
Methylene chloride	5.9 U ~~0.91 J~~	**5.9**	**ug/kg**	**0.79**
Methylcyclohexane	ND	5.9	ug/kg	0.85
4-Methyl-2-pentanone	ND	5.9	ug/kg	0.77
Methyl tert-butyl ether	ND	5.9	ug/kg	0.88

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KNSR International

Client Sample ID: TP10(31)E(8-8.5)

GC/MS Volatiles

Lot-Sample #...: C8G160152-002 **Work Order #...:** KRK2P1AJ **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Styrene	ND	5.9	ug/kg	0.63
1,1,2,2-Tetrachloroethane	ND	5.9	ug/kg	0.85
1,2,4-Trichloro-benzene	ND	5.9	ug/kg	1.0
Tetrachloroethene	ND	5.9	ug/kg	0.80
1,1,1-Trichloroethane	ND	5.9	ug/kg	0.57
1,1,2-Trichloroethane	ND	5.9	ug/kg	0.98
Trichloroethene	ND	5.9	ug/kg	0.77
Trichlorofluoromethane	ND	5.9	ug/kg	1.1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	5.9	ug/kg	1.3
Vinyl chloride	ND	5.9	ug/kg	0.55
Xylenes (total)	ND	18	ug/kg	2.6
Toluene	ND	5.9	ug/kg	0.86

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	103	(52 - 124)
Toluene-d8	93	(72 - 127)
4-Bromofluorobenzene	94	(63 - 120)
Dibromofluoromethane	92	(68 - 121)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

ENSR International

Client Sample ID: TP10(31)B(8-8.5)

GC/MS Semivolatiles

Lot-Sample #...:	C8G160152-002	Work Order #...:	KRK2P1AK	Matrix.....:	SO
Date Sampled...:	07/14/08 08:00	Date Received..:	07/16/08 09:30	MS Run #.....:	8203002
Prep Date.....:	07/21/08	Analysis Date..:	07/22/08		
Prep Batch #...:	8203010	Analysis Time..:	10:14		
Dilution Factor:	0.99	Initial Wgt/Vol:	15.2 g	Final Wgt/Vol..:	0.5 mL
% Moisture.....:	15	Analyst ID.....:	003200	Instrument ID..:	731
		Method.....:	SW846 8270C		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	**63 J**	**380**	**ug/kg**	**20**
Acenaphthylene	**160 J**	**380**	**ug/kg**	**22**
Acetophenone	ND	380	ug/kg	23
Anthracene	**330 J**	**380**	**ug/kg**	**22**
Atrazine	ND	380	ug/kg	27
Benzo(a)anthracene	**1900**	**380**	**ug/kg**	**15**
Benzo(a)pyrene	**1900**	**380**	**ug/kg**	**12**
Benzo(b)fluoranthene	**2800**	**380**	**ug/kg**	**15**
Benzo(ghi)perylene	**1100**	**380**	**ug/kg**	**13**
Benzo(k)fluoranthene	ND	380	ug/kg	12
Benzaldehyde	ND 390 UJ	380	ug/kg	41
1,1'-Biphenyl	ND	380	ug/kg	21
bis(2-Chloroethoxy) methane	ND	380	ug/kg	18
bis(2-Chloroethyl)-ether	ND	380	ug/kg	8.7
bis(2-Ethylhexyl) phthalate	ND	380	ug/kg	30
4-Bromophenyl phenyl ether	ND	380	ug/kg	17
Butyl benzyl phthalate	ND	380	ug/kg	31
Caprolactam	ND	380	ug/kg	73
Carbazole	**97 J**	**380**	**ug/kg**	**16**
4-Chloroaniline	ND	380	ug/kg	33
4-Chloro-3-methylphenol	ND	380	ug/kg	24
2-Chloronaphthalene	ND	380	ug/kg	22
2-Chlorophenol	ND	380	ug/kg	19
4-Chlorophenyl phenyl ether	ND	380	ug/kg	19
Chrysene	**1800**	**380**	**ug/kg**	**15**
Dibenz(a,h)anthracene	**210 J**	**380**	**ug/kg**	**25**
Dibenzofuran	**73 J**	**380**	**ug/kg**	**21**
3,3'-Dichlorobenzidine	ND	1900	ug/kg	87
2,4-Dichlorophenol	ND	380	ug/kg	12
Diethyl phthalate	ND	380	ug/kg	34
2,4-Dimethylphenol	ND	380	ug/kg	17
Dimethyl phthalate	ND	380	ug/kg	22

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ENSR International

Client Sample ID: TP10(31)E(8-8.5)

GC/MS Semivolatiles

Lot-Sample #...: C8G160152-002 Work Order #...: KRK2P1AK Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-butyl phthalate	ND	380	ug/kg	64
4,6-Dinitro-2-methylphenol	ND	1900	ug/kg	270
2,4-Dinitrophenol	ND	1900	ug/kg	460
2,4-Dinitrotoluene	ND	380	ug/kg	20
2,6-Dinitrotoluene	ND	380	ug/kg	25
Di-n-octyl phthalate	ND	380	ug/kg	27
Fluoranthene	**3000**	**380**	**ug/kg**	**25**
Fluorene	**92 J**	**380**	**ug/kg**	**19**
Hexachlorobenzene	ND	380	ug/kg	23
Hexachlorobutadiene	ND	380	ug/kg	24
Hexachlorocyclopentadiene	ND	1900	ug/kg	18
Hexachloroethane	ND	380	ug/kg	17
Indeno(1,2,3-cd)pyrene	**1000**	**380**	**ug/kg**	**14**
Isophorone	ND	380	ug/kg	21
2-Methylnaphthalene	**81 J**	**380**	**ug/kg**	**21**
2-Methylphenol	ND	380	ug/kg	24
4-Methylphenol	ND	380	ug/kg	24
Naphthalene	**110 J**	**380**	**ug/kg**	**19**
2-Nitroaniline	ND	1900	ug/kg	23
3-Nitroaniline	ND	1900	ug/kg	33
4-Nitroaniline	ND	1900	ug/kg	16
Nitrobenzene	ND	380	ug/kg	9.6
2-Nitrophenol	ND	380	ug/kg	31
4-Nitrophenol	ND	1900	ug/kg	30
N-Nitrosodi-n-propylamine	ND	380	ug/kg	9.5
N-Nitrosodiphenylamine	ND	380	ug/kg	21
2,2'-oxybis(1-Chloropropane)	ND	380	ug/kg	23
Pentachlorophenol	ND	1900	ug/kg	29
Phenanthrene	**1100**	**380**	**ug/kg**	**19**
Phenol	ND	380	ug/kg	23
Pyrene	**2600**	**380**	**ug/kg**	**24**
2,4,5-Trichlorophenol	ND	380	ug/kg	32
2,4,6-Trichlorophenol	ND	380	ug/kg	31

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KNSR International

Client Sample ID: TP10(31)E(8-8.5)

GC/MS Semivolatiles

Lot-Sample #...: C8G160152-002 Work Order #...: KRK2P1AK Matrix.....: SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	63	(10 - 117)
2-Fluorobiphenyl	64	(20 - 109)
2-Fluorophenol	59	(10 - 113)
Nitrobenzene-d5	62	(18 - 106)
Phenol-d5	64	(18 - 113)
Terphenyl-d14	67	(10 - 138)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

ENSR International

Client Sample ID: TP10(31)E(8-8.5)

TOTAL Metals

Lot-Sample #...: C8G160152-002 Matrix.....: SO
Date Sampled...: 07/14/08 Date Received..: 07/16/08
% Moisture.....: 15

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8206318						
Silver	~~0.13 B,J~~ 0.59 U	0.59	mg/kg	SW846 6010B	07/24-07/27/08	KRK2P1AL
		Dilution Factor: 1		Analysis Time..: 22:18	Analyst ID.....: 400149	
		Instrument ID..: TRACEICP		MS Run #.....: 8206196	MDL.....: 0.044	
Aluminum	3720 ~~J~~	23.5	mg/kg	SW846 6010B	07/24-07/27/08	KRK2P1AM
		Dilution Factor: 1		Analysis Time..: 22:18	Analyst ID.....: 400149	
		Instrument ID..: TRACEICP		MS Run #.....: 8206196	MDL.....: 1.7	
Arsenic	4.5	1.2	mg/kg	SW846 6010B	07/24-07/27/08	KRK2P1AN
		Dilution Factor: 1		Analysis Time..: 22:18	Analyst ID.....: 400149	
		Instrument ID..: TRACEICP		MS Run #.....: 8206196	MDL.....: 0.27	
Barium	40.8	23.5	mg/kg	SW846 6010B	07/24-07/27/08	KRK2P1AP
		Dilution Factor: 1		Analysis Time..: 22:18	Analyst ID.....: 400149	
		Instrument ID..: TRACEICP		MS Run #.....: 8206196	MDL.....: 0.043	
Beryllium	~~0.41 B~~ 0.47 U	0.47	mg/kg	SW846 6010B	07/24-07/27/08	KRK2P1AQ
		Dilution Factor: 1		Analysis Time..: 22:18	Analyst ID.....: 400149	
		Instrument ID..: TRACEICP		MS Run #.....: 8206196	MDL.....: 0.036	
Calcium	28400	588	mg/kg	SW846 6010B	07/24-07/27/08	KRK2P1AR
		Dilution Factor: 1		Analysis Time..: 22:18	Analyst ID.....: 400149	
		Instrument ID..: TRACEICP		MS Run #.....: 8206196	MDL.....: 29.6	
Cadmium	0.16 ~~B~~ J	0.59	mg/kg	SW846 6010B	07/24-07/27/08	KRK2P1AT
		Dilution Factor: 1		Analysis Time..: 22:18	Analyst ID.....: 400149	
		Instrument ID..: TRACEICP		MS Run #.....: 8206196	MDL.....: 0.055	
Cobalt	~~4.8 B~~ 5.9 U	5.9	mg/kg	SW846 6010B	07/24-07/27/08	KRK2P1AU
		Dilution Factor: 1		Analysis Time..: 22:18	Analyst ID.....: 400149	
		Instrument ID..: TRACEICP		MS Run #.....: 8206196	MDL.....: 0.051	
Chromium	5.9	0.59	mg/kg	SW846 6010B	07/24-07/27/08	KRK2P1AV
		Dilution Factor: 1		Analysis Time..: 22:18	Analyst ID.....: 400149	
		Instrument ID..: TRACEICP		MS Run #.....: 8206196	MDL.....: 0.096	

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ENSR International

Client Sample ID: TP10(31)E(8-8.5)

TOTAL Metals

Lot-Sample #...: C8G160152-002 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Copper	31.8	2.9	mg/kg	SW846 6010B	07/24-07/27/08	KRK2P1AW
		Dilution Factor: 1		Analysis Time..: 22:18	Analyst ID.....: 400149	
		Instrument ID..: TRACEICP		MS Run #.....: 8206196	MDL.....: 0.16	
Iron	11100	11.8	mg/kg	SW846 6010B	07/24-07/27/08	KRK2P1AX
		Dilution Factor: 1		Analysis Time..: 22:18	Analyst ID.....: 400149	
		Instrument ID..: TRACEICP		MS Run #.....: 8206196	MDL.....: 3.5	
Potassium	625	588	mg/kg	SW846 6010B	07/24-07/27/08	KRK2P1A0
		Dilution Factor: 1		Analysis Time..: 22:18	Analyst ID.....: 400149	
		Instrument ID..: TRACEICP		MS Run #.....: 8206196	MDL.....: 58.8	
Magnesium	1590	588	mg/kg	SW846 6010B	07/24-07/27/08	KRK2P1A1
		Dilution Factor: 1		Analysis Time..: 22:18	Analyst ID.....: 400149	
		Instrument ID..: TRACEICP		MS Run #.....: 8206196	MDL.....: 1.5	
Manganese	181	1.8	mg/kg	SW846 6010B	07/24-07/27/08	KRK2P1A2
		Dilution Factor: 1		Analysis Time..: 22:18	Analyst ID.....: 400149	
		Instrument ID..: TRACEICP		MS Run #.....: 8206196	MDL.....: 0.032	
Sodium	264 B J	588	mg/kg	SW846 6010B	07/24-07/27/08	KRK2P1A3
		Dilution Factor: 1		Analysis Time..: 22:18	Analyst ID.....: 400149	
		Instrument ID..: TRACEICP		MS Run #.....: 8206196	MDL.....: 16.4	
Nickel	10.5	4.7	mg/kg	SW846 6010B	07/24-07/27/08	KRK2P1A4
		Dilution Factor: 1		Analysis Time..: 22:18	Analyst ID.....: 400149	
		Instrument ID..: TRACEICP		MS Run #.....: 8206196	MDL.....: 0.12	
Lead	77.3	0.35	mg/kg	SW846 6010B	07/24-07/27/08	KRK2P1A5
		Dilution Factor: 1		Analysis Time..: 22:18	Analyst ID.....: 400149	
		Instrument ID..: TRACEICP		MS Run #.....: 8206196	MDL.....: 0.19	
Selenium	ND	0.59	mg/kg	SW846 6010B	07/24-07/27/08	KRK2P1AA
		Dilution Factor: 1		Analysis Time..: 22:18	Analyst ID.....: 400149	
		Instrument ID..: TRACEICP		MS Run #.....: 8206196	MDL.....: 0.34	
Thallium	~~0.60 B~~ 1.2 U	1.2	mg/kg	SW846 6010B	07/24-07/27/08	KRK2P1AC
		Dilution Factor: 1		Analysis Time..: 22:18	Analyst ID.....: 400149	
		Instrument ID..: TRACEICP		MS Run #.....: 8206196	MDL.....: 0.38	

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ENSR International

Client Sample ID: TP10(31)E(8-8.5)

TOTAL Metals

Lot-Sample #...: C8G160152-002 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	~~0.54 B~~ 1.2U	1.2	mg/kg	SW846 6010B	07/24-07/27/08	KRK2P1AD
		Dilution Factor: 1		Analysis Time..: 22:18	Analyst ID.....: 400149	
		Instrument ID..: TRACEICP		MS Run #.....: 8206196	MDL.....: 0.11	
Vanadium	10.7	5.9	mg/kg	SW846 6010B	07/24-07/27/08	KRK2P1AR
		Dilution Factor: 1		Analysis Time..: 22:18	Analyst ID.....: 400149	
		Instrument ID..: TRACEICP		MS Run #.....: 8206196	MDL.....: 0.30	
Zinc	98.5 J	2.4	mg/kg	SW846 6010B	07/24-07/27/08	KRK2P1AF
		Dilution Factor: 1		Analysis Time..: 22:18	Analyst ID.....: 400149	
		Instrument ID..: TRACEICP		MS Run #.....: 8206196	MDL.....: 0.41	
Prep Batch #...: 8207028						
Mercury	0.39	0.039	mg/kg	SW846 7471A	07/25/08	KRK2P1AG
		Dilution Factor: 1		Analysis Time..: 09:32	Analyst ID.....: 031043	
		Instrument ID..: HGHYDRA		MS Run #.....: 8207021	MDL.....: 0.0084	

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.

ENSR International

Client Sample ID: TP11(50)E(8-8.5)

GC/MS Volatiles

Lot-Sample #...:	C8G160152-003	**Work Order #...:**	KRK2Q1AC	**Matrix.....:**	SO
Date Sampled...:	07/14/08	**Date Received..:**	07/16/08	**MS Run #.....:**	8199042
Prep Date.....:	07/17/08	**Analysis Date..:**	07/17/08		
Prep Batch #...:	8199067	**Analysis Time..:**	13:50		
Dilution Factor:	1	**Initial Wgt/Vol:**	5 g	**Final Wgt/Vol..:**	5 mL
% Moisture.....:	20	**Analyst ID.....:**	010099	**Instrument ID..:**	HP3
		Method.....:	SW846 8260B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	25	ug/kg	6.3
Benzene	ND	6.3	ug/kg	0.84
Bromodichloromethane	ND	6.3	ug/kg	0.70
Bromoform	ND	6.3	ug/kg	0.55
Bromomethane	ND	6.3	ug/kg	0.92
2-Butanone	ND	6.3	ug/kg	1.1
Carbon disulfide	ND	6.3	ug/kg	0.64
Carbon tetrachloride	ND	6.3	ug/kg	0.56
Chlorobenzene	ND	6.3	ug/kg	0.95
Chloroethane	ND	6.3	ug/kg	1.9
Chloroform	ND	6.3	ug/kg	0.73
Chloromethane	ND	6.3	ug/kg	1.1
Cyclohexane	ND	6.3	ug/kg	0.46
Dibromochloromethane	ND	6.3	ug/kg	0.89
1,2-Dibromo-3-chloro-propane	ND	6.3	ug/kg	0.94
1,2-Dibromoethane	ND	6.3	ug/kg	1.1
1,3-Dichlorobenzene	ND	6.3	ug/kg	0.82
1,4-Dichlorobenzene	ND	6.3	ug/kg	0.80
1,2-Dichlorobenzene	ND	6.3	ug/kg	1.0
Dichlorodifluoromethane	ND	6.3	ug/kg	0.83
1,1-Dichloroethane	ND	6.3	ug/kg	0.72
1,2-Dichloroethane	ND	6.3	ug/kg	0.77
1,1-Dichloroethene	ND	6.3	ug/kg	1.1
cis-1,2-Dichloroethene	ND	6.3	ug/kg	0.88
trans-1,2-Dichloroethene	ND	6.3	ug/kg	0.75
1,2-Dichloropropane	ND	6.3	ug/kg	0.68
cis-1,3-Dichloropropene	ND	6.3	ug/kg	0.85
trans-1,3-Dichloropropene	ND	6.3	ug/kg	0.75
Ethylbenzene	ND	6.3	ug/kg	0.80
2-Hexanone	ND	6.3	ug/kg	0.86
Isopropylbenzene	ND	6.3	ug/kg	0.85
Methyl acetate	ND	6.3	ug/kg	1.1
Methylene chloride 6.3 U	~~0.84 J~~	**6.3**	**ug/kg**	**0.84**
Methylcyclohexane	ND	6.3	ug/kg	0.91
4-Methyl-2-pentanone	ND	6.3	ug/kg	0.82
Methyl tert-butyl ether	ND	6.3	ug/kg	0.94

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ENSR International

Client Sample ID: TP11(50)E(8-8.5)

GC/MS Volatiles

Lot-Sample #...: C8G160152-003 Work Order #...: KRK2Q1AC Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Styrene	ND	6.3	ug/kg	0.66
1,1,2,2-Tetrachloroethane	ND	6.3	ug/kg	0.90
1,2,4-Trichloro-benzene	ND	6.3	ug/kg	1.1
Tetrachloroethene	ND	6.3	ug/kg	0.85
1,1,1-Trichloroethane	ND	6.3	ug/kg	0.61
1,1,2-Trichloroethane	ND	6.3	ug/kg	1.0
Trichloroethene	ND	6.3	ug/kg	0.82
Trichlorofluoromethane	ND	6.3	ug/kg	1.1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	6.3	ug/kg	1.3
Vinyl chloride	ND	6.3	ug/kg	0.59
Xylenes (total)	ND	19	ug/kg	2.8
Toluene	ND	6.3	ug/kg	0.91

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	101	(52 - 124)
Toluene-d8	96	(72 - 127)
4-Bromofluorobenzene	96	(63 - 120)
Dibromofluoromethane	90	(68 - 121)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

ENSR International

Client Sample ID: TP11(50)E(8-8.5)

GC/MS Semivolatiles

Lot-Sample #...:	C8G160152-003	**Work Order #...:**	KRK2Q1AD	**Matrix.....:**	SO
Date Sampled...:	07/14/08 13:10	**Date Received..:**	07/16/08 09:30	**MS Run #.....:**	8203002
Prep Date.....:	07/21/08	**Analysis Date..:**	07/22/08		
Prep Batch #...:	8203010	**Analysis Time..:**	10:36		
Dilution Factor:	0.99	**Initial Wgt/Vol:**	15.2 g	**Final Wgt/Vol..:**	0.5 mL
% Moisture.....:	20	**Analyst ID.....:**	003200	**Instrument ID..:**	731
		Method.....:	SW846 8270C		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	**160 J**	**410**	**ug/kg**	**21**
Acenaphthylene	**280 J**	**410**	**ug/kg**	**24**
Acetophenone	ND	410	ug/kg	25
Anthracene	**600**	**410**	**ug/kg**	**23**
Atrazine	ND	410	ug/kg	28
Benzo(a)anthracene	**1800**	**410**	**ug/kg**	**16**
Benzo(a)pyrene	**1500**	**410**	**ug/kg**	**13**
Benzo(b)fluoranthene	**2300**	**410**	**ug/kg**	**16**
Benzo(ghi)perylene	**950**	**410**	**ug/kg**	**14**
Benzo(k)fluoranthene	ND	410	ug/kg	13
Benzaldehyde	ND 410 UJ	410	ug/kg	44
1,1'-Biphenyl	**43 J**	**410**	**ug/kg**	**23**
bis(2-Chloroethoxy) methane	ND	410	ug/kg	19
bis(2-Chloroethyl)-ether	ND	410	ug/kg	9.2
bis(2-Ethylhexyl) phthalate	ND	410	ug/kg	31
4-Bromophenyl phenyl ether	ND	410	ug/kg	18
Butyl benzyl phthalate	ND	410	ug/kg	33
Caprolactam	ND	410	ug/kg	78
Carbazole	**330 J**	**410**	**ug/kg**	**17**
4-Chloroaniline	ND	410	ug/kg	35
4-Chloro-3-methylphenol	ND	410	ug/kg	25
2-Chloronaphthalene	ND	410	ug/kg	24
2-Chlorophenol	ND	410	ug/kg	21
4-Chlorophenyl phenyl ether	ND	410	ug/kg	20
Chrysene	**1800**	**410**	**ug/kg**	**16**
Dibenz(a,h)anthracene	**250 J**	**410**	**ug/kg**	**26**
Dibenzofuran	**180 J**	**410**	**ug/kg**	**23**
3,3'-Dichlorobenzidine	ND	2000	ug/kg	92
2,4-Dichlorophenol	ND	410	ug/kg	12
Diethyl phthalate	ND	410	ug/kg	37
2,4-Dimethylphenol	ND	410	ug/kg	18
Dimethyl phthalate	ND	410	ug/kg	23

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ENSR International

Client Sample ID: TP11(50)E(8-8.5)

GC/MS Semivolatiles

Lot-Sample #...: C8G160152-003 Work Order #...: KRK2Q1AD Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-butyl phthalate	ND	410	ug/kg	68
4,6-Dinitro-2-methylphenol	ND	2000	ug/kg	290
2,4-Dinitrophenol	ND	2000	ug/kg	490
2,4-Dinitrotoluene	ND	410	ug/kg	21
2,6-Dinitrotoluene	ND	410	ug/kg	26
Di-n-octyl phthalate	ND	410	ug/kg	29
Fluoranthene	**3500**	**410**	**ug/kg**	**27**
Fluorene	**270 J**	**410**	**ug/kg**	**20**
Hexachlorobenzene	ND	410	ug/kg	25
Hexachlorobutadiene	ND	410	ug/kg	25
Hexachlorocyclopentadiene	ND	2000	ug/kg	19
Hexachloroethane	ND	410	ug/kg	18
Indeno(1,2,3-cd)pyrene	**840**	**410**	**ug/kg**	**15**
Isophorone	ND	410	ug/kg	23
2-Methylnaphthalene	**160 J**	**410**	**ug/kg**	**23**
2-Methylphenol	ND	410	ug/kg	26
4-Methylphenol	ND	410	ug/kg	26
Naphthalene	**290 J**	**410**	**ug/kg**	**20**
2-Nitroaniline	ND	2000	ug/kg	25
3-Nitroaniline	ND	2000	ug/kg	35
4-Nitroaniline	ND	2000	ug/kg	17
Nitrobenzene	ND	410	ug/kg	10
2-Nitrophenol	ND	410	ug/kg	33
4-Nitrophenol	ND	2000	ug/kg	32
N-Nitrosodi-n-propylamine	ND	410	ug/kg	10
N-Nitrosodiphenylamine	ND	410	ug/kg	22
2,2'-oxybis(1-Chloropropane)	ND	410	ug/kg	25
Pentachlorophenol	ND	2000	ug/kg	31
Phenanthrene	**3000**	**410**	**ug/kg**	**20**
Phenol	ND	410	ug/kg	25
Pyrene	**3200**	**410**	**ug/kg**	**25**
2,4,5-Trichlorophenol	ND	410	ug/kg	34
2,4,6-Trichlorophenol	ND	410	ug/kg	33

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ENSR International

Client Sample ID: TP11(50)E(8-8.5)

GC/MS Semivolatiles

Lot-Sample #...: C8G160152-003 Work Order #...: KRK2Q1AD Matrix.....: SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	56	(10 - 117)
2-Fluorobiphenyl	62	(20 - 109)
2-Fluorophenol	58	(10 - 113)
Nitrobenzene-d5	60	(18 - 106)
Phenol-d5	63	(18 - 113)
Terphenyl-d14	64	(10 - 138)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

ENSR International

Client Sample ID: TP11(50)E(8-8.5)

TOTAL Metals

Lot-Sample #...: C8G160152-003 Matrix.....: SO
Date Sampled...: 07/14/08 Date Received..: 07/16/08
% Moisture.....: 20

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8206318						
Silver	ND	0.63	mg/kg	SW846 6010B	07/24-07/27/08	KRK2Q1AE
		Dilution Factor: 1		Analysis Time..: 22:23	Analyst ID.....: 400149	
		Instrument ID..: TRACEICP		MS Run #.....: 8206196	MDL.....: 0.046	
Aluminum	**4980 J**	**25.0**	**mg/kg**	**SW846 6010B**	**07/24-07/27/08**	**KRK2Q1AF**
		Dilution Factor: 1		Analysis Time..: 22:23	Analyst ID.....: 400149	
		Instrument ID..: TRACEICP		MS Run #.....: 8206196	MDL.....: 1.8	
Arsenic	**2.0**	**1.3**	**mg/kg**	**SW846 6010B**	**07/24-07/27/08**	**KRK2Q1AG**
		Dilution Factor: 1		Analysis Time..: 22:23	Analyst ID.....: 400149	
		Instrument ID..: TRACEICP		MS Run #.....: 8206196	MDL.....: 0.29	
Barium	**24.2 B J**	**25.0**	**mg/kg**	**SW846 6010B**	**07/24-07/27/08**	**KRK2Q1AH**
		Dilution Factor: 1		Analysis Time..: 22:23	Analyst ID.....: 400149	
		Instrument ID..: TRACEICP		MS Run #.....: 8206196	MDL.....: 0.046	
Beryllium	~~0.37 B~~ 0.50 U	**0.50**	**mg/kg**	**SW846 6010B**	**07/24-07/27/08**	**KRK2Q1AJ**
		Dilution Factor: 1		Analysis Time..: 22:23	Analyst ID.....: 400149	
		Instrument ID..: TRACEICP		MS Run #.....: 8206196	MDL.....: 0.039	
Calcium	**1490**	**625**	**mg/kg**	**SW846 6010B**	**07/24-07/27/08**	**KRK2Q1AK**
		Dilution Factor: 1		Analysis Time..: 22:23	Analyst ID.....: 400149	
		Instrument ID..: TRACEICP		MS Run #.....: 8206196	MDL.....: 31.4	
Cadmium	ND	0.63	mg/kg	SW846 6010B	07/24-07/27/08	KRK2Q1AL
		Dilution Factor: 1		Analysis Time..: 22:23	Analyst ID.....: 400149	
		Instrument ID..: TRACEICP		MS Run #.....: 8206196	MDL.....: 0.059	
Cobalt	~~2.9 B~~ 6.3 U	**6.3**	**mg/kg**	**SW846 6010B**	**07/24-07/27/08**	**KRK2Q1AM**
		Dilution Factor: 1		Analysis Time..: 22:23	Analyst ID.....: 400149	
		Instrument ID..: TRACEICP		MS Run #.....: 8206196	MDL.....: 0.054	
Chromium	**6.4**	**0.63**	**mg/kg**	**SW846 6010B**	**07/24-07/27/08**	**KRK2Q1AN**
		Dilution Factor: 1		Analysis Time..: 22:23	Analyst ID.....: 400149	
		Instrument ID..: TRACEICP		MS Run #.....: 8206196	MDL.....: 0.10	

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ENSR International

Client Sample ID: TP11(50)E(8-8.5)

TOTAL Metals

Lot-Sample #...: C8G160152-003 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Copper	7.9	3.1	mg/kg	SW846 6010B	07/24-07/27/08	KRK2Q1AP
		Dilution Factor: 1		Analysis Time..: 22:23	Analyst ID.....: 400149	
		Instrument ID..: TRACEICP		MS Run #.....: 8206196	MDL.....: 0.17	
Iron	12900	12.5	mg/kg	SW846 6010B	07/24-07/27/08	KRK2Q1AQ
		Dilution Factor: 1		Analysis Time..: 22:23	Analyst ID.....: 400149	
		Instrument ID..: TRACEICP		MS Run #.....: 8206196	MDL.....: 3.8	
Potassium	355 B J	625	mg/kg	SW846 6010B	07/24-07/27/08	KRK2Q1AR
		Dilution Factor: 1		Analysis Time..: 22:23	Analyst ID.....: 400149	
		Instrument ID..: TRACEICP		MS Run #.....: 8206196	MDL.....: 62.5	
Magnesium	999	625	mg/kg	SW846 6010B	07/24-07/27/08	KRK2Q1AT
		Dilution Factor: 1		Analysis Time..: 22:23	Analyst ID.....: 400149	
		Instrument ID..: TRACEICP		MS Run #.....: 8206196	MDL.....: 1.6	
Manganese	90.5	1.9	mg/kg	SW846 6010B	07/24-07/27/08	KRK2Q1AU
		Dilution Factor: 1		Analysis Time..: 22:23	Analyst ID.....: 400149	
		Instrument ID..: TRACEICP		MS Run #.....: 8206196	MDL.....: 0.034	
Sodium	354 B J	625	mg/kg	SW846 6010B	07/24-07/27/08	KRK2Q1AV
		Dilution Factor: 1		Analysis Time..: 22:23	Analyst ID.....: 400149	
		Instrument ID..: TRACEICP		MS Run #.....: 8206196	MDL.....: 17.4	
Nickel	6.2	5.0	mg/kg	SW846 6010B	07/24-07/27/08	KRK2Q1AW
		Dilution Factor: 1		Analysis Time..: 22:23	Analyst ID.....: 400149	
		Instrument ID..: TRACEICP		MS Run #.....: 8206196	MDL.....: 0.13	
Lead	51.9	0.38	mg/kg	SW846 6010B	07/24-07/27/08	KRK2Q1AX
		Dilution Factor: 1		Analysis Time..: 22:23	Analyst ID.....: 400149	
		Instrument ID..: TRACEICP		MS Run #.....: 8206196	MDL.....: 0.20	
Selenium	0.52 B J	0.63	mg/kg	SW846 6010B	07/24-07/27/08	KRK2Q1A0
		Dilution Factor: 1		Analysis Time..: 22:23	Analyst ID.....: 400149	
		Instrument ID..: TRACEICP		MS Run #.....: 8206196	MDL.....: 0.36	
Thallium	~~0.90 B~~ 1.3 U	1.3	mg/kg	SW846 6010B	07/24-07/27/08	KRK2Q1A1
		Dilution Factor: 1		Analysis Time..: 22:23	Analyst ID.....: 400149	
		Instrument ID..: TRACEICP		MS Run #.....: 8206196	MDL.....: 0.40	

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ENSR International

Client Sample ID: TP11(50)E(8-8.5)

TOTAL Metals

Lot-Sample #...: C8G160152-003 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	ND	1.3	mg/kg	SW846 6010B	07/24-07/27/08	KRK2Q1A2
		Dilution Factor: 1		Analysis Time..: 22:23	Analyst ID.....: 400149	
		Instrument ID..: TRACEICP		MS Run #.....: 8206196	MDL.....: 0.11	
Vanadium	**16.3**	**6.3**	**mg/kg**	**SW846 6010B**	**07/24-07/27/08**	**KRK2Q1A3**
		Dilution Factor: 1		Analysis Time..: 22:23	Analyst ID.....: 400149	
		Instrument ID..: TRACEICP		MS Run #.....: 8206196	MDL.....: 0.32	
Zinc	**34.9 J**	**2.5**	**mg/kg**	**SW846 6010B**	**07/24-07/27/08**	**KRK2Q1A4**
		Dilution Factor: 1		Analysis Time..: 22:23	Analyst ID.....: 400149	
		Instrument ID..: TRACEICP		MS Run #.....: 8206196	MDL.....: 0.43	
Prep Batch #...: 8207028						
Mercury	**0.097**	**0.041**	**mg/kg**	**SW846 7471A**	**07/25/08**	**KRK2Q1A5**
		Dilution Factor: 1		Analysis Time..: 09:34	Analyst ID.....: 031043	
		Instrument ID..: HGHYDRA		MS Run #.....: 8207021	MDL.....: 0.0089	

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.~~

ENSR International

Client Sample ID: TP12(5)W(8-8.5)

GC/MS Volatiles

Lot-Sample #...:	C8G160152-004	**Work Order #...:**	KRK2R1A4	**Matrix.....:**	SO
Date Sampled...:	07/15/08	**Date Received..:**	07/16/08	**MS Run #.....:**	8199042
Prep Date.....:	07/17/08	**Analysis Date..:**	07/17/08		
Prep Batch #...:	8199067	**Analysis Time..:**	06:07		
Dilution Factor:	1	**Initial Wgt/Vol:**	5 g	**Final Wgt/Vol..:**	5 mL
% Moisture.....:	24	**Analyst ID.....:**	010099	**Instrument ID..:**	HP3
		Method.....:	SW846 8260B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone 26 U	~~9.2 J~~	**26**	**ug/kg**	**6.6**
Benzene	**2.7 J**	**6.6**	**ug/kg**	**0.89**
Bromodichloromethane	ND	6.6	ug/kg	0.74
Bromoform	ND	6.6	ug/kg	0.59
Bromomethane	ND	6.6	ug/kg	0.98
2-Butanone	ND	6.6	ug/kg	1.2
Carbon disulfide	ND	6.6	ug/kg	0.68
Carbon tetrachloride	ND	6.6	ug/kg	0.59
Chlorobenzene	ND	6.6	ug/kg	1.0
Chloroethane	ND	6.6	ug/kg	2.0
Chloroform	ND	6.6	ug/kg	0.77
Chloromethane	ND	6.6	ug/kg	1.1
Cyclohexane	ND	6.6	ug/kg	0.49
Dibromochloromethane	ND	6.6	ug/kg	0.94
1,2-Dibromo-3-chloro-propane	ND	6.6	ug/kg	0.99
1,2-Dibromoethane	ND	6.6	ug/kg	1.1
1,3-Dichlorobenzene	ND	6.6	ug/kg	0.87
1,4-Dichlorobenzene	ND	6.6	ug/kg	0.84
1,2-Dichlorobenzene	ND	6.6	ug/kg	1.1
Dichlorodifluoromethane	ND	6.6	ug/kg	0.88
1,1-Dichloroethane	ND	6.6	ug/kg	0.76
1,2-Dichloroethane	ND	6.6	ug/kg	0.81
1,1-Dichloroethene	ND	6.6	ug/kg	1.1
cis-1,2-Dichloroethene	ND	6.6	ug/kg	0.93
trans-1,2-Dichloroethene	ND	6.6	ug/kg	0.79
1,2-Dichloropropane	ND	6.6	ug/kg	0.72
cis-1,3-Dichloropropene	ND	6.6	ug/kg	0.90
trans-1,3-Dichloropropene	ND	6.6	ug/kg	0.79
Ethylbenzene	ND	6.6	ug/kg	0.85
2-Hexanone	ND	6.6	ug/kg	0.91
Isopropylbenzene	**7.3**	**6.6**	**ug/kg**	**0.90**
Methyl acetate	ND	6.6	ug/kg	1.2
Methylene chloride 6.6 U	~~1.5 J~~	**6.6**	**ug/kg**	**0.89**
Methylcyclohexane	ND	6.6	ug/kg	0.96
4-Methyl-2-pentanone	ND	6.6	ug/kg	0.86
Methyl tert-butyl ether	ND	6.6	ug/kg	0.99

(Continued on next page)

ENSR International

Client Sample ID: TP12(5)W(8-8.5)

GC/MS Volatiles

Lot-Sample #...: C8G160152-004 Work Order #...: KRK2R1A4 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Styrene	ND	6.6	ug/kg	0.70
1,1,2,2-Tetrachloroethane	ND	6.6	ug/kg	0.95
1,2,4-Trichloro-benzene	ND	6.6	ug/kg	1.2
Tetrachloroethene	ND	6.6	ug/kg	0.90
1,1,1-Trichloroethane	ND	6.6	ug/kg	0.64
1,1,2-Trichloroethane	ND	6.6	ug/kg	1.1
Trichloroethene	ND	6.6	ug/kg	0.87
Trichlorofluoromethane	ND	6.6	ug/kg	1.2
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	6.6	ug/kg	1.4
Vinyl chloride	ND	6.6	ug/kg	0.62
Xylenes (total)	ND	20	ug/kg	3.0
Toluene	ND	6.6	ug/kg	0.97

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	107	(52 - 124)
Toluene-d8	95	(72 - 127)
4-Bromofluorobenzene	97	(63 - 120)
Dibromofluoromethane	98	(68 - 121)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

ENSR International

Client Sample ID: TP12(5)W(8-8.5)

GC/MS Semivolatiles

Lot-Sample #...:	C8G160152-004	**Work Order #...:**	KRK2R1A7	**Matrix.....:**	SO
Date Sampled...:	07/15/08 10:00	**Date Received..:**	07/16/08 09:30	**MS Run #.....:**	8203002
Prep Date.....:	07/21/08	**Analysis Date..:**	07/22/08		
Prep Batch #...:	8203010	**Analysis Time..:**	10:58		
Dilution Factor:	5	**Initial Wgt/Vol:**	15 g	**Final Wgt/Vol..:**	0.5 mL
% Moisture.....:	24	**Analyst ID.....:**	003200	**Instrument ID..:**	731
		Method.....:	SW846 8270C		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	**4400**	**2200**	**ug/kg**	**110**
Acenaphthylene	**4400**	**2200**	**ug/kg**	**130**
Acetophenone	ND	2200	ug/kg	130
Anthracene	**13000**	**2200**	**ug/kg**	**120**
Atrazine	ND	2200	ug/kg	150
Benzo(a)anthracene	**35000**	**2200**	**ug/kg**	**87**
Benzo(a)pyrene	**27000**	**2200**	**ug/kg**	**68**
Benzo(b)fluoranthene	**40000**	**2200**	**ug/kg**	**84**
Benzo(ghi)perylene	**15000**	**2200**	**ug/kg**	**75**
Benzo(k)fluoranthene	ND	2200	ug/kg	70
Benzaldehyde	ND 2200 UJ	2200	ug/kg	230
1,1'-Biphenyl	**260 J**	**2200**	**ug/kg**	**120**
bis(2-Chloroethoxy) methane	ND	2200	ug/kg	100
bis(2-Chloroethyl)-ether	ND	2200	ug/kg	49
bis(2-Ethylhexyl) phthalate	ND	2200	ug/kg	170
4-Bromophenyl phenyl ether	ND	2200	ug/kg	98
Butyl benzyl phthalate	ND	2200	ug/kg	180
Caprolactam	ND	2200	ug/kg	420
Carbazole	**5800**	**2200**	**ug/kg**	**90**
4-Chloroaniline	ND	2200	ug/kg	190
4-Chloro-3-methylphenol	ND	2200	ug/kg	130
2-Chloronaphthalene	ND	2200	ug/kg	130
2-Chlorophenol	ND	2200	ug/kg	110
4-Chlorophenyl phenyl ether	ND	2200	ug/kg	110
Chrysene	**29000**	**2200**	**ug/kg**	**87**
Dibenz(a,h)anthracene	**4300**	**2200**	**ug/kg**	**140**
Dibenzofuran	**14000**	**2200**	**ug/kg**	**120**
3,3'-Dichlorobenzidine	ND	11000	ug/kg	490
2,4-Dichlorophenol	ND	2200	ug/kg	65
Diethyl phthalate	ND	2200	ug/kg	200
2,4-Dimethylphenol	ND	2200	ug/kg	94
Dimethyl phthalate	ND	2200	ug/kg	120

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ENSR International

Client Sample ID: TP12(5)W(8-8.5)

GC/MS Semivolatiles

Lot-Sample #...: C8G160152-004 Work Order #...: KRK2R1A7 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-butyl phthalate	ND	2200	ug/kg	360
4,6-Dinitro-2-methylphenol	ND	11000	ug/kg	1500
2,4-Dinitrophenol	ND	11000	ug/kg	2600
2,4-Dinitrotoluene	ND	2200	ug/kg	110
2,6-Dinitrotoluene	ND	2200	ug/kg	140
Di-n-octyl phthalate	ND	2200	ug/kg	150
Fluoranthene	**63000**	**2200**	**ug/kg**	**140**
Fluorene	**22000**	**2200**	**ug/kg**	**110**
Hexachlorobenzene	ND	2200	ug/kg	130
Hexachlorobutadiene	ND	2200	ug/kg	130
Hexachlorocyclopentadiene	ND	11000	ug/kg	100
Hexachloroethane	ND	2200	ug/kg	98
Indeno(1,2,3-cd)pyrene	**15000**	**2200**	**ug/kg**	**78**
Isophorone	ND	2200	ug/kg	120
2-Methylnaphthalene	**570 J**	**2200**	**ug/kg**	**120**
2-Methylphenol	ND	2200	ug/kg	140
4-Methylphenol	ND	2200	ug/kg	140
Naphthalene	**2100 J**	**2200**	**ug/kg**	**110**
2-Nitroaniline	ND	11000	ug/kg	130
3-Nitroaniline	ND	11000	ug/kg	190
4-Nitroaniline	ND	11000	ug/kg	92
Nitrobenzene	ND	2200	ug/kg	55
2-Nitrophenol	ND	2200	ug/kg	170
4-Nitrophenol	ND	11000	ug/kg	170
N-Nitrosodi-n-propylamine	ND	2200	ug/kg	54
N-Nitrosodiphenylamine	ND	2200	ug/kg	120
2,2'-oxybis(1-Chloropropane)	ND	2200	ug/kg	130
Pentachlorophenol	ND	11000	ug/kg	160
Phenanthrene	**5400**	**2200**	**ug/kg**	**110**
Phenol	ND	2200	ug/kg	130
Pyrene	**54000**	**2200**	**ug/kg**	**130**
2,4,5-Trichlorophenol	ND	2200	ug/kg	180
2,4,6-Trichlorophenol	ND	2200	ug/kg	180

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ENSR International

Client Sample ID: TP12(5)W(8-8.5)

GC/MS Semivolatiles

Lot-Sample #...: C8G160152-004 Work Order #...: KRK2R1A7 Matrix.....: SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	85	(10 - 117)
2-Fluorobiphenyl	84	(20 - 109)
2-Fluorophenol	73	(10 - 113)
Nitrobenzene-d5	80	(18 - 106)
Phenol-d5	83	(18 - 113)
Terphenyl-d14	88	(10 - 138)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

ENSR International

Client Sample ID: TP12(5)W(8-8.5)

TOTAL Metals

Lot-Sample #...: C8G160152-004 Matrix.....: SO
Date Sampled...: 07/15/08 Date Received..: 07/16/08
% Moisture.....: 24

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8206318						
Silver	~~0.10 B,J~~ 0.66 U	0.66	mg/kg	SW846 6010B	07/24-07/27/08	KRK2R1CA
		Dilution Factor: 1		Analysis Time..: 22:29	Analyst ID.....: 400149	
		Instrument ID..: TRACEICP		MS Run #.....: 8206196	MDL.....: 0.049	
Aluminum	4450 J	26.5	mg/kg	SW846 6010B	07/24-07/27/08	KRK2R1CK
		Dilution Factor: 1		Analysis Time..: 22:29	Analyst ID.....: 400149	
		Instrument ID..: TRACEICP		MS Run #.....: 8206196	MDL.....: 1.9	
Arsenic	4.0	1.3	mg/kg	SW846 6010B	07/24-07/27/08	KRK2R1CH
		Dilution Factor: 1		Analysis Time..: 22:29	Analyst ID.....: 400149	
		Instrument ID..: TRACEICP		MS Run #.....: 8206196	MDL.....: 0.30	
Barium	38.6	26.5	mg/kg	SW846 6010B	07/24-07/27/08	KRK2R1CL
		Dilution Factor: 1		Analysis Time..: 22:29	Analyst ID.....: 400149	
		Instrument ID..: TRACEICP		MS Run #.....: 8206196	MDL.....: 0.048	
Beryllium	~~0.47 B~~ 0.53 U	0.53	mg/kg	SW846 6010B	07/24-07/27/08	KRK2R1CP
		Dilution Factor: 1		Analysis Time..: 22:29	Analyst ID.....: 400149	
		Instrument ID..: TRACEICP		MS Run #.....: 8206196	MDL.....: 0.041	
Calcium	63000	662	mg/kg	SW846 6010B	07/24-07/27/08	KRK2R1CT
		Dilution Factor: 1		Analysis Time..: 22:29	Analyst ID.....: 400149	
		Instrument ID..: TRACEICP		MS Run #.....: 8206196	MDL.....: 33.3	
Cadmium	ND	0.66	mg/kg	SW846 6010B	07/24-07/27/08	KRK2R1CW
		Dilution Factor: 1		Analysis Time..: 22:29	Analyst ID.....: 400149	
		Instrument ID..: TRACEICP		MS Run #.....: 8206196	MDL.....: 0.062	
Cobalt	~~3.0 B~~ 6.6 U	6.6	mg/kg	SW846 6010B	07/24-07/27/08	KRK2R1C1
		Dilution Factor: 1		Analysis Time..: 22:29	Analyst ID.....: 400149	
		Instrument ID..: TRACEICP		MS Run #.....: 8206196	MDL.....: 0.057	
Chromium	6.0	0.66	mg/kg	SW846 6010B	07/24-07/27/08	KRK2R1C4
		Dilution Factor: 1		Analysis Time..: 22:29	Analyst ID.....: 400149	
		Instrument ID..: TRACEICP		MS Run #.....: 8206196	MDL.....: 0.11	

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ENSR International

Client Sample ID: TP12(5)W(8-8.5)

TOTAL Metals

Lot-Sample #...: C8G160152-004 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Copper	15.3	3.3	mg/kg	SW846 6010B	07/24-07/27/08	KRK2R1C7
	Dilution Factor: 1	Analysis Time..: 22:29		Analyst ID.....: 400149		
	Instrument ID..: TRACEICP	MS Run #.....: 8206196		MDL.....: 0.19		
Iron	10200	13.2	mg/kg	SW846 6010B	07/24-07/27/08	KRK2R1DA
	Dilution Factor: 1	Analysis Time..: 22:29		Analyst ID.....: 400149		
	Instrument ID..: TRACEICP	MS Run #.....: 8206196		MDL.....: 4.0		
Potassium	566 B J	662	mg/kg	SW846 6010B	07/24-07/27/08	KRK2R1DE
	Dilution Factor: 1	Analysis Time..: 22:29		Analyst ID.....: 400149		
	Instrument ID..: TRACEICP	MS Run #.....: 8206196		MDL.....: 66.2		
Magnesium	2020	662	mg/kg	SW846 6010B	07/24-07/27/08	KRK2R1DH
	Dilution Factor: 1	Analysis Time..: 22:29		Analyst ID.....: 400149		
	Instrument ID..: TRACEICP	MS Run #.....: 8206196		MDL.....: 1.7		
Manganese	167	2.0	mg/kg	SW846 6010B	07/24-07/27/08	KRK2R1DL
	Dilution Factor: 1	Analysis Time..: 22:29		Analyst ID.....: 400149		
	Instrument ID..: TRACEICP	MS Run #.....: 8206196		MDL.....: 0.035		
Sodium	618 B J	662	mg/kg	SW846 6010B	07/24-07/27/08	KRK2R1DP
	Dilution Factor: 1	Analysis Time..: 22:29		Analyst ID.....: 400149		
	Instrument ID..: TRACEICP	MS Run #.....: 8206196		MDL.....: 18.5		
Nickel	7.2	5.3	mg/kg	SW846 6010B	07/24-07/27/08	KRK2R1DT
	Dilution Factor: 1	Analysis Time..: 22:29		Analyst ID.....: 400149		
	Instrument ID..: TRACEICP	MS Run #.....: 8206196		MDL.....: 0.14		
Lead	54.2	0.40	mg/kg	SW846 6010B	07/24-07/27/08	KRK2R1DW
	Dilution Factor: 1	Analysis Time..: 22:29		Analyst ID.....: 400149		
	Instrument ID..: TRACEICP	MS Run #.....: 8206196		MDL.....: 0.21		
Selenium	ND	0.66	mg/kg	SW846 6010B	07/24-07/27/08	KRK2R1AA
	Dilution Factor: 1	Analysis Time..: 22:29		Analyst ID.....: 400149		
	Instrument ID..: TRACEICP	MS Run #.....: 8206196		MDL.....: 0.38		
Thallium	ND	1.3	mg/kg	SW846 6010B	07/24-07/27/08	KRK2R1AE
	Dilution Factor: 1	Analysis Time..: 22:29		Analyst ID.....: 400149		
	Instrument ID..: TRACEICP	MS Run #.....: 8206196		MDL.....: 0.42		

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ENSR International

Client Sample ID: TP12(5)W(8-8.5)

TOTAL Metals

Lot-Sample #...: C8G160152-004 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	~~0.15 B~~ 1.3 U	1.3	mg/kg	SW846 6010B	07/24-07/27/08	KRK2R1AH
		Dilution Factor: 1		Analysis Time..: 22:29	Analyst ID.....: 400149	
		Instrument ID..: TRACEICP		MS Run #.....: 8206196	MDL.....: 0.12	
Vanadium	15.1	6.6	mg/kg	SW846 6010B	07/24-07/27/08	KRK2R1AL
		Dilution Factor: 1		Analysis Time..: 22:29	Analyst ID.....: 400149	
		Instrument ID..: TRACEICP		MS Run #.....: 8206196	MDL.....: 0.34	
Zinc	25.2 J	2.6	mg/kg	SW846 6010B	07/24-07/27/08	KRK2R1AP
		Dilution Factor: 1		Analysis Time..: 22:29	Analyst ID.....: 400149	
		Instrument ID..: TRACEICP		MS Run #.....: 8206196	MDL.....: 0.46	
Prep Batch #...: 8207028						
Mercury	0.28	0.044	mg/kg	SW846 7471A	07/25/08	KRK2R1AT
		Dilution Factor: 1		Analysis Time..: 09:35	Analyst ID.....: 031043	
		Instrument ID..: HGHYDRA		MS Run #.....: 8207021	MDL.....: 0.0094	

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.

ENSR International

Client Sample ID: TP12(17)W(10.5-11)

GC/MS Volatiles

Lot-Sample #...:	C8G160152-005	**Work Order #...:**	KRK2T1AK	**Matrix.....:**	SO
Date Sampled...:	07/15/08	**Date Received..:**	07/16/08	**MS Run #.....:**	8199042
Prep Date.....:	07/17/08	**Analysis Date..:**	07/17/08		
Prep Batch #...:	8199067	**Analysis Time..:**	11:25		
Dilution Factor:	1	**Initial Wgt/Vol:**	5 g	**Final Wgt/Vol..:**	5 mL
% Moisture.....:	20	**Analyst ID.....:**	010099	**Instrument ID..:**	HP3
		Method.....:	SW846 8260B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone 25U	~~22 J~~	**25**	**ug/kg**	**6.2**
Benzene	ND	6.2	ug/kg	0.84
Bromodichloromethane	ND	6.2	ug/kg	0.70
Bromoform	ND	6.2	ug/kg	0.55
Bromomethane	ND	6.2	ug/kg	0.92
2-Butanone	ND	6.2	ug/kg	1.1
Carbon disulfide	ND	6.2	ug/kg	0.64
Carbon tetrachloride	ND	6.2	ug/kg	0.55
Chlorobenzene	ND	6.2	ug/kg	0.94
Chloroethane	ND	6.2	ug/kg	1.9
Chloroform	ND	6.2	ug/kg	0.73
Chloromethane	ND	6.2	ug/kg	1.1
Cyclohexane	ND	6.2	ug/kg	0.46
Dibromochloromethane	ND	6.2	ug/kg	0.88
1,2-Dibromo-3-chloro-propane	ND	6.2	ug/kg	0.93
1,2-Dibromoethane	ND	6.2	ug/kg	1.1
1,3-Dichlorobenzene	ND	6.2	ug/kg	0.82
1,4-Dichlorobenzene	ND	6.2	ug/kg	0.79
1,2-Dichlorobenzene	ND	6.2	ug/kg	0.99
Dichlorodifluoromethane	ND	6.2	ug/kg	0.83
1,1-Dichloroethane	ND	6.2	ug/kg	0.72
1,2-Dichloroethane	ND	6.2	ug/kg	0.76
1,1-Dichloroethene	ND	6.2	ug/kg	1.1
cis-1,2-Dichloroethene	ND	6.2	ug/kg	0.87
trans-1,2-Dichloroethene	ND	6.2	ug/kg	0.74
1,2-Dichloropropane	ND	6.2	ug/kg	0.67
cis-1,3-Dichloropropene	ND	6.2	ug/kg	0.84
trans-1,3-Dichloropropene	ND	6.2	ug/kg	0.74
Ethylbenzene	ND	6.2	ug/kg	0.80
2-Hexanone	ND	6.2	ug/kg	0.86
Isopropylbenzene	ND	6.2	ug/kg	0.84
Methyl acetate	ND	6.2	ug/kg	1.1
Methylene chloride 6.2U	~~1.2 J~~	**6.2**	**ug/kg**	**0.84**
Methylcyclohexane	ND	6.2	ug/kg	0.90
4-Methyl-2-pentanone	ND	6.2	ug/kg	0.81
Methyl tert-butyl ether	ND	6.2	ug/kg	0.93

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ENSR International

Client Sample ID: TP12(17)W(10.5-11)

GC/MS Volatiles

Lot-Sample #...: C8G160152-005 **Work Order #...:** KRK2T1AK **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Styrene	ND	6.2	ug/kg	0.66
1,1,2,2-Tetrachloroethane	ND	6.2	ug/kg	0.89
1,2,4-Trichloro-benzene	ND	6.2	ug/kg	1.1
Tetrachloroethene	ND	6.2	ug/kg	0.85
1,1,1-Trichloroethane	ND	6.2	ug/kg	0.60
1,1,2-Trichloroethane	ND	6.2	ug/kg	1.0
Trichloroethene	ND	6.2	ug/kg	0.82
Trichlorofluoromethane	ND	6.2	ug/kg	1.1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	6.2	ug/kg	1.3
Vinyl chloride	ND	6.2	ug/kg	0.58
Xylenes (total)	ND	19	ug/kg	2.8
Toluene	ND	6.2	ug/kg	0.91

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	102	(52 - 124)
Toluene-d8	94	(72 - 127)
4-Bromofluorobenzene	91	(63 - 120)
Dibromofluoromethane	89	(68 - 121)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

ENSR International

Client Sample ID: TP12(17)W(10.5-11)

GC/MS Semivolatiles

Lot-Sample #...:	C8G160152-005	**Work Order #...:**	KRK2T1AL	**Matrix.....:**	SO
Date Sampled...:	07/15/08 11:00	**Date Received..:**	07/16/08 09:30	**MS Run #.....:**	8203002
Prep Date.....:	07/21/08	**Analysis Date..:**	07/22/08		
Prep Batch #...:	8203010	**Analysis Time..:**	12:04		
Dilution Factor:	0.99	**Initial Wgt/Vol:**	15.2 g	**Final Wgt/Vol..:**	0.5 mL
% Moisture.....:	20	**Analyst ID.....:**	003200	**Instrument ID..:**	731
		Method.....:	SW846 8270C		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	**140 J**	**410**	**ug/kg**	**21**
Acenaphthylene	**43 J**	**410**	**ug/kg**	**24**
Acetophenone	ND	410	ug/kg	25
Anthracene	**89 J**	**410**	**ug/kg**	**23**
Atrazine	ND	410	ug/kg	28
Benzo(a)anthracene	**150 J**	**410**	**ug/kg**	**16**
Benzo(a)pyrene	**150 J**	**410**	**ug/kg**	**13**
Benzo(b)fluoranthene	**240 J**	**410**	**ug/kg**	**16**
Benzo(ghi)perylene	**140 J**	**410**	**ug/kg**	**14**
Benzo(k)fluoranthene	ND	410	ug/kg	13
Benzaldehyde	ND 410 UJ	410	ug/kg	43
1,1'-Biphenyl	**47 J**	**410**	**ug/kg**	**22**
bis(2-Chloroethoxy) methane	ND	410	ug/kg	19
bis(2-Chloroethyl)-ether	ND	410	ug/kg	9.2
bis(2-Ethylhexyl) phthalate	ND	410	ug/kg	31
4-Bromophenyl phenyl ether	ND	410	ug/kg	18
Butyl benzyl phthalate	ND	410	ug/kg	33
Caprolactam	ND	410	ug/kg	77
Carbazole	**44 J**	**410**	**ug/kg**	**17**
4-Chloroaniline	ND	410	ug/kg	35
4-Chloro-3-methylphenol	ND	410	ug/kg	25
2-Chloronaphthalene	ND	410	ug/kg	24
2-Chlorophenol	ND	410	ug/kg	21
4-Chlorophenyl phenyl ether	ND	410	ug/kg	20
Chrysene	**160 J**	**410**	**ug/kg**	**16**
Dibenz(a,h)anthracene	ND	410	ug/kg	26
Dibenzofuran	**67 J**	**410**	**ug/kg**	**23**
3,3'-Dichlorobenzidine	ND	2000	ug/kg	92
2,4-Dichlorophenol	ND	410	ug/kg	12
Diethyl phthalate	ND	410	ug/kg	36
2,4-Dimethylphenol	ND	410	ug/kg	18
Dimethyl phthalate	ND	410	ug/kg	23

(Continued on next page)

ENSR International

Client Sample ID: TP12(17)W(10.5-11)

GC/MS Semivolatiles

Lot-Sample #...: C8G160152-005 Work Order #...: KRK2T1AL Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-butyl phthalate	ND	410	ug/kg	68
4,6-Dinitro-2-methylphenol	ND	2000	ug/kg	290
2,4-Dinitrophenol	ND	2000	ug/kg	480
2,4-Dinitrotoluene	ND	410	ug/kg	21
2,6-Dinitrotoluene	ND	410	ug/kg	26
Di-n-octyl phthalate	ND	410	ug/kg	28
Fluoranthene	**310 J**	**410**	**ug/kg**	**26**
Fluorene	**120 J**	**410**	**ug/kg**	**20**
Hexachlorobenzene	ND	410	ug/kg	25
Hexachlorobutadiene	ND	410	ug/kg	25
Hexachlorocyclopentadiene	ND	2000	ug/kg	19
Hexachloroethane	ND	410	ug/kg	18
Indeno(1,2,3-cd)pyrene	**110 J**	**410**	**ug/kg**	**14**
Isophorone	ND	410	ug/kg	23
2-Methylnaphthalene	**120 J**	**410**	**ug/kg**	**23**
2-Methylphenol	ND	410	ug/kg	26
4-Methylphenol	ND	410	ug/kg	26
Naphthalene	**840**	**410**	**ug/kg**	**20**
2-Nitroaniline	ND	2000	ug/kg	25
3-Nitroaniline	ND	2000	ug/kg	35
4-Nitroaniline	ND	2000	ug/kg	17
Nitrobenzene	ND	410	ug/kg	10
2-Nitrophenol	ND	410	ug/kg	32
4-Nitrophenol	ND	2000	ug/kg	32
N-Nitrosodi-n-propylamine	ND	410	ug/kg	10
N-Nitrosodiphenylamine	ND	410	ug/kg	22
2,2'-oxybis (1-Chloropropane)	ND	410	ug/kg	24
Pentachlorophenol	ND	2000	ug/kg	30
Phenanthrene	**270 J**	**410**	**ug/kg**	**20**
Phenol	ND	410	ug/kg	25
Pyrene	**270 J**	**410**	**ug/kg**	**25**
2,4,5-Trichlorophenol	ND	410	ug/kg	34
2,4,6-Trichlorophenol	ND	410	ug/kg	33

(Continued on next page)

ENSR International

Client Sample ID: TP12(17)W(10.5-11)

GC/MS Semivolatiles

Lot-Sample #...: C8G160152-005 Work Order #...: KRK2T1AL Matrix.....: SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	56	(10 - 117)
2-Fluorobiphenyl	55	(20 - 109)
2-Fluorophenol	52	(10 - 113)
Nitrobenzene-d5	54	(18 - 106)
Phenol-d5	55	(18 - 113)
Terphenyl-d14	58	(10 - 138)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

ENSR International

Client Sample ID: TP12(17)W(10.5-11)

TOTAL Metals

Lot-Sample #...: C8G160152-005 Matrix.....: SO
Date Sampled...: 07/15/08 Date Received..: 07/16/08
% Moisture.....: 20

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8206318						
Silver	~~0.36 B,J~~ 0.62 U	0.62	mg/kg	SW846 6010B	07/24-07/27/08	KRK2T1AM
		Dilution Factor: 1		Analysis Time..: 22:51	Analyst ID.....: 400149	
		Instrument ID..: TRACEICP		MS Run #.....: 8206196	MDL.....: 0.046	
Aluminum	4000 J	24.9	mg/kg	SW846 6010B	07/24-07/27/08	KRK2T1AN
		Dilution Factor: 1		Analysis Time..: 22:51	Analyst ID.....: 400149	
		Instrument ID..: TRACEICP		MS Run #.....: 8206196	MDL.....: 1.8	
Arsenic	4.2	1.2	mg/kg	SW846 6010B	07/24-07/27/08	KRK2T1AP
		Dilution Factor: 1		Analysis Time..: 22:51	Analyst ID.....: 400149	
		Instrument ID..: TRACEICP		MS Run #.....: 8206196	MDL.....: 0.28	
Barium	82.3	24.9	mg/kg	SW846 6010B	07/24-07/27/08	KRK2T1AQ
		Dilution Factor: 1		Analysis Time..: 22:51	Analyst ID.....: 400149	
		Instrument ID..: TRACEICP		MS Run #.....: 8206196	MDL.....: 0.045	
Beryllium	~~0.31 B~~ 0.50 U	0.50	mg/kg	SW846 6010B	07/24-07/27/08	KRK2T1AR
		Dilution Factor: 1		Analysis Time..: 22:51	Analyst ID.....: 400149	
		Instrument ID..: TRACEICP		MS Run #.....: 8206196	MDL.....: 0.038	
Calcium	10500	621	mg/kg	SW846 6010B	07/24-07/27/08	KRK2T1AT
		Dilution Factor: 1		Analysis Time..: 22:51	Analyst ID.....: 400149	
		Instrument ID..: TRACEICP		MS Run #.....: 8206196	MDL.....: 31.2	
Cadmium	0.083 B J	0.62	mg/kg	SW846 6010B	07/24-07/27/08	KRK2T1AU
		Dilution Factor: 1		Analysis Time..: 22:51	Analyst ID.....: 400149	
		Instrument ID..: TRACEICP		MS Run #.....: 8206196	MDL.....: 0.058	
Cobalt	~~3.1 B~~ 6.2 U	6.2	mg/kg	SW846 6010B	07/24-07/27/08	KRK2T1AV
		Dilution Factor: 1		Analysis Time..: 22:51	Analyst ID.....: 400149	
		Instrument ID..: TRACEICP		MS Run #.....: 8206196	MDL.....: 0.053	
Chromium	7.3	0.62	mg/kg	SW846 6010B	07/24-07/27/08	KRK2T1AW
		Dilution Factor: 1		Analysis Time..: 22:51	Analyst ID.....: 400149	
		Instrument ID..: TRACEICP		MS Run #.....: 8206196	MDL.....: 0.10	

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ENSR International

Client Sample ID: TP12(17)W(10.5-11)

TOTAL Metals

Lot-Sample #...: C8G160152-005 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Copper	42.2	3.1	mg/kg	SW846 6010B	07/24-07/27/08	KRK2T1AX
		Dilution Factor: 1		Analysis Time..: 22:51	Analyst ID.....: 400149	
		Instrument ID..: TRACEICP		MS Run #.....: 8206196	MDL.....: 0.17	
Iron	9730	12.4	mg/kg	SW846 6010B	07/24-07/27/08	KRK2T1A0
		Dilution Factor: 1		Analysis Time..: 22:51	Analyst ID.....: 400149	
		Instrument ID..: TRACEICP		MS Run #.....: 8206196	MDL.....: 3.7	
Potassium	549 B J	621	mg/kg	SW846 6010B	07/24-07/27/08	KRK2T1A1
		Dilution Factor: 1		Analysis Time..: 22:51	Analyst ID.....: 400149	
		Instrument ID..: TRACEICP		MS Run #.....: 8206196	MDL.....: 62.1	
Magnesium	1540	621	mg/kg	SW846 6010B	07/24-07/27/08	KRK2T1A2
		Dilution Factor: 1		Analysis Time..: 22:51	Analyst ID.....: 400149	
		Instrument ID..: TRACEICP		MS Run #.....: 8206196	MDL.....: 1.6	
Manganese	101	1.9	mg/kg	SW846 6010B	07/24-07/27/08	KRK2T1A3
		Dilution Factor: 1		Analysis Time..: 22:51	Analyst ID.....: 400149	
		Instrument ID..: TRACEICP		MS Run #.....: 8206196	MDL.....: 0.033	
Sodium	390 B J	621	mg/kg	SW846 6010B	07/24-07/27/08	KRK2T1A4
		Dilution Factor: 1		Analysis Time..: 22:51	Analyst ID.....: 400149	
		Instrument ID..: TRACEICP		MS Run #.....: 8206196	MDL.....: 17.3	
Nickel	6.9	5.0	mg/kg	SW846 6010B	07/24-07/27/08	KRK2T1A5
		Dilution Factor: 1		Analysis Time..: 22:51	Analyst ID.....: 400149	
		Instrument ID..: TRACEICP		MS Run #.....: 8206196	MDL.....: 0.13	
Lead	379	0.37	mg/kg	SW846 6010B	07/24-07/27/08	KRK2T1A6
		Dilution Factor: 1		Analysis Time..: 22:51	Analyst ID.....: 400149	
		Instrument ID..: TRACEICP		MS Run #.....: 8206196	MDL.....: 0.20	
Selenium	1.1	0.62	mg/kg	SW846 6010B	07/24-07/27/08	KRK2T1AA
		Dilution Factor: 1		Analysis Time..: 22:51	Analyst ID.....: 400149	
		Instrument ID..: TRACEICP		MS Run #.....: 8206196	MDL.....: 0.36	
Thallium	1.4 U	1.2	mg/kg	SW846 6010B	07/24-07/27/08	KRK2T1AC
		Dilution Factor: 1		Analysis Time..: 22:51	Analyst ID.....: 400149	
		Instrument ID..: TRACEICP		MS Run #.....: 8206196	MDL.....: 0.40	

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ENSR International

Client Sample ID: TP12(17)W(10.5-11)

TOTAL Metals

Lot-Sample #...: C8G160152-005 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	~~0.38 B~~ 1.2U	1.2	mg/kg	SW846 6010B	07/24-07/27/08	KRK2T1AD
		Dilution Factor: 1		Analysis Time..: 22:51	Analyst ID.....: 400149	
		Instrument ID..: TRACEICP		MS Run #.....: 8206196	MDL.....: 0.11	
Vanadium	10.8	6.2	mg/kg	SW846 6010B	07/24-07/27/08	KRK2T1AE
		Dilution Factor: 1		Analysis Time..: 22:51	Analyst ID.....: 400149	
		Instrument ID..: TRACEICP		MS Run #.....: 8206196	MDL.....: 0.32	
Zinc	167 J	2.5	mg/kg	SW846 6010B	07/24-07/27/08	KRK2T1AF
		Dilution Factor: 1		Analysis Time..: 22:51	Analyst ID.....: 400149	
		Instrument ID..: TRACEICP		MS Run #.....: 8206196	MDL.....: 0.43	
Prep Batch #...: 8207028						
Mercury	1.7	0.041	mg/kg	SW846 7471A	07/25/08	KRK2T1AG
		Dilution Factor: 1		Analysis Time..: 09:41	Analyst ID.....: 031043	
		Instrument ID..: HGHYDRA		MS Run #.....: 8207021	MDL.....: 0.0088	

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.

ENSR International

Client Sample ID: SB26(35-37.5)

GC/MS Volatiles

Lot-Sample #...:	C8K010195-001	Work Order #...:	K14F41AC	Matrix.....:	SO
Date Sampled...:	10/29/08	Date Received..:	11/01/08	MS Run #.....:	8312036
Prep Date.....:	11/07/08	Analysis Date..:	11/07/08		
Prep Batch #...:	8312063	Analysis Time..:	09:16		
Dilution Factor:	1	Initial Wgt/Vol:	5 g	Final Wgt/Vol..:	5 mL
% Moisture.....:	17	Analyst ID.....:	010099	Instrument ID..:	HP3
		Method.....:	SW846 8260B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND *4.0 UJ*	24	ug/kg	6.0
Benzene	ND	6.0	ug/kg	0.81
Bromodichloromethane	ND	6.0	ug/kg	0.68
Bromoform	ND	6.0	ug/kg	0.53
Bromomethane	ND	6.0	ug/kg	0.89
2-Butanone	ND	6.0	ug/kg	1.1
Carbon disulfide	ND	6.0	ug/kg	0.62
Carbon tetrachloride	ND	6.0	ug/kg	0.54
Chlorobenzene	ND	6.0	ug/kg	0.91
Chloroethane	ND	6.0	ug/kg	1.9
Chloroform	ND	6.0	ug/kg	0.71
Chloromethane	ND	6.0	ug/kg	1.0
Cyclohexane	ND	6.0	ug/kg	0.45
Dibromochloromethane	ND	6.0	ug/kg	0.86
1,2-Dibromo-3-chloro-propane	ND	6.0	ug/kg	0.90
1,2-Dibromoethane	ND	6.0	ug/kg	1.0
1,3-Dichlorobenzene	ND	6.0	ug/kg	0.79
1,4-Dichlorobenzene	ND	6.0	ug/kg	0.77
1,2-Dichlorobenzene	ND	6.0	ug/kg	0.96
Dichlorodifluoromethane	ND *6.0 UJ*	6.0	ug/kg	0.80
1,1-Dichloroethane	ND	6.0	ug/kg	0.69
1,2-Dichloroethane	ND	6.0	ug/kg	0.74
1,1-Dichloroethene	ND	6.0	ug/kg	1.0
cis-1,2-Dichloroethene	ND	6.0	ug/kg	0.85
trans-1,2-Dichloroethene	ND	6.0	ug/kg	0.72
1,2-Dichloropropane	ND	6.0	ug/kg	0.66
cis-1,3-Dichloropropene	ND	6.0	ug/kg	0.82
trans-1,3-Dichloropropene	ND	6.0	ug/kg	0.72
Ethylbenzene	ND	6.0	ug/kg	0.78
2-Hexanone	ND	6.0	ug/kg	0.83
Isopropylbenzene	ND	6.0	ug/kg	0.82
Methyl acetate	ND	6.0	ug/kg	1.1
Methylene chloride	ND	6.0	ug/kg	0.81
Methylcyclohexane	ND	6.0	ug/kg	0.88
4-Methyl-2-pentanone	ND	6.0	ug/kg	0.79
Methyl tert-butyl ether	ND	6.0	ug/kg	0.90

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ENSR International

Client Sample ID: SB26(35-37.5)

GC/MS Volatiles

Lot-Sample #...: C8K010195-001 **Work Order #...:** K14F41AC **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Styrene	ND	6.0	ug/kg	0.85
1,1,2,2-Tetrachloroethane	ND	6.0	ug/kg	0.87
1,2,4-Trichloro-benzene	ND	6.0	ug/kg	1.1
Tetrachloroethene	ND	6.0	ug/kg	0.82
1,1,1-Trichloroethane	ND	6.0	ug/kg	0.59
1,1,2-Trichloroethane	ND	6.0	ug/kg	1.0
Trichloroethene	ND	6.0	ug/kg	0.79
Trichlorofluoromethane	ND	6.0	ug/kg	1.1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	6.0	ug/kg	1.3
Vinyl chloride	ND	6.0	ug/kg	0.57
Xylenes (total)	ND	18	ug/kg	2.7
Toluene	ND	6.0	ug/kg	0.88

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	94	(52 - 124)
Toluene-d8	103	(72 - 127)
4-Bromofluorobenzene	97	(63 - 120)
Dibromofluoromethane	97	(68 - 121)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

ENSR International

Client Sample ID: SB26(35-37.5)

GC/MS Semivolatiles

Lot-Sample #...:	C8K010195-001	**Work Order #...:**	K14F41AD	**Matrix.....:**	SO
Date Sampled...:	10/29/08 14:00	**Date Received..:**	11/01/08 10:30	**MS Run #.....:**	8316293
Prep Date.....:	11/12/08	**Analysis Date..:**	11/13/08		
Prep Batch #...:	8316448	**Analysis Time..:**	09:23		
Dilution Factor:	1	**Initial Wgt/Vol:**	15 g	**Final Wgt/Vol..:**	5 mL
% Moisture.....:	17	**Analyst ID.....:**	003200	**Instrument ID..:**	731
		Method.....:	SW846 8270C		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	**39 J**	**81**	**ug/kg**	**21**
Acenaphthylene	**34 J**	**81**	**ug/kg**	**23**
Acetophenone	ND	400	ug/kg	24
Anthracene	ND	81	ug/kg	23
Atrazine	ND	400	ug/kg	28
Benzo(a)anthracene	ND	81	ug/kg	16
Benzo(a)pyrene	ND	81	ug/kg	12
Benzo(b)fluoranthene	ND	81	ug/kg	15
Benzo(ghi)perylene	ND	81	ug/kg	14
Benzo(k)fluoranthene	ND	81	ug/kg	13
Benzaldehyde	ND 400 U	400	ug/kg	42
1,1'-Biphenyl	**40 J**	**400**	**ug/kg**	**22**
bis(2-Chloroethoxy) methane	ND	400	ug/kg	19
bis(2-Chloroethyl)-ether	ND	81	ug/kg	9.0
bis(2-Ethylhexyl) phthalate	ND	400	ug/kg	31
4-Bromophenyl phenyl ether	ND	400	ug/kg	18
Butyl benzyl phthalate	ND	400	ug/kg	32
Caprolactam	ND	2100	ug/kg	76
Carbazole	ND	81	ug/kg	16
4-Chloroaniline	ND	400	ug/kg	34
4-Chloro-3-methylphenol	ND	400	ug/kg	24
2-Chloronaphthalene	ND	81	ug/kg	23
2-Chlorophenol	ND	400	ug/kg	20
4-Chlorophenyl phenyl ether	ND	400	ug/kg	20
Chrysene	ND	81	ug/kg	16
Dibenz(a,h)anthracene	ND	81	ug/kg	25
Dibenzofuran	ND	400	ug/kg	22
3,3'-Dichlorobenzidine	ND	400	ug/kg	90
2,4-Dichlorophenol	ND	81	ug/kg	12
Diethyl phthalate	**93 J**	**400**	**ug/kg**	**36**
2,4-Dimethylphenol	ND	400	ug/kg	17
Dimethyl phthalate	ND	400	ug/kg	23

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ENSR International

Client Sample ID: SB26(35-37.5)

GC/MS Semivolatiles

Lot-Sample #...: C8K010195-001 **Work Order #...:** K14F41AD **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-butyl phthalate	ND	400	ug/kg	66
4,6-Dinitro-2-methylphenol	ND	2100	ug/kg	280
2,4-Dinitrophenol	ND	2100	ug/kg	470
2,4-Dinitrotoluene	ND	400	ug/kg	21
2,6-Dinitrotoluene	ND	400	ug/kg	26
Di-n-octyl phthalate	ND	400	ug/kg	28
Fluoranthene	ND	81	ug/kg	26
Fluorene	ND	81	ug/kg	19
Hexachlorobenzene	ND	81	ug/kg	24
Hexachlorobutadiene	ND	81	ug/kg	24
Hexachlorocyclopentadiene	ND 400 UJ	400	ug/kg	18
Hexachloroethane	ND	400	ug/kg	18
Indeno(1,2,3-cd)pyrene	ND	81	ug/kg	14
Isophorone	ND	400	ug/kg	22
2-Methylnaphthalene	**24 J**	**81**	**ug/kg**	**22**
2-Methylphenol	ND	400	ug/kg	25
4-Methylphenol	ND	400	ug/kg	25
Naphthalene	**75 J**	**81**	**ug/kg**	**19**
2-Nitroaniline	ND	2100	ug/kg	24
3-Nitroaniline	ND	2100	ug/kg	34
4-Nitroaniline	ND	2100	ug/kg	17
Nitrobenzene	ND	81	ug/kg	10
2-Nitrophenol	ND	400	ug/kg	32
4-Nitrophenol	ND	2100	ug/kg	31
N-Nitrosodi-n-propylamine	ND	81	ug/kg	9.8
N-Nitrosodiphenylamine	ND	81	ug/kg	22
2,2'-oxybis(1-Chloropropane)	ND	81	ug/kg	24
Pentachlorophenol	ND	400	ug/kg	30
Phenanthrene	ND	81	ug/kg	19
Phenol	ND	81	ug/kg	24
Pyrene	ND	81	ug/kg	24
2,4,5-Trichlorophenol	ND	400	ug/kg	33
2,4,6-Trichlorophenol	ND	400	ug/kg	32

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ENSR International

Client Sample ID: SB26(35-37.5)

GC/MS Semivolatiles

Lot-Sample #...: C8K010195-001 **Work Order #...:** K14F41AD **Matrix.....:** SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	85	(50 - 124)
2-Fluorobiphenyl	84	(49 - 105)
2-Fluorophenol	82	(39 - 103)
Nitrobenzene-d5	86	(25 - 104)
Phenol-d5	82	(25 - 105)
Terphenyl-d14	84	(25 - 127)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

ENSR International

Client Sample ID: SB26(35-37.5)

TOTAL Metals

Lot-Sample #...: C8K010195-001 Matrix.....: SO
Date Sampled...: 10/29/08 Date Received..: 11/01/08
% Moisture.....: 17

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8316052						
Mercury	0.0058 B J	0.040	mg/kg	SW846 7471A	11/11/08	K14F41A5
		Dilution Factor: 1		Analysis Time..: 13:06	Analyst ID.....: 401509	
		Instrument ID..: HGHYDRA		MS Run #.....: 8316035	MDL.....: 0.0030	
Prep Batch #...: 8316240						
Silver	ND	0.60	mg/kg	SW846 6010B	11/11-11/12/08	K14F41AE
		Dilution Factor: 1		Analysis Time..: 09:21	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8316163	MDL.....: 0.080	
Aluminum	4140	24.1	mg/kg	SW846 6010B	11/11-11/12/08	K14F41AF
		Dilution Factor: 1		Analysis Time..: 09:21	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8316163	MDL.....: 2.9	
Arsenic	2.0	1.2	mg/kg	SW846 6010B	11/11-11/12/08	K14F41AG
		Dilution Factor: 1		Analysis Time..: 09:21	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8316163	MDL.....: 0.35	
Barium	23.8 B J	24.1	mg/kg	SW846 6010B	11/11-11/12/08	K14F41AH
		Dilution Factor: 1		Analysis Time..: 09:21	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8316163	MDL.....: 0.095	
Beryllium	0.33 B J	0.48	mg/kg	SW846 6010B	11/11-11/12/08	K14F41AJ
		Dilution Factor: 1		Analysis Time..: 09:21	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8316163	MDL.....: 0.018	
Calcium	19700	604	mg/kg	SW846 6010B	11/11-11/12/08	K14F41AK
		Dilution Factor: 1		Analysis Time..: 09:21	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8316163	MDL.....: 2.0	
Cadmium	0.14 B J	0.60	mg/kg	SW846 6010B	11/11-11/12/08	K14F41AL
		Dilution Factor: 1		Analysis Time..: 09:21	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8316163	MDL.....: 0.025	
Cobalt	4.4 B J	6.0	mg/kg	SW846 6010B	11/11-11/12/08	K14F41AM
		Dilution Factor: 1		Analysis Time..: 09:21	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8316163	MDL.....: 0.098	

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ENSR International

Client Sample ID: SB26(35-37.5)

TOTAL Metals

Lot-Sample #...: C8K010195-001 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium	6.6	0.60	mg/kg	SW846 6010B	11/11-11/12/08	K14F41AN
		Dilution Factor: 1		Analysis Time..: 09:21	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8316163	MDL.....: 0.068	
Copper	11.3	3.0	mg/kg	SW846 6010B	11/11-11/12/08	K14F41AP
		Dilution Factor: 1		Analysis Time..: 09:21	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8316163	MDL.....: 0.32	
Iron	11500	12.1	mg/kg	SW846 6010B	11/11-11/12/08	K14F41AQ
		Dilution Factor: 1		Analysis Time..: 09:21	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8316163	MDL.....: 1.6	
Potassium	725	604	mg/kg	SW846 6010B	11/11-11/12/08	K14F41AR
		Dilution Factor: 1		Analysis Time..: 09:21	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8316163	MDL.....: 90.5	
Magnesium	5240	604	mg/kg	SW846 6010B	11/11-11/12/08	K14F41AT
		Dilution Factor: 1		Analysis Time..: 09:21	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8316163	MDL.....: 2.5	
Manganese	260	1.8	mg/kg	SW846 6010B	11/11-11/12/08	K14F41AU
		Dilution Factor: 1		Analysis Time..: 09:21	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8316163	MDL.....: 0.074	
Sodium	90.2 B J	604	mg/kg	SW846 6010B	11/11-11/12/08	K14F41AV
		Dilution Factor: 1		Analysis Time..: 09:21	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8316163	MDL.....: 17.5	
Nickel	9.8	4.8	mg/kg	SW846 6010B	11/11-11/12/08	K14F41AW
		Dilution Factor: 1		Analysis Time..: 09:21	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8316163	MDL.....: 0.17	
Lead	4.2	0.36	mg/kg	SW846 6010B	11/11-11/12/08	K14F41AX
		Dilution Factor: 1		Analysis Time..: 09:21	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8316163	MDL.....: 0.19	
Selenium	ND	0.60	mg/kg	SW846 6010B	11/11-11/12/08	K14F41A0
		Dilution Factor: 1		Analysis Time..: 09:21	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8316163	MDL.....: 0.21	

(Continued on next page)

ENSR International

Client Sample ID: SB26(35-37.5)

TOTAL Metals

Lot-Sample #...: C8K010195-001 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Thallium	ND	1.2	mg/kg	SW846 6010B	11/11-11/12/08	K14F41A1
		Dilution Factor: 1		Analysis Time..: 09:21	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8316163	MDL.....: 0.37	
Antimony	ND	1.2	mg/kg	SW846 6010B	11/11-11/12/08	K14F41A2
		Dilution Factor: 1		Analysis Time..: 09:21	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8316163	MDL.....: 0.25	
Vanadium	**13.5**	**6.0**	**mg/kg**	**SW846 6010B**	**11/11-11/12/08**	**K14F41A3**
		Dilution Factor: 1		Analysis Time..: 09:21	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8316163	MDL.....: 0.29	
Zinc	**29.3 J**	**2.4**	**mg/kg**	**SW846 6010B**	**11/11-11/12/08**	**K14F41A4**
		Dilution Factor: 1		Analysis Time..: 09:21	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8316163	MDL.....: 0.22	

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.

AECOM, Inc

Client Sample ID: SB27(23-23.5)

GC/MS Volatiles

Lot-Sample #...:	C8L110357-001	Work Order #...:	K4JV61AC	Matrix.....:	SO
Date Sampled...:	12/08/08	Date Received..:	12/11/08	MS Run #.....:	8354159
Prep Date.....:	12/19/08	Analysis Date..:	12/19/08		
Prep Batch #...:	8354282	Analysis Time..:	13:07		
Dilution Factor:	10	Initial Wgt/Vol:	5 g	Final Wgt/Vol..:	5 mL
% Moisture.....:	15	Analyst ID.....:	034635	Instrument ID..:	HP3
		Method.....:	SW846 8260B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	12000	ug/kg	3000
Benzene	ND	3000	ug/kg	580
Bromodichloromethane	ND	3000	ug/kg	550
Bromoform	ND	3000	ug/kg	630
Bromomethane	ND	3000	ug/kg	930
2-Butanone	ND	3000	ug/kg	640
Carbon disulfide	ND	3000	ug/kg	630
Carbon tetrachloride	ND	3000	ug/kg	640
Chlorobenzene	ND	3000	ug/kg	310
Chloroethane	ND	3000	ug/kg	440
Chloroform	ND	3000	ug/kg	600
Chloromethane	ND	3000	ug/kg	820
Cyclohexane	ND	3000	ug/kg	350
Dibromochloromethane	ND	3000	ug/kg	380
1,2-Dibromo-3-chloro-propane	ND	3000	ug/kg	210
1,2-Dibromoethane	ND	3000	ug/kg	360
1,3-Dichlorobenzene	ND	3000	ug/kg	300
1,4-Dichlorobenzene	ND	3000	ug/kg	310
1,2-Dichlorobenzene	ND	3000	ug/kg	400
Dichlorodifluoromethane	ND	3000	ug/kg	380
1,1-Dichloroethane	ND	3000	ug/kg	600
1,2-Dichloroethane	ND	3000	ug/kg	570
1,1-Dichloroethene	ND	3000	ug/kg	630
cis-1,2-Dichloroethene	ND	3000	ug/kg	390
trans-1,2-Dichloroethene	ND	3000	ug/kg	440
1,2-Dichloropropane	ND	3000	ug/kg	750
cis-1,3-Dichloropropene	ND	3000	ug/kg	430
trans-1,3-Dichloropropene	ND	3000	ug/kg	340
Ethylbenzene	ND	3000	ug/kg	370
2-Hexanone	ND	3000	ug/kg	340
Isopropylbenzene	**1900 J**	**3000**	**ug/kg**	**310**
Methyl acetate	ND	3000	ug/kg	730
Methylene chloride	ND	3000	ug/kg	640
Methylcyclohexane	ND	3000	ug/kg	330
4-Methyl-2-pentanone	ND	3000	ug/kg	350
Methyl tert-butyl ether	ND	3000	ug/kg	610

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AECOM, Inc

Client Sample ID: SB27(23-23.5)

GC/MS Volatiles

Lot-Sample #...: C8L110357-001 Work Order #...: K4JV61AC Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Styrene	ND	3000	ug/kg	380
1,1,2,2-Tetrachloroethane	ND	3000	ug/kg	550
1,2,4-Trichloro-benzene	ND	3000	ug/kg	220
Tetrachloroethene	ND	3000	ug/kg	490
1,1,1-Trichloroethane	ND	3000	ug/kg	610
1,1,2-Trichloroethane	ND	3000	ug/kg	690
Trichloroethene	ND	3000	ug/kg	470
Trichlorofluoromethane	ND	3000	ug/kg	660
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	3000	ug/kg	200
Vinyl chloride	ND	3000	ug/kg	760
Xylenes (total)	ND	8900	ug/kg	1200
Toluene	ND	3000	ug/kg	500

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	106	(52 - 124)
Toluene-d8	100	(72 - 127)
4-Bromofluorobenzene	106	(63 - 120)
Dibromofluoromethane	105	(68 - 121)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

AECOM, Inc

Client Sample ID: SB27(23-23.5)

GC/MS Semivolatiles

Lot-Sample #...:	C8L110357-001	**Work Order #...:**	K4JV61AD	**Matrix.....:**	SO
Date Sampled...:	12/08/08 10:15	**Date Received..:**	12/11/08 09:50	**MS Run #.....:**	8347019
Prep Date.....:	12/12/08	**Analysis Date..:**	12/13/08		
Prep Batch #...:	8347029	**Analysis Time..:**	10:12		
Dilution Factor:	9.93	**Initial Wgt/Vol:**	15.1 g	**Final Wgt/Vol..:**	5 mL
% Moisture.....:	15	**Analyst ID.....:**	003200	**Instrument ID..:**	733
		Method.....:	SW846 8270C		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	**43000**	**790**	**ug/kg**	**130**
Acenaphthylene	**120000**	**790**	**ug/kg**	**160**
Acetophenone	ND	3900	ug/kg	180
Anthracene	**97000**	**790**	**ug/kg**	**140**
Atrazine	ND	3900	ug/kg	190
Benzo(a)anthracene	**55000**	**790**	**ug/kg**	**120**
Benzo(a)pyrene	**37000**	**790**	**ug/kg**	**220**
Benzo(b)fluoranthene	**30000**	**790**	**ug/kg**	**160**
Benzo(ghi)perylene	**16000**	**790**	**ug/kg**	**57**
Benzo(k)fluoranthene	ND	790	ug/kg	160
Benzaldehyde	ND	3900	ug/kg	100
1,1'-Biphenyl	**38000**	**3900**	**ug/kg**	**180**
bis(2-Chloroethoxy) methane	ND	3900	ug/kg	160
bis(2-Chloroethyl)-ether	ND	790	ug/kg	69
bis(2-Ethylhexyl) phthalate	ND	3900	ug/kg	330
4-Bromophenyl phenyl ether	ND	3900	ug/kg	170
Butyl benzyl phthalate	ND	3900	ug/kg	270
Caprolactam	ND	20000	ug/kg	510
Carbazole	ND	790	ug/kg	100
4-Chloroaniline	ND	3900	ug/kg	120
4-Chloro-3-methylphenol	ND	3900	ug/kg	120
2-Chloronaphthalene	ND	790	ug/kg	110
2-Chlorophenol	ND	3900	ug/kg	120
4-Chlorophenyl phenyl ether	ND	3900	ug/kg	170
Chrysene	**47000**	**790**	**ug/kg**	**140**
Dibenz(a,h)anthracene	**4700**	**790**	**ug/kg**	**170**
Dibenzofuran	ND	3900	ug/kg	130
3,3'-Dichlorobenzidine	ND	3900	ug/kg	740
2,4-Dichlorophenol	ND	790	ug/kg	160
Diethyl phthalate	ND	3900	ug/kg	220
2,4-Dimethylphenol	ND	3900	ug/kg	160
Dimethyl phthalate	ND	3900	ug/kg	130

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AECOM, Inc

Client Sample ID: SB27(23-23.5)

GC/MS Semivolatiles

Lot-Sample #...: C8L110357-001 Work Order #...: K4JV61AD Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-butyl phthalate	ND	3900	ug/kg	220
4,6-Dinitro-2-methylphenol	ND	20000	ug/kg	3800
2,4-Dinitrophenol	ND	20000	ug/kg	1300
2,4-Dinitrotoluene	ND	3900	ug/kg	180
2,6-Dinitrotoluene	ND	3900	ug/kg	200
Di-n-octyl phthalate	ND	3900	ug/kg	100
Fluoranthene	**100000**	**790**	**ug/kg**	**66**
Fluorene 130000	~~**160000 E**~~	**790**	**ug/kg**	**120**
Hexachlorobenzene	ND	790	ug/kg	150
Hexachlorobutadiene	ND	790	ug/kg	170
Hexachlorocyclopenta-diene	ND	3900	ug/kg	150
Hexachloroethane	ND	3900	ug/kg	130
Indeno(1,2,3-cd)pyrene	**12000**	**790**	**ug/kg**	**43**
Isophorone	ND	3900	ug/kg	150
2-Methylnaphthalene	**34000**	**790**	**ug/kg**	**150**
2-Methylphenol	ND	3900	ug/kg	140
4-Methylphenol	ND	3900	ug/kg	170
Naphthalene 55000	~~**330000 E**~~	**790**	**ug/kg**	**110**
2-Nitroaniline	ND	20000	ug/kg	240
3-Nitroaniline	ND	20000	ug/kg	130
4-Nitroaniline	ND	20000	ug/kg	190
Nitrobenzene	ND	790	ug/kg	200
2-Nitrophenol	ND	3900	ug/kg	150
4-Nitrophenol	ND	20000	ug/kg	2300
N-Nitrosodi-n-propyl-amine	ND	790	ug/kg	220
N-Nitrosodiphenylamine	ND	790	ug/kg	160
2,2'-oxybis (1-Chloropropane)	ND	790	ug/kg	170
Pentachlorophenol	ND	3900	ug/kg	680
Phenanthrene 340000	~~**240000 E**~~	**790**	**ug/kg**	**93**
Phenol	ND	790	ug/kg	160
Pyrene	**110000**	**790**	**ug/kg**	**210**
2,4,5-Trichloro-phenol	ND	3900	ug/kg	97
2,4,6-Trichloro-phenol	ND	3900	ug/kg	190

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AECOM, Inc

Client Sample ID: SB27(23-23.5)

GC/MS Semivolatiles

Lot-Sample #...: C8L110357-001 Work Order #...: K4JV61AD Matrix.....: SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	100	(50 - 124)
2-Fluorobiphenyl	94	(49 - 105)
2-Fluorophenol	81	(39 - 103)
Nitrobenzene-d5	98	(25 - 104)
Phenol-d5	88	(25 - 105)
Terphenyl-d14	86	(25 - 127)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

E Estimated result. Result concentration exceeds the calibration range.

AECOM, Inc

Client Sample ID: SB27(23-23.5) DL

GC/MS Semivolatiles

Lot-Sample #...:	C8L110357-001	Work Order #...:	K4JV62AD	Matrix.....:	SO
Date Sampled...:	12/08/08 10:15	Date Received..:	12/11/08 09:50	MS Run #.....:	8347019
Prep Date.....:	12/12/08	Analysis Date..:	12/15/08		
Prep Batch #...:	8347029	Analysis Time..:	00:23		
Dilution Factor:	99.34	Initial Wgt/Vol:	15.1 g	Final Wgt/Vol..:	5 mL
% Moisture.....:	15	Analyst ID.....:	003200	Instrument ID..:	733
		Method.....:	SW846 8270C		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	**50000**	**7900**	**ug/kg**	**1300**
Acenaphthylene	**140000**	**7900**	**ug/kg**	**1600**
Acetophenone	ND	39000	ug/kg	1800
Anthracene	**110000**	**7900**	**ug/kg**	**1400**
Atrazine	ND	39000	ug/kg	1900
Benzo(a)anthracene	**61000**	**7900**	**ug/kg**	**1200**
Benzo(a)pyrene	**38000**	**7900**	**ug/kg**	**2200**
Benzo(b)fluoranthene	**32000**	**7900**	**ug/kg**	**1600**
Benzo(ghi)perylene	**15000**	**7900**	**ug/kg**	**580**
Benzo(k)fluoranthene	ND	7900	ug/kg	1600
Benzaldehyde	ND	39000	ug/kg	1000
1,1'-Biphenyl	**46000**	**39000**	**ug/kg**	**1800**
bis(2-Chloroethoxy) methane	ND	39000	ug/kg	1600
bis(2-Chloroethyl)-ether	ND	7900	ug/kg	690
bis(2-Ethylhexyl) phthalate	ND	39000	ug/kg	3300
4-Bromophenyl phenyl ether	ND	39000	ug/kg	1700
Butyl benzyl phthalate	ND	39000	ug/kg	2700
Caprolactam	ND	200000	ug/kg	5100
Carbazole	ND	7900	ug/kg	1000
4-Chloroaniline	ND	39000	ug/kg	1200
4-Chloro-3-methylphenol	ND	39000	ug/kg	1200
2-Chloronaphthalene	ND	7900	ug/kg	1100
2-Chlorophenol	ND	39000	ug/kg	1200
4-Chlorophenyl phenyl ether	ND	39000	ug/kg	1700
Chrysene	**47000**	**7900**	**ug/kg**	**1400**
Dibenz(a,h)anthracene	**4600 J**	**7900**	**ug/kg**	**1700**
Dibenzofuran	ND	39000	ug/kg	1300
3,3'-Dichlorobenzidine	ND	39000	ug/kg	7400
2,4-Dichlorophenol	ND	7900	ug/kg	1600
Diethyl phthalate	ND	39000	ug/kg	2200
2,4-Dimethylphenol	ND	39000	ug/kg	1600
Dimethyl phthalate	ND	39000	ug/kg	1300

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AECOM, Inc

Client Sample ID: SB27(23-23.5)

GC/MS Semivolatiles

Lot-Sample #...: C8L110357-001 Work Order #...: K4JV62AD Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-butyl phthalate	ND	39000	ug/kg	2200
4,6-Dinitro-2-methylphenol	ND	200000	ug/kg	38000
2,4-Dinitrophenol	ND	200000	ug/kg	13000
2,4-Dinitrotoluene	ND	39000	ug/kg	1800
2,6-Dinitrotoluene	ND	39000	ug/kg	2000
Di-n-octyl phthalate	ND	39000	ug/kg	1000
Fluoranthene	**99000**	**7900**	**ug/kg**	**660**
Fluorene	**130000**	**7900**	**ug/kg**	**1200**
Hexachlorobenzene	ND	7900	ug/kg	1500
Hexachlorobutadiene	ND	7900	ug/kg	1700
Hexachlorocyclopentadiene	ND	39000	ug/kg	1500
Hexachloroethane	ND	39000	ug/kg	1300
Indeno(1,2,3-cd)pyrene	**11000**	**7900**	**ug/kg**	**430**
Isophorone	ND	39000	ug/kg	1500
2-Methylnaphthalene	**38000**	**7900**	**ug/kg**	**1500**
2-Methylphenol	ND	39000	ug/kg	1400
4-Methylphenol	ND	39000	ug/kg	1700
Naphthalene	**550000**	**7900**	**ug/kg**	**1100**
2-Nitroaniline	ND	200000	ug/kg	2400
3-Nitroaniline	ND	200000	ug/kg	1300
4-Nitroaniline	ND	200000	ug/kg	1900
Nitrobenzene	ND	7900	ug/kg	2000
2-Nitrophenol	ND	39000	ug/kg	1500
4-Nitrophenol	ND	200000	ug/kg	23000
N-Nitrosodi-n-propylamine	ND	7900	ug/kg	2200
N-Nitrosodiphenylamine	ND	7900	ug/kg	1600
2,2'-oxybis(1-Chloropropane)	ND	7900	ug/kg	1700
Pentachlorophenol	ND	39000	ug/kg	6800
Phenanthrene	**340000**	**7900**	**ug/kg**	**930**
Phenol	ND	7900	ug/kg	1600
Pyrene	**130000**	**7900**	**ug/kg**	**2100**
2,4,5-Trichlorophenol	ND	39000	ug/kg	970
2,4,6-Trichlorophenol	ND	39000	ug/kg	1900

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AECOM, Inc

Client Sample ID: SB27(23-23.5)D

GC/MS Semivolatiles

Lot-Sample #...: C8L110357-001 Work Order #...: K4JV62AD Matrix.....: SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	NC,DIL	(50 - 124)
2-Fluorobiphenyl	NC,DIL	(49 - 105)
2-Fluorophenol	NC,DIL	(39 - 103)
Nitrobenzene-d5	NC,DIL	(25 - 104)
Phenol-d5	NC,DIL	(25 - 105)
Terphenyl-d14	NC,DIL	(25 - 127)

NOTE(S):

NC The recovery and/or RPD were not calculated.

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.

AECOM, Inc

Client Sample ID: SB27(23-23.5)

TOTAL Metals

Lot-Sample #...: C8L110357-001 Matrix.....: SO
Date Sampled...: 12/08/08 Date Received..: 12/11/08
% Moisture.....: 15

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8347504						
Silver	ND	0.59	mg/kg	SW846 6010B	12/12-12/23/08	K4JV61AE
		Dilution Factor: 1		Analysis Time..: 19:36	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 0.078	
Aluminum	**3020**	**23.6**	**mg/kg**	**SW846 6010B**	**12/12-12/23/08**	**K4JV61AF**
		Dilution Factor: 1		Analysis Time..: 19:36	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 2.8	
Arsenic	**2.1**	**1.2**	**mg/kg**	**SW846 6010B**	**12/12-12/23/08**	**K4JV61AG**
		Dilution Factor: 1		Analysis Time..: 19:36	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 0.34	
Barium	**37.8**	**23.6**	**mg/kg**	**SW846 6010B**	**12/12-12/23/08**	**K4JV61AH**
		Dilution Factor: 1		Analysis Time..: 19:36	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 0.093	
Beryllium	~~0.33 B,J~~ C4TU	**0.47**	**mg/kg**	**SW846 6010B**	**12/12-12/23/08**	**K4JV61AJ**
		Dilution Factor: 1		Analysis Time..: 19:36	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 0.018	
Calcium	**971**	**591**	**mg/kg**	**SW846 6010B**	**12/12-12/23/08**	**K4JV61AK**
		Dilution Factor: 1		Analysis Time..: 19:36	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 2.0	
Cadmium	ND	0.59	mg/kg	SW846 6010B	12/12-12/23/08	K4JV61AL
		Dilution Factor: 1		Analysis Time..: 19:36	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 0.025	
Cobalt	**3.4 B J**	**5.9**	**mg/kg**	**SW846 6010B**	**12/12-12/23/08**	**K4JV61AM**
		Dilution Factor: 1		Analysis Time..: 19:36	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 0.096	
Chromium	**5.0**	**0.59**	**mg/kg**	**SW846 6010B**	**12/12-12/23/08**	**K4JV61AN**
		Dilution Factor: 1		Analysis Time..: 19:36	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 0.066	

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AECOM, Inc

Client Sample ID: SB27(23-23.5)

TOTAL Metals

Lot-Sample #...: C8L110357-001 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Copper	8.3	3.0	mg/kg	SW846 6010B	12/12-12/23/08	K4JV61AP
		Dilution Factor: 1		Analysis Time..: 19:36	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 0.31	
Iron	10400	11.8	mg/kg	SW846 6010B	12/12-12/23/08	K4JV61AQ
		Dilution Factor: 1		Analysis Time..: 19:36	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 1.5	
Potassium	554 B J	591	mg/kg	SW846 6010B	12/12-12/23/08	K4JV61AR
		Dilution Factor: 1		Analysis Time..: 19:36	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 88.6	
Magnesium	1110	591	mg/kg	SW846 6010B	12/12-12/23/08	K4JV61AT
		Dilution Factor: 1		Analysis Time..: 19:36	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 2.5	
Manganese	55.1	1.8	mg/kg	SW846 6010B	12/12-12/23/08	K4JV61AU
		Dilution Factor: 1		Analysis Time..: 19:36	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 0.072	
Sodium	44.0 B J	591	mg/kg	SW846 6010B	12/12-12/23/08	K4JV61AV
		Dilution Factor: 1		Analysis Time..: 19:36	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 17.1	
Nickel	8.8	4.7	mg/kg	SW846 6010B	12/12-12/23/08	K4JV61AW
		Dilution Factor: 1		Analysis Time..: 19:36	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 0.17	
Lead	2.7	0.35	mg/kg	SW846 6010B	12/12-12/23/08	K4JV61AX
		Dilution Factor: 1		Analysis Time..: 19:36	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 0.19	
Selenium	2.1	0.59	mg/kg	SW846 6010B	12/12-12/23/08	K4JV61A0
		Dilution Factor: 1		Analysis Time..: 19:36	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 0.21	
Thallium	ND	1.2	mg/kg	SW846 6010B	12/12-12/23/08	K4JV61A1
		Dilution Factor: 1		Analysis Time..: 19:36	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 0.36	

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AECOM, Inc

Client Sample ID: SB27(23-23.5)

TOTAL Metals

Lot-Sample #...: C8L110357-001 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	ND	1.2	mg/kg	SW846 6010B	12/12-12/23/08	K4JV61A2
		Dilution Factor: 1		Analysis Time..: 19:36	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 0.25	
Vanadium	12.0	5.9	mg/kg	SW846 6010B	12/12-12/23/08	K4JV61A3
		Dilution Factor: 1		Analysis Time..: 19:36	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 0.29	
Zinc	24.5 J	2.4	mg/kg	SW846 6010B	12/12-12/23/08	K4JV61A4
		Dilution Factor: 1		Analysis Time..: 19:36	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 0.22	
Prep Batch #...: 8351215						
Mercury	0.0045 B J	0.039	mg/kg	SW846 7471A	12/16/08	K4JV61A5
		Dilution Factor: 1		Analysis Time..: 13:56	Analyst ID.....: 403938	
		Instrument ID..: HGHYDRA		MS Run #.....: 8351123	MDL.....: 0.0030	

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.

AECOM, Inc

Client Sample ID: SB27(35-36)

GC/MS Volatiles

Lot-Sample #...:	C8L110357-002	**Work Order #...:**	K4JWQ1AC	**Matrix.....:**	SO
Date Sampled...:	12/08/08	**Date Received..:**	12/11/08	**MS Run #.....:**	8352202
Prep Date.....:	12/17/08	**Analysis Date..:**	12/17/08		
Prep Batch #...:	8352263	**Analysis Time..:**	15:35		
Dilution Factor:	1	**Initial Wgt/Vol:**	5 g	**Final Wgt/Vol..:**	5 mL
% Moisture.....:	16	**Analyst ID.....:**	034635	**Instrument ID..:**	HP4
		Method.....:	SW846 8260B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND 24 U J	24	ug/kg	6.0
Benzene	ND	6.0	ug/kg	0.81
Bromodichloromethane	ND	6.0	ug/kg	0.67
Bromoform	ND	6.0	ug/kg	0.53
Bromomethane	ND	6.0	ug/kg	0.88
2-Butanone	ND	6.0	ug/kg	1.1
Carbon disulfide	ND	6.0	ug/kg	0.61
Carbon tetrachloride	ND	6.0	ug/kg	0.53
Chlorobenzene	ND	6.0	ug/kg	0.91
Chloroethane	ND	6.0	ug/kg	1.9
Chloroform	ND	6.0	ug/kg	0.70
Chloromethane	ND	6.0	ug/kg	1.0
Cyclohexane	ND	6.0	ug/kg	0.44
Dibromochloromethane	ND	6.0	ug/kg	0.85
1,2-Dibromo-3-chloro-propane	ND 6.0 U J	6.0	ug/kg	0.89
1,2-Dibromoethane	ND	6.0	ug/kg	1.0
1,3-Dichlorobenzene	ND	6.0	ug/kg	0.78
1,4-Dichlorobenzene	ND	6.0	ug/kg	0.76
1,2-Dichlorobenzene	ND	6.0	ug/kg	0.95
Dichlorodifluoromethane	ND	6.0	ug/kg	0.80
1,1-Dichloroethane	ND	6.0	ug/kg	0.69
1,2-Dichloroethane	ND	6.0	ug/kg	0.73
1,1-Dichloroethene	ND	6.0	ug/kg	1.0
cis-1,2-Dichloroethene	ND	6.0	ug/kg	0.84
trans-1,2-Dichloroethene	ND	6.0	ug/kg	0.71
1,2-Dichloropropane	ND	6.0	ug/kg	0.65
cis-1,3-Dichloropropene	ND	6.0	ug/kg	0.81
trans-1,3-Dichloropropene	ND	6.0	ug/kg	0.71
Ethylbenzene	ND	6.0	ug/kg	0.77
2-Hexanone	ND	6.0	ug/kg	0.83
Isopropylbenzene	ND	6.0	ug/kg	0.81
Methyl acetate	ND	6.0	ug/kg	1.1
Methylene chloride	ND	6.0	ug/kg	0.80
Methylcyclohexane	ND	6.0	ug/kg	0.87
4-Methyl-2-pentanone	ND	6.0	ug/kg	0.78
Methyl tert-butyl ether	ND	6.0	ug/kg	0.89

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AECOM, Inc

Client Sample ID: SB27(35-36)

GC/MS Volatiles

Lot-Sample #...: C8L110357-002 Work Order #...: K4JWQ1AC Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Styrene	ND	6.0	ug/kg	0.84
1,1,2,2-Tetrachloroethane	ND	6.0	ug/kg	0.86
1,2,4-Trichloro-benzene	ND	6.0	ug/kg	1.1
Tetrachloroethene	ND	6.0	ug/kg	0.81
1,1,1-Trichloroethane	ND	6.0	ug/kg	0.58
1,1,2-Trichloroethane	ND	6.0	ug/kg	0.99
Trichloroethene	ND	6.0	ug/kg	0.79
Trichlorofluoromethane	ND	6.0	ug/kg	1.1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	6.0	ug/kg	1.3
Vinyl chloride	ND	6.0	ug/kg	0.56
Xylenes (total)	ND	18	ug/kg	2.7
Toluene	ND	6.0	ug/kg	0.87

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	110	(52 - 124)
Toluene-d8	104	(72 - 127)
4-Bromofluorobenzene	71	(63 - 120)
Dibromofluoromethane	101	(68 - 121)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

AECOM, Inc

Client Sample ID: SB27(35-36)

GC/MS Semivolatiles

Lot-Sample #...:	C8L110357-002	**Work Order #...:**	K4JWQ1AD	**Matrix.....:**	SO
Date Sampled...:	12/08/08 12:16	**Date Received..:**	12/11/08 09:50	**MS Run #.....:**	8347019
Prep Date.....:	12/12/08	**Analysis Date..:**	12/13/08		
Prep Batch #...:	8347029	**Analysis Time..:**	10:31		
Dilution Factor:	0.99	**Initial Wgt/Vol:**	15.2 g	**Final Wgt/Vol..:**	5 mL
% Moisture.....:	16	**Analyst ID.....:**	003200	**Instrument ID..:**	733
		Method.....:	SW846 8270C		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	79	ug/kg	13
Acenaphthylene	**20 J**	**79**	**ug/kg**	**16**
Acetophenone	ND	390	ug/kg	18
Anthracene	ND	79	ug/kg	14
Atrazine	ND	390	ug/kg	19
Benzo(a)anthracene	ND	79	ug/kg	13
Benzo(a)pyrene	ND	79	ug/kg	22
Benzo(b)fluoranthene	ND	79	ug/kg	16
Benzo(ghi)perylene	ND	79	ug/kg	5.8
Benzo(k)fluoranthene	ND	79	ug/kg	16
Benzaldehyde	ND	390	ug/kg	10
1,1'-Biphenyl	ND	390	ug/kg	18
bis(2-Chloroethoxy) methane	ND	390	ug/kg	16
bis(2-Chloroethyl)-ether	ND	79	ug/kg	6.9
bis(2-Ethylhexyl) phthalate	**43 J**	**390**	**ug/kg**	**33**
4-Bromophenyl phenyl ether	ND	390	ug/kg	17
Butyl benzyl phthalate	ND	390	ug/kg	28
Caprolactam	ND	2000	ug/kg	52
Carbazole	ND	79	ug/kg	10
4-Chloroaniline	ND	390	ug/kg	12
4-Chloro-3-methylphenol	ND	390	ug/kg	12
2-Chloronaphthalene	ND	79	ug/kg	11
2-Chlorophenol	ND	390	ug/kg	12
4-Chlorophenyl phenyl ether	ND	390	ug/kg	17
Chrysene	ND	79	ug/kg	14
Dibenz(a,h)anthracene	ND	79	ug/kg	17
Dibenzofuran	ND	390	ug/kg	13
3,3'-Dichlorobenzidine	ND	390	ug/kg	75
2,4-Dichlorophenol	ND	79	ug/kg	16
Diethyl phthalate	**160 J**	**390**	**ug/kg**	**22**
2,4-Dimethylphenol	ND	390	ug/kg	17
Dimethyl phthalate	ND	390	ug/kg	13

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AECOM, Inc

Client Sample ID: SB27(35-36)

GC/MS Semivolatiles

Lot-Sample #...: C8L110357-002 Work Order #...: K4JWQ1AD Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-butyl phthalate	ND	390	ug/kg	22
4,6-Dinitro-2-methylphenol	ND	2000	ug/kg	380
2,4-Dinitrophenol	ND	2000	ug/kg	130
2,4-Dinitrotoluene	ND	390	ug/kg	18
2,6-Dinitrotoluene	ND	390	ug/kg	20
Di-n-octyl phthalate	ND	390	ug/kg	10
Fluoranthene	ND	79	ug/kg	6.7
Fluorene	ND	79	ug/kg	12
Hexachlorobenzene	ND	79	ug/kg	15
Hexachlorobutadiene	ND	79	ug/kg	17
Hexachlorocyclopenta-diene	ND	390	ug/kg	15
Hexachloroethane	ND	390	ug/kg	13
Indeno(1,2,3-cd)pyrene	ND	79	ug/kg	4.3
Isophorone	ND	390	ug/kg	15
2-Methylnaphthalene	ND	79	ug/kg	16
2-Methylphenol	ND	390	ug/kg	15
4-Methylphenol	ND	390	ug/kg	17
Naphthalene	**16 J**	**79**	**ug/kg**	**11**
2-Nitroaniline	ND	2000	ug/kg	24
3-Nitroaniline	ND	2000	ug/kg	13
4-Nitroaniline	ND	2000	ug/kg	19
Nitrobenzene	ND	79	ug/kg	20
2-Nitrophenol	ND	390	ug/kg	15
4-Nitrophenol	ND	2000	ug/kg	230
N-Nitrosodi-n-propyl-amine	ND	79	ug/kg	22
N-Nitrosodiphenylamine	ND	79	ug/kg	16
2,2'-oxybis (1-Chloropropane)	ND	79	ug/kg	17
Pentachlorophenol	ND	390	ug/kg	69
Phenanthrene	**18 J**	**79**	**ug/kg**	**9.4**
Phenol	ND	79	ug/kg	16
Pyrene	ND	79	ug/kg	21
2,4,5-Trichloro-phenol	ND	390	ug/kg	9.7
2,4,6-Trichloro-phenol	ND	390	ug/kg	20

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AECOM, Inc

Client Sample ID: SB27(35-36)

GC/MS Semivolatiles

Lot-Sample #...: C8L110357-002 Work Order #...: K4JWQ1AD Matrix.....: SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	80	(50 - 124)
2-Fluorobiphenyl	77	(49 - 105)
2-Fluorophenol	74	(39 - 103)
Nitrobenzene-d5	78	(25 - 104)
Phenol-d5	75	(25 - 105)
Terphenyl-d14	73	(25 - 127)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

AECOM, Inc

Client Sample ID: SB27(35-36)

TOTAL Metals

Lot-Sample #...: C8L110357-002 Matrix.....: SO
Date Sampled...: 12/08/08 Date Received..: 12/11/08
% Moisture.....: 16

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8347504						
Silver	ND	0.60	mg/kg	SW846 6010B	12/12-12/23/08	K4JWQ1AE
		Dilution Factor: 1		Analysis Time..: 20:04	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 0.079	
Aluminum	**3140**	**23.9**	**mg/kg**	**SW846 6010B**	**12/12-12/23/08**	**K4JWQ1AF**
		Dilution Factor: 1		Analysis Time..: 20:04	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 2.9	
Arsenic	**3.0**	**1.2**	**mg/kg**	**SW846 6010B**	**12/12-12/23/08**	**K4JWQ1AG**
		Dilution Factor: 1		Analysis Time..: 20:04	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 0.35	
Barium	**19.4 B**	**23.9**	**mg/kg**	**SW846 6010B**	**12/12-12/23/08**	**K4JWQ1AH**
		Dilution Factor: 1		Analysis Time..: 20:04	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 0.094	
Beryllium	~~**0.28 B,J**~~ 0.48U	**0.48**	**mg/kg**	**SW846 6010B**	**12/12-12/23/08**	**K4JWQ1AJ**
		Dilution Factor: 1		Analysis Time..: 20:04	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 0.018	
Calcium	**24100**	**598**	**mg/kg**	**SW846 6010B**	**12/12-12/23/08**	**K4JWQ1AK**
		Dilution Factor: 1		Analysis Time..: 20:04	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 2.0	
Cadmium	ND	0.60	mg/kg	SW846 6010B	12/12-12/23/08	K4JWQ1AL
		Dilution Factor: 1		Analysis Time..: 20:04	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 0.025	
Cobalt	**3.2 B J**	**6.0**	**mg/kg**	**SW846 6010B**	**12/12-12/23/08**	**K4JWQ1AM**
		Dilution Factor: 1		Analysis Time..: 20:04	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 0.097	
Chromium	**5.4**	**0.60**	**mg/kg**	**SW846 6010B**	**12/12-12/23/08**	**K4JWQ1AN**
		Dilution Factor: 1		Analysis Time..: 20:04	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 0.067	

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AECOM, Inc

Client Sample ID: SB27(35-36)

TOTAL Metals

Lot-Sample #...: C8L110357-002 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Copper	6.9	3.0	mg/kg	SW846 6010B	12/12-12/23/08	K4JWQ1AP
		Dilution Factor: 1		Analysis Time..: 20:04	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 0.32	
Iron	10300	12.0	mg/kg	SW846 6010B	12/12-12/23/08	K4JWQ1AQ
		Dilution Factor: 1		Analysis Time..: 20:04	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 1.5	
Potassium	630	598	mg/kg	SW846 6010B	12/12-12/23/08	K4JWQ1AR
		Dilution Factor: 1		Analysis Time..: 20:04	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 89.6	
Magnesium	5360	598	mg/kg	SW846 6010B	12/12-12/23/08	K4JWQ1AT
		Dilution Factor: 1		Analysis Time..: 20:04	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 2.5	
Manganese	207	1.8	mg/kg	SW846 6010B	12/12-12/23/08	K4JWQ1AU
		Dilution Factor: 1		Analysis Time..: 20:04	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 0.073	
Sodium	101 B J	598	mg/kg	SW846 6010B	12/12-12/23/08	K4JWQ1AV
		Dilution Factor: 1		Analysis Time..: 20:04	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 17.3	
Nickel	8.6	4.8	mg/kg	SW846 6010B	12/12-12/23/08	K4JWQ1AW
		Dilution Factor: 1		Analysis Time..: 20:04	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 0.17	
Lead	3.1	0.36	mg/kg	SW846 6010B	12/12-12/23/08	K4JWQ1AX
		Dilution Factor: 1		Analysis Time..: 20:04	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 0.19	
Selenium	ND	0.60	mg/kg	SW846 6010B	12/12-12/23/08	K4JWQ1A0
		Dilution Factor: 1		Analysis Time..: 20:04	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 0.21	
Thallium	ND	1.2	mg/kg	SW846 6010B	12/12-12/23/08	K4JWQ1A1
		Dilution Factor: 1		Analysis Time..: 20:04	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 0.37	

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AECOM, Inc

Client Sample ID: SB27(35-36)

TOTAL Metals

Lot-Sample #...: C8L110357-002 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	ND	1.2	mg/kg	SW846 6010B	12/12-12/23/08	K4JWQ1A2
		Dilution Factor: 1		Analysis Time..: 20:04	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 0.25	
Vanadium	12.1	6.0	mg/kg	SW846 6010B	12/12-12/23/08	K4JWQ1A3
		Dilution Factor: 1		Analysis Time..: 20:04	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 0.29	
Zinc	23.6 J	2.4	mg/kg	SW846 6010B	12/12-12/23/08	K4JWQ1A4
		Dilution Factor: 1		Analysis Time..: 20:04	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 0.22	
Prep Batch #...: 8351215						
Mercury	0.0084 B	0.039	mg/kg	SW846 7471A	12/16/08	K4JWQ1A5
		Dilution Factor: 1		Analysis Time..: 14:01	Analyst ID.....: 403938	
		Instrument ID..: HGHYDRA		MS Run #.....: 8351123	MDL.....: 0.0030	

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.

ENSR International

Client Sample ID: SB28(33.5-35)

GC/MS Volatiles

Lot-Sample #...:	C8J290111-005	**Work Order #...:**	K1TDK1AK	**Matrix.....:**	SO
Date Sampled...:	10/23/08	**Date Received..:**	10/28/08	**MS Run #.....:**	8304314
Prep Date.....:	10/31/08	**Analysis Date..:**	10/31/08		
Prep Batch #...:	8304532	**Analysis Time..:**	12:45		
Dilution Factor:	1	**Initial Wgt/Vol:**	5 g	**Final Wgt/Vol..:**	5 mL
% Moisture.....:	17	**Analyst ID.....:**	010099	**Instrument ID..:**	HP3
		Method.....:	SW846 8260B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	**24**	ug/kg	6.0
Benzene	ND	6.0	ug/kg	0.81
Bromodichloromethane	ND	6.0	ug/kg	0.68
Bromoform	ND	6.0	ug/kg	0.53
Bromomethane	ND	6.0	ug/kg	0.89
2-Butanone	ND	6.0	ug/kg	1.1
Carbon disulfide	ND	6.0	ug/kg	0.62
Carbon tetrachloride	ND	6.0	ug/kg	0.54
Chlorobenzene	ND	6.0	ug/kg	0.91
Chloroethane	ND	6.0	ug/kg	1.9
Chloroform	ND	6.0	ug/kg	0.71
Chloromethane	ND	6.0	ug/kg	1.0
Cyclohexane	ND	6.0	ug/kg	0.45
Dibromochloromethane	ND	6.0	ug/kg	0.86
1,2-Dibromo-3-chloro-propane	ND	6.0	ug/kg	0.90
1,2-Dibromoethane	ND	6.0	ug/kg	1.0
1,3-Dichlorobenzene	ND	6.0	ug/kg	0.79
1,4-Dichlorobenzene	ND	6.0	ug/kg	0.77
1,2-Dichlorobenzene	ND	6.0	ug/kg	0.96
Dichlorodifluoromethane	ND	6.0	ug/kg	0.80
1,1-Dichloroethane	ND	6.0	ug/kg	0.69
1,2-Dichloroethane	ND	6.0	ug/kg	0.74
1,1-Dichloroethene	ND	6.0	ug/kg	1.0
cis-1,2-Dichloroethene	ND	6.0	ug/kg	0.85
trans-1,2-Dichloroethene	ND	6.0	ug/kg	0.72
1,2-Dichloropropane	ND	6.0	ug/kg	0.65
cis-1,3-Dichloropropene	ND	6.0	ug/kg	0.82
trans-1,3-Dichloropropene	ND	6.0	ug/kg	0.72
Ethylbenzene	ND	6.0	ug/kg	0.77
2-Hexanone	ND	6.0	ug/kg	0.83
Isopropylbenzene	ND	6.0	ug/kg	0.82
Methyl acetate	ND	6.0	ug/kg	1.1
Methylene chloride	~~**1.6 J,B**~~ 6.0 U	**6.0**	**ug/kg**	**0.81**
Methylcyclohexane	ND	6.0	ug/kg	0.87
4-Methyl-2-pentanone	ND	6.0	ug/kg	0.79
Methyl tert-butyl ether	ND	6.0	ug/kg	0.90

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ENSR International

Client Sample ID: SB28(33.5-35)

GC/MS Volatiles

Lot-Sample #...: C8J290111-005 **Work Order #...:** K1TDK1AK **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Styrene	ND	6.0	ug/kg	0.85
1,1,2,2-Tetrachloroethane	ND	6.0	ug/kg	0.87
1,2,4-Trichloro-benzene	ND 6.0 UJ	6.0	ug/kg	1.1
Tetrachloroethene	ND	6.0	ug/kg	0.82
1,1,1-Trichloroethane	ND	6.0	ug/kg	0.59
1,1,2-Trichloroethane	ND	6.0	ug/kg	1.0
Trichloroethene	ND	6.0	ug/kg	0.79
Trichlorofluoromethane	ND	6.0	ug/kg	1.1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	6.0	ug/kg	1.3
Vinyl chloride	ND	6.0	ug/kg	0.57
Xylenes (total)	ND	18	ug/kg	2.7
Toluene	ND	6.0	ug/kg	0.88

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	100	(52 - 124)
Toluene-d8	103	(72 - 127)
4-Bromofluorobenzene	94	(63 - 120)
Dibromofluoromethane	96	(68 - 121)

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.

ENSR International

Client Sample ID: SB28(33.5-35)

GC/MS Semivolatiles

Lot-Sample #...:	C8J290111-005	Work Order #...:	K1TDK1AL	Matrix.....:	SO
Date Sampled...:	10/23/08 13:30	Date Received..:	10/28/08 10:00	MS Run #.....:	8309012
Prep Date.....:	11/04/08	Analysis Date..:	11/06/08		
Prep Batch #...:	8309020	Analysis Time..:	12:48		
Dilution Factor:	1	Initial Wgt/Vol:	15 g	Final Wgt/Vol..:	5 mL
% Moisture.....:	17	Analyst ID.....:	007062	Instrument ID..:	722
		Method.....:	SW846 8270C		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	81	ug/kg	21
Acenaphthylene	**26 J**	**81**	**ug/kg**	**23**
Acetophenone	ND	400	ug/kg	24
Anthracene	ND	81	ug/kg	23
Atrazine	ND 400 UJ	400	ug/kg	28
Benzo(a)anthracene	**19 J**	**81**	**ug/kg**	**16**
Benzo(a)pyrene	**13 J**	**81**	**ug/kg**	**12**
Benzo(b)fluoranthene	**24 J**	**81**	**ug/kg**	**15**
Benzo(ghi)perylene	ND	81	ug/kg	14
Benzo(k)fluoranthene	ND	81	ug/kg	13
Benzaldehyde	ND 400 UJ	400	ug/kg	42
1,1'-Biphenyl	ND	400	ug/kg	22
bis(2-Chloroethoxy) methane	ND	400	ug/kg	19
bis(2-Chloroethyl)-ether	ND	81	ug/kg	9.0
bis(2-Ethylhexyl) phthalate	ND	400	ug/kg	31
4-Bromophenyl phenyl ether	ND	400	ug/kg	18
Butyl benzyl phthalate	ND	400	ug/kg	32
Caprolactam	ND	2000	ug/kg	76
Carbazole	ND	81	ug/kg	16
4-Chloroaniline	ND	400	ug/kg	34
4-Chloro-3-methylphenol	ND	400	ug/kg	24
2-Chloronaphthalene	ND	81	ug/kg	23
2-Chlorophenol	ND	400	ug/kg	20
4-Chlorophenyl phenyl ether	ND	400	ug/kg	20
Chrysene	**16 J**	**81**	**ug/kg**	**16**
Dibenz(a,h)anthracene	ND	81	ug/kg	25
Dibenzofuran	ND	400	ug/kg	22
3,3'-Dichlorobenzidine	ND 400 UJ	400	ug/kg	90
2,4-Dichlorophenol	ND	81	ug/kg	12
Diethyl phthalate	ND	400	ug/kg	36
2,4-Dimethylphenol	ND	400	ug/kg	17
Dimethyl phthalate	ND	400	ug/kg	23

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ENSR International

Client Sample ID: SB28(33.5-35)

GC/MS Semivolatiles

Lot-Sample #...: C8J290111-005 Work Order #...: K1TDK1AL Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-butyl phthalate	ND	400	ug/kg	66
4,6-Dinitro-2-methylphenol	ND 2000 UJ	2000	ug/kg	280
2,4-Dinitrophenol	ND 2000 UJ	2000	ug/kg	470
2,4-Dinitrotoluene	ND	400	ug/kg	21
2,6-Dinitrotoluene	ND	400	ug/kg	26
Di-n-octyl phthalate	ND	400	ug/kg	28
Fluoranthene	ND	81	ug/kg	26
Fluorene	ND	81	ug/kg	19
Hexachlorobenzene	ND	81	ug/kg	24
Hexachlorobutadiene	ND	81	ug/kg	24
Hexachlorocyclopentadiene	ND 400 UJ	400	ug/kg	18
Hexachloroethane	ND	400	ug/kg	18
Indeno(1,2,3-cd)pyrene	ND	81	ug/kg	14
Isophorone	ND	400	ug/kg	22
2-Methylnaphthalene	**54 J**	**81**	**ug/kg**	**22**
2-Methylphenol	ND	400	ug/kg	25
4-Methylphenol	ND	400	ug/kg	25
Naphthalene	**140**	**81**	**ug/kg**	**19**
2-Nitroaniline	ND	2000	ug/kg	24
3-Nitroaniline	ND	2000	ug/kg	34
4-Nitroaniline	ND	2000	ug/kg	17
Nitrobenzene	ND	81	ug/kg	9.9
2-Nitrophenol	ND	400	ug/kg	32
4-Nitrophenol	ND	2000	ug/kg	31
N-Nitrosodi-n-propylamine	ND	81	ug/kg	9.8
N-Nitrosodiphenylamine	ND	81	ug/kg	22
2,2'-oxybis (1-Chloropropane)	ND	81	ug/kg	24
Pentachlorophenol	ND	400	ug/kg	30
Phenanthrene	**51 J**	**81**	**ug/kg**	**19**
Phenol	**67 J**	**81**	**ug/kg**	**24**
Pyrene	ND	81	ug/kg	24
2,4,5-Trichlorophenol	ND	400	ug/kg	33
2,4,6-Trichlorophenol	ND	400	ug/kg	32

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ENSR International

Client Sample ID: SB28(33.5-35)

GC/MS Semivolatiles

Lot-Sample #...: C8J290111-005 Work Order #...: K1TDK1AL Matrix.....: SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	63	(50 - 124)
2-Fluorobiphenyl	68	(49 - 105)
2-Fluorophenol	73	(39 - 103)
Nitrobenzene-d5	64	(25 - 104)
Phenol-d5	71	(25 - 105)
Terphenyl-d14	66	(25 - 127)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

KNSR International

Client Sample ID: SB28(33.5-35)

TOTAL Metals

Lot-Sample #...: C8J290111-005 Matrix.....: SO
Date Sampled...: 10/23/08 Date Received..: 10/28/08
% Moisture.....: 17

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8306097						
Silver	ND	0.60	mg/kg	SW846 6010B	11/01-11/06/08	K1TDK1AM
		Dilution Factor: 1		Analysis Time..: 18:13	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 0.080	
Aluminum	2500	24.1	mg/kg	SW846 6010B	11/01-11/06/08	K1TDK1AN
		Dilution Factor: 1		Analysis Time..: 18:13	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 2.9	
Arsenic	1.5	1.2	mg/kg	SW846 6010B	11/01-11/06/08	K1TDK1AP
		Dilution Factor: 1		Analysis Time..: 18:13	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 0.35	
Barium	12.0 B J	24.1	mg/kg	SW846 6010B	11/01-11/06/08	K1TDK1AQ
		Dilution Factor: 1		Analysis Time..: 18:13	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 0.095	
Beryllium	~~0.31 B,J~~ 0.48U	0.48	mg/kg	SW846 6010B	11/01-11/06/08	K1TDK1AR
		Dilution Factor: 1		Analysis Time..: 18:13	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 0.018	
Calcium	22500 J	603	mg/kg	SW846 6010B	11/01-11/06/08	K1TDK1AT
		Dilution Factor: 1		Analysis Time..: 18:13	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 2.0	
Cadmium	0.19 B J	0.60	mg/kg	SW846 6010B	11/01-11/06/08	K1TDK1AU
		Dilution Factor: 1		Analysis Time..: 18:13	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 0.025	
Cobalt	2.5 B J	6.0	mg/kg	SW846 6010B	11/01-11/06/08	K1TDK1AV
		Dilution Factor: 1		Analysis Time..: 18:13	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 0.098	
Chromium	4.6	0.60	mg/kg	SW846 6010B	11/01-11/06/08	K1TDK1AW
		Dilution Factor: 1		Analysis Time..: 18:13	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 0.068	

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ENSR International

Client Sample ID: SB28(33.5-35)

TOTAL Metals

Lot-Sample #...: C8J290111-005 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Copper	5.8	3.0	mg/kg	SW846 6010B	11/01-11/06/08	K1TDK1AX
		Dilution Factor: 1		Analysis Time..: 18:13	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 0.32	
Iron	8750 J	12.1	mg/kg	SW846 6010B	11/01-11/06/08	K1TDK1A0
		Dilution Factor: 1		Analysis Time..: 18:13	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 1.6	
Potassium	463 B J	603	mg/kg	SW846 6010B	11/01-11/06/08	K1TDK1A1
		Dilution Factor: 1		Analysis Time..: 18:13	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 90.4	
Magnesium	4040	603	mg/kg	SW846 6010B	11/01-11/06/08	K1TDK1A2
		Dilution Factor: 1		Analysis Time..: 18:13	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 2.5	
Manganese	132	1.8	mg/kg	SW846 6010B	11/01-11/06/08	K1TDK1A3
		Dilution Factor: 1		Analysis Time..: 18:13	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 0.074	
Sodium	61.3 B J	603	mg/kg	SW846 6010B	11/01-11/06/08	K1TDK1A4
		Dilution Factor: 1		Analysis Time..: 18:13	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 17.5	
Nickel	5.9	4.8	mg/kg	SW846 6010B	11/01-11/06/08	K1TDK1A5
		Dilution Factor: 1		Analysis Time..: 18:13	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 0.17	
Lead	2.4	0.36	mg/kg	SW846 6010B	11/01-11/06/08	K1TDK1A6
		Dilution Factor: 1		Analysis Time..: 18:13	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 0.19	
Selenium	ND	0.60	mg/kg	SW846 6010B	11/01-11/06/08	K1TDK1AA
		Dilution Factor: 1		Analysis Time..: 18:13	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 0.21	
Thallium	ND	1.2	mg/kg	SW846 6010B	11/01-11/06/08	K1TDK1AC
		Dilution Factor: 1		Analysis Time..: 18:13	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 0.37	

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ENSR International

Client Sample ID: SB28(33.5-35)

TOTAL Metals

Lot-Sample #...: C8J290111-005 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	ND	1.2	mg/kg	SW846 6010B	11/01-11/06/08	K1TDK1AD
		Dilution Factor: 1		Analysis Time..: 18:13	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 0.25	
Vanadium	**11.0**	**6.0**	**mg/kg**	**SW846 6010B**	**11/01-11/06/08**	**K1TDK1AE**
		Dilution Factor: 1		Analysis Time..: 18:13	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 0.29	
Zinc	**21.1 J**	**2.4**	**mg/kg**	**SW846 6010B**	**11/01-11/06/08**	**K1TDK1AF**
		Dilution Factor: 1		Analysis Time..: 18:13	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 0.22	
Prep Batch #...: 8315024						
Mercury	**0.0036 B J**	**0.040**	**mg/kg**	**SW846 7471A**	**11/10/08**	**K1TDK1AG**
		Dilution Factor: 1		Analysis Time..: 10:04	Analyst ID.....: 031043	
		Instrument ID..: HGHYDRA		MS Run #.....: 8315018	MDL.....: 0.0030	

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.

ENSR International

Client Sample ID: SB28(47.5-50)

GC/MS Volatiles

Lot-Sample #...:	C8J290111-006	**Work Order #...:**	K1TDL1AK	**Matrix.....:**	SO
Date Sampled...:	10/23/08	**Date Received..:**	10/28/08	**MS Run #.....:**	8304314
Prep Date.....:	10/31/08	**Analysis Date..:**	10/31/08		
Prep Batch #...:	8304532	**Analysis Time..:**	13:10		
Dilution Factor:	1	**Initial Wgt/Vol:**	5 g	**Final Wgt/Vol..:**	5 mL
% Moisture.....:	14	**Analyst ID.....:**	010099	**Instrument ID..:**	HP3
		Method.....:	SW846 8260B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	23	ug/kg	5.8
Benzene	ND	5.8	ug/kg	0.78
Bromodichloromethane	ND	5.8	ug/kg	0.65
Bromoform	ND	5.8	ug/kg	0.51
Bromomethane	ND	5.8	ug/kg	0.86
2-Butanone	ND	5.8	ug/kg	1.0
Carbon disulfide	ND	5.8	ug/kg	0.59
Carbon tetrachloride	ND	5.8	ug/kg	0.52
Chlorobenzene	ND	5.8	ug/kg	0.88
Chloroethane	ND	5.8	ug/kg	1.8
Chloroform	ND	5.8	ug/kg	0.68
Chloromethane	ND	5.8	ug/kg	0.99
Cyclohexane	ND	5.8	ug/kg	0.43
Dibromochloromethane	ND	5.8	ug/kg	0.82
1,2-Dibromo-3-chloro-propane	ND	5.8	ug/kg	0.87
1,2-Dibromoethane	ND	5.8	ug/kg	1.0
1,3-Dichlorobenzene	ND	5.8	ug/kg	0.76
1,4-Dichlorobenzene	ND	5.8	ug/kg	0.74
1,2-Dichlorobenzene	ND	5.8	ug/kg	0.92
Dichlorodifluoromethane	ND	5.8	ug/kg	0.77
1,1-Dichloroethane	ND	5.8	ug/kg	0.67
1,2-Dichloroethane	ND	5.8	ug/kg	0.71
1,1-Dichloroethene	ND	5.8	ug/kg	0.98
cis-1,2-Dichloroethene	ND	5.8	ug/kg	0.81
trans-1,2-Dichloroethene	ND	5.8	ug/kg	0.69
1,2-Dichloropropane	ND	5.8	ug/kg	0.63
cis-1,3-Dichloropropene	ND	5.8	ug/kg	0.78
trans-1,3-Dichloropropene	ND	5.8	ug/kg	0.69
Ethylbenzene	ND	5.8	ug/kg	0.74
2-Hexanone	ND	5.8	ug/kg	0.80
Isopropylbenzene	ND	5.8	ug/kg	0.79
Methyl acetate	ND	5.8	ug/kg	1.0
Methylene chloride	~~1.7 J,B~~ 5.8 U	5.8	**ug/kg**	0.78
Methylcyclohexane	ND	5.8	ug/kg	0.84
4-Methyl-2-pentanone	ND	5.8	ug/kg	0.76
Methyl tert-butyl ether	ND	5.8	ug/kg	0.87

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ENSR International

Client Sample ID: SB28(47.5-50)

GC/MS Volatiles

Lot-Sample #...: C8J290111-006 **Work Order #...:** K1TDL1AK **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Styrene	ND	5.8	ug/kg	0.82
1,1,2,2-Tetrachloroethane	ND	5.8	ug/kg	0.83
1,2,4-Trichloro-benzene	ND 5.8 uJ	5.8	ug/kg	1.0
Tetrachloroethene	ND	5.8	ug/kg	0.79
1,1,1-Trichloroethane	ND	5.8	ug/kg	0.56
1,1,2-Trichloroethane	ND	5.8	ug/kg	0.96
Trichloroethene	ND	5.8	ug/kg	0.76
Trichlorofluoromethane	ND	5.8	ug/kg	1.1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	5.8	ug/kg	1.2
Vinyl chloride	ND	5.8	ug/kg	0.54
Xylenes (total)	ND	17	ug/kg	2.6
Toluene	ND	5.8	ug/kg	0.84

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	99	(52 - 124)
Toluene-d8	105	(72 - 127)
4-Bromofluorobenzene	91	(63 - 120)
Dibromofluoromethane	97	(68 - 121)

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.

ENSR International

Client Sample ID: SB28(47.5-50)

GC/MS Semivolatiles

Lot-Sample #...:	C8J290111-006	**Work Order #...:**	K1TDL1AL	**Matrix.....:**	SO
Date Sampled...:	10/23/08 14:00	**Date Received..:**	10/28/08 10:00	**MS Run #.....:**	8309012
Prep Date.....:	11/04/08	**Analysis Date..:**	11/06/08		
Prep Batch #...:	8309020	**Analysis Time..:**	13:10		
Dilution Factor:	1	**Initial Wgt/Vol:**	15 g	**Final Wgt/Vol..:**	5 mL
% Moisture.....:	14	**Analyst ID.....:**	007062	**Instrument ID..:**	722
		Method.....:	SW846 8270C		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	78	ug/kg	20
Acenaphthylene	ND	78	ug/kg	22
Acetophenone	ND	380	ug/kg	23
Anthracene	ND	78	ug/kg	22
Atrazine	ND 380 UJ	380	ug/kg	26
Benzo(a)anthracene	ND	78	ug/kg	15
Benzo(a)pyrene	ND	78	ug/kg	12
Benzo(b)fluoranthene	ND	78	ug/kg	15
Benzo(ghi)perylene	ND	78	ug/kg	13
Benzo(k)fluoranthene	ND	78	ug/kg	12
Benzaldehyde	ND 380 UJ	380	ug/kg	41
1,1'-Biphenyl	ND	380	ug/kg	21
bis(2-Chloroethoxy) methane	ND	380	ug/kg	18
bis(2-Chloroethyl)-ether	ND	78	ug/kg	8.6
bis(2-Ethylhexyl) phthalate	ND	380	ug/kg	29
4-Bromophenyl phenyl ether	ND	380	ug/kg	17
Butyl benzyl phthalate	ND	380	ug/kg	31
Caprolactam	ND	2000	ug/kg	73
Carbazole	ND	78	ug/kg	16
4-Chloroaniline	ND	380	ug/kg	33
4-Chloro-3-methylphenol	ND	380	ug/kg	23
2-Chloronaphthalene	ND	78	ug/kg	22
2-Chlorophenol	ND	380	ug/kg	19
4-Chlorophenyl phenyl ether	ND	380	ug/kg	19
Chrysene	ND	78	ug/kg	15
Dibenz(a,h)anthracene	ND	78	ug/kg	24
Dibenzofuran	ND	380	ug/kg	21
3,3'-Dichlorobenzidine	ND 380 UJ	380	ug/kg	86
2,4-Dichlorophenol	ND	78	ug/kg	11
Diethyl phthalate	ND	380	ug/kg	34
2,4-Dimethylphenol	ND	380	ug/kg	17
Dimethyl phthalate	ND	380	ug/kg	22

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ENSR International

Client Sample ID: SB28(47.5-50)

GC/MS Semivolatiles

Lot-Sample #...: C8J290111-006 Work Order #...: K1TDL1AL Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-butyl phthalate	ND	380	ug/kg	64
4,6-Dinitro-2-methylphenol	ND 2000 UJ	2000	ug/kg	270
2,4-Dinitrophenol	ND 2000 UJ	2000	ug/kg	450
2,4-Dinitrotoluene	ND	380	ug/kg	20
2,6-Dinitrotoluene	ND	380	ug/kg	25
Di-n-octyl phthalate	ND	380	ug/kg	27
Fluoranthene	ND	78	ug/kg	25
Fluorene	ND	78	ug/kg	19
Hexachlorobenzene	ND	78	ug/kg	23
Hexachlorobutadiene	ND	78	ug/kg	23
Hexachlorocyclopentadiene	ND 380 UJ	380	ug/kg	18
Hexachloroethane	ND	380	ug/kg	17
Indeno(1,2,3-cd)pyrene	ND	78	ug/kg	14
Isophorone	ND	380	ug/kg	21
2-Methylnaphthalene	**57 J**	**78**	**ug/kg**	**21**
2-Methylphenol	ND	380	ug/kg	24
4-Methylphenol	ND	380	ug/kg	24
Naphthalene	**91**	**78**	**ug/kg**	**19**
2-Nitroaniline	ND	2000	ug/kg	23
3-Nitroaniline	ND	2000	ug/kg	33
4-Nitroaniline	ND	2000	ug/kg	16
Nitrobenzene	ND	78	ug/kg	9.6
2-Nitrophenol	ND	380	ug/kg	31
4-Nitrophenol	ND	2000	ug/kg	30
N-Nitrosodi-n-propylamine	ND	78	ug/kg	9.4
N-Nitrosodiphenylamine	ND	78	ug/kg	21
2,2'-oxybis(1-Chloropropane)	ND	78	ug/kg	23
Pentachlorophenol	ND	380	ug/kg	29
Phenanthrene	ND	78	ug/kg	18
Phenol	**260**	**78**	**ug/kg**	**23**
Pyrene	ND	78	ug/kg	23
2,4,5-Trichlorophenol	ND	380	ug/kg	32
2,4,6-Trichlorophenol	ND	380	ug/kg	31

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ENSR International

Client Sample ID: SB28(47.5-50)

GC/MS Semivolatiles

Lot-Sample #...: C8J290111-006 Work Order #...: K1TDL1AL Matrix.....: SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	77	(50 - 124)
2-Fluorobiphenyl	83	(49 - 105)
2-Fluorophenol	89	(39 - 103)
Nitrobenzene-d5	81	(25 - 104)
Phenol-d5	85	(25 - 105)
Terphenyl-d14	71	(25 - 127)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

ENSR International

Client Sample ID: SB28(47.5-50)

TOTAL Metals

Lot-Sample #...: C8J290111-006 **Matrix.....:** SO
Date Sampled...: 10/23/08 **Date Received..:** 10/28/08
% Moisture.....: 14

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8306097						
Silver	ND	0.58	mg/kg	SW846 6010B	11/01-11/06/08	K1TDL1AM
		Dilution Factor: 1		Analysis Time..: 18:19	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 0.076	
Aluminum	**2820**	**23.2**	**mg/kg**	**SW846 6010B**	**11/01-11/06/08**	**K1TDL1AN**
		Dilution Factor: 1		Analysis Time..: 18:19	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 2.8	
Arsenic	**2.7**	**1.2**	**mg/kg**	**SW846 6010B**	**11/01-11/06/08**	**K1TDL1AP**
		Dilution Factor: 1		Analysis Time..: 18:19	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 0.33	
Barium	**14.3 B J**	**23.2**	**mg/kg**	**SW846 6010B**	**11/01-11/06/08**	**K1TDL1AQ**
		Dilution Factor: 1		Analysis Time..: 18:19	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 0.091	
Beryllium	~~**0.35 B,J**~~ 0.46 U	**0.46**	**mg/kg**	**SW846 6010B**	**11/01-11/06/08**	**K1TDL1AR**
		Dilution Factor: 1		Analysis Time..: 18:19	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 0.017	
Calcium	**29100 J**	**579**	**mg/kg**	**SW846 6010B**	**11/01-11/06/08**	**K1TDL1AT**
		Dilution Factor: 1		Analysis Time..: 18:19	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 2.0	
Cadmium	**0.21 B J**	**0.58**	**mg/kg**	**SW846 6010B**	**11/01-11/06/08**	**K1TDL1AU**
		Dilution Factor: 1		Analysis Time..: 18:19	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 0.024	
Cobalt	**3.0 B J**	**5.8**	**mg/kg**	**SW846 6010B**	**11/01-11/06/08**	**K1TDL1AV**
		Dilution Factor: 1		Analysis Time..: 18:19	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 0.094	
Chromium	**5.3**	**0.58**	**mg/kg**	**SW846 6010B**	**11/01-11/06/08**	**K1TDL1AW**
		Dilution Factor: 1		Analysis Time..: 18:19	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 0.065	

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ENSR International

Client Sample ID: SB28(47.5-50)

TOTAL Metals

Lot-Sample #...: C8J290111-006 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Copper	6.8	2.9	mg/kg	SW846 6010B	11/01-11/06/08	K1TDL1AX
		Dilution Factor: 1		Analysis Time..: 18:19	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 0.31	
Iron	8950 J	11.6	mg/kg	SW846 6010B	11/01-11/06/08	K1TDL1A0
		Dilution Factor: 1		Analysis Time..: 18:19	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 1.5	
Potassium	534 B J	579	mg/kg	SW846 6010B	11/01-11/06/08	K1TDL1A1
		Dilution Factor: 1		Analysis Time..: 18:19	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 86.8	
Magnesium	4610	579	mg/kg	SW846 6010B	11/01-11/06/08	K1TDL1A2
		Dilution Factor: 1		Analysis Time..: 18:19	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 2.4	
Manganese	172	1.7	mg/kg	SW846 6010B	11/01-11/06/08	K1TDL1A3
		Dilution Factor: 1		Analysis Time..: 18:19	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 0.071	
Sodium	82.6 B J	579	mg/kg	SW846 6010B	11/01-11/06/08	K1TDL1A4
		Dilution Factor: 1		Analysis Time..: 18:19	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 16.8	
Nickel	6.9	4.6	mg/kg	SW846 6010B	11/01-11/06/08	K1TDL1A5
		Dilution Factor: 1		Analysis Time..: 18:19	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 0.17	
Lead	2.7	0.35	mg/kg	SW846 6010B	11/01-11/06/08	K1TDL1A6
		Dilution Factor: 1		Analysis Time..: 18:19	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 0.18	
Selenium	ND	0.58	mg/kg	SW846 6010B	11/01-11/06/08	K1TDL1AA
		Dilution Factor: 1		Analysis Time..: 18:19	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 0.20	
Thallium	ND	1.2	mg/kg	SW846 6010B	11/01-11/06/08	K1TDL1AC
		Dilution Factor: 1		Analysis Time..: 18:19	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 0.36	

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ENSR International

Client Sample ID: SB28(47.5-50)

TOTAL Metals

Lot-Sample #...: C8J290111-006 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	ND	1.2	mg/kg	SW846 6010B	11/01-11/06/08	K1TDL1AD
		Dilution Factor: 1		Analysis Time..: 18:19	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 0.24	
Vanadium	**11.3**	**5.8**	**mg/kg**	**SW846 6010B**	**11/01-11/06/08**	**K1TDL1AR**
		Dilution Factor: 1		Analysis Time..: 18:19	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 0.28	
Zinc	**22.8 J**	**2.3**	**mg/kg**	**SW846 6010B**	**11/01-11/06/08**	**K1TDL1AF**
		Dilution Factor: 1		Analysis Time..: 18:19	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 0.21	
Prep Batch #...: 8315024						
Mercury	**0.0044 B J**	**0.038**	**mg/kg**	**SW846 7471A**	**11/10/08**	**K1TDL1AG**
		Dilution Factor: 1		Analysis Time..: 10:05	Analyst ID.....: 031043	
		Instrument ID..: HGHYDRA		MS Run #.....: 8315018	MDL.....: 0.0029	

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.

ENSR International

Client Sample ID: SB31(25-27.5)

GC/MS Volatiles

Lot-Sample #...:	C8J220183-003	**Work Order #...:**	K1CL51AK	**Matrix.....:**	SO
Date Sampled...:	10/17/08	**Date Received..:**	10/21/08	**MS Run #.....:**	8304268
Prep Date.....:	10/30/08	**Analysis Date..:**	10/30/08		
Prep Batch #...:	8304449	**Analysis Time..:**	16:41		
Dilution Factor:	10	**Initial Wgt/Vol:**	5 mL	**Final Wgt/Vol..:**	5 mL
% Moisture.....:	18	**Analyst ID.....:**	403794	**Instrument ID..:**	HP5
		Method.....:	SW846 8260B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	12000	ug/kg	3100
Benzene	**1000 J**	**3100**	**ug/kg**	**610**
Bromodichloromethane	ND	3100	ug/kg	570
Bromoform	ND	3100	ug/kg	660
Bromomethane	ND	3100	ug/kg	970
2-Butanone	ND	3100	ug/kg	660
Carbon disulfide	ND	3100	ug/kg	660
Carbon tetrachloride	ND	3100	ug/kg	660
Chlorobenzene	ND	3100	ug/kg	320
Chloroethane	ND	3100	ug/kg	460
Chloroform	ND	3100	ug/kg	620
Chloromethane	ND	3100	ug/kg	850
Cyclohexane	ND	3100	ug/kg	370
Dibromochloromethane	ND	3100	ug/kg	400
1,2-Dibromo-3-chloro-propane	ND	3100	ug/kg	220
1,2-Dibromoethane	ND	3100	ug/kg	380
1,3-Dichlorobenzene	ND	3100	ug/kg	310
1,4-Dichlorobenzene	ND	3100	ug/kg	320
1,2-Dichlorobenzene	ND	3100	ug/kg	420
Dichlorodifluoromethane	ND 3100 UJ	3100	ug/kg	390
1,1-Dichloroethane	ND	3100	ug/kg	620
1,2-Dichloroethane	ND	3100	ug/kg	590
1,1-Dichloroethene	ND	3100	ug/kg	650
cis-1,2-Dichloroethene	ND	3100	ug/kg	410
trans-1,2-Dichloroethene	ND	3100	ug/kg	460
1,2-Dichloropropane	ND	3100	ug/kg	780
cis-1,3-Dichloropropene	ND	3100	ug/kg	450
trans-1,3-Dichloropropene	ND	3100	ug/kg	360
Ethylbenzene	**14000**	**3100**	**ug/kg**	**380**
2-Hexanone	ND	3100	ug/kg	350
Isopropylbenzene	**3300**	**3100**	**ug/kg**	**330**
Methyl acetate	ND	3100	ug/kg	750
Methylene chloride	ND	3100	ug/kg	670
Methylcyclohexane	ND	3100	ug/kg	340
4-Methyl-2-pentanone	ND	3100	ug/kg	360
Methyl tert-butyl ether	ND	3100	ug/kg	630

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ENSR International

Client Sample ID: SB31(25-27.5)

GC/MS Volatiles

Lot-Sample #...: C8J220183-003 **Work Order #...:** K1CL51AK **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Styrene	**3000 J**	**3100**	**ug/kg**	**390**
1,1,2,2-Tetrachloroethane	ND	3100	ug/kg	570
1,2,4-Trichloro-benzene	ND	3100	ug/kg	230
Tetrachloroethene	ND	3100	ug/kg	510
1,1,1-Trichloroethane	ND	3100	ug/kg	630
1,1,2-Trichloroethane	ND	3100	ug/kg	710
Trichloroethene	ND	3100	ug/kg	490
Trichlorofluoromethane	ND	3100	ug/kg	690
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	3100	ug/kg	200
Vinyl chloride	ND	3100	ug/kg	790
Xylenes (total)	**29000**	**9200**	**ug/kg**	**1200**
Toluene	**7400**	**3100**	**ug/kg**	**520**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	100	(52 - 124)
Toluene-d8	100	(72 - 127)
4-Bromofluorobenzene	102	(63 - 120)
Dibromofluoromethane	100	(68 - 121)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

ENSR International

Client Sample ID: SB31(25-27.5)

GC/MS Semivolatiles

Lot-Sample #...:	C8J220183-003	**Work Order #...:**	K1CL51AL	**Matrix.....:**	SO
Date Sampled...:	10/17/08 11:50	**Date Received..:**	10/21/08 10:00	**MS Run #.....:**	8298003
Prep Date.....:	10/24/08	**Analysis Date..:**	10/27/08		
Prep Batch #...:	8298011	**Analysis Time..:**	05:19		
Dilution Factor:	1	**Initial Wgt/Vol:**	15 g	**Final Wgt/Vol..:**	5 mL
% Moisture.....:	18	**Analyst ID.....:**	003200	**Instrument ID..:**	733
		Method.....:	SW846 8270C		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	**1500**	**82**	**ug/kg**	**21**
Acenaphthylene	**220**	**82**	**ug/kg**	**24**
Acetophenone	ND	400	ug/kg	25
Anthracene	**950**	**82**	**ug/kg**	**23**
Atrazine	ND	400	ug/kg	28
Benzo(a)anthracene	**560**	**82**	**ug/kg**	**16**
Benzo(a)pyrene	**400**	**82**	**ug/kg**	**13**
Benzo(b)fluoranthene	**290 J**	**82**	**ug/kg**	**16**
Benzo(ghi)perylene	**150**	**82**	**ug/kg**	**14**
Benzo(k)fluoranthene	ND	82	ug/kg	13
Benzaldehyde	ND 400 UJ	400	ug/kg	43
1,1'-Biphenyl	**380 J**	**400**	**ug/kg**	**22**
bis(2-Chloroethoxy) methane	ND	400	ug/kg	19
bis(2-Chloroethyl)-ether	ND	82	ug/kg	9.2
bis(2-Ethylhexyl) phthalate	ND	400	ug/kg	31
4-Bromophenyl phenyl ether	ND	400	ug/kg	18
Butyl benzyl phthalate	ND	400	ug/kg	33
Caprolactam	ND	2100	ug/kg	77
Carbazole	**18 J**	**82**	**ug/kg**	**17**
4-Chloroaniline	ND	400	ug/kg	35
4-Chloro-3-methylphenol	ND	400	ug/kg	25
2-Chloronaphthalene	ND	82	ug/kg	24
2-Chlorophenol	ND	400	ug/kg	20
4-Chlorophenyl phenyl ether	ND	400	ug/kg	20
Chrysene	**470**	**82**	**ug/kg**	**16**
Dibenz(a,h)anthracene	**110**	**82**	**ug/kg**	**26**
Dibenzofuran	ND	400	ug/kg	22
3,3'-Dichlorobenzidine	ND	400	ug/kg	91
2,4-Dichlorophenol	ND	82	ug/kg	12
Diethyl phthalate	ND	400	ug/kg	36
2,4-Dimethylphenol	ND	400	ug/kg	17
Dimethyl phthalate	ND	400	ug/kg	23

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ENSR International

Client Sample ID: SB31(25-27.5)

GC/MS Semivolatiles

Lot-Sample #...: C8J220183-003 Work Order #...: K1CL51AL Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-butyl phthalate	ND	400	ug/kg	67
4,6-Dinitro-2-methylphenol	ND	2100	ug/kg	290
2,4-Dinitrophenol	ND	2100	ug/kg	480
2,4-Dinitrotoluene	ND	400	ug/kg	21
2,6-Dinitrotoluene	ND	400	ug/kg	26
Di-n-octyl phthalate	ND	400	ug/kg	28
Fluoranthene	**950**	**82**	**ug/kg**	**26**
Fluorene	**1000**	**82**	**ug/kg**	**20**
Hexachlorobenzene	ND	82	ug/kg	24
Hexachlorobutadiene	ND	82	ug/kg	25
Hexachlorocyclopentadiene	ND 400 UJ	400	ug/kg	19
Hexachloroethane	ND	400	ug/kg	18
Indeno(1,2,3-cd)pyrene	**170**	**82**	**ug/kg**	**14**
Isophorone	ND	400	ug/kg	23
2-Methylnaphthalene	**4800**	**82**	**ug/kg**	**22**
2-Methylphenol	ND	400	ug/kg	25
4-Methylphenol	ND	400	ug/kg	25
Naphthalene	**9000**	**82**	**ug/kg**	**20**
2-Nitroaniline	ND	2100	ug/kg	24
3-Nitroaniline	ND	2100	ug/kg	35
4-Nitroaniline	ND	2100	ug/kg	17
Nitrobenzene	ND	82	ug/kg	10
2-Nitrophenol	ND	400	ug/kg	32
4-Nitrophenol	ND	2100	ug/kg	32
N-Nitrosodi-n-propylamine	ND	82	ug/kg	9.9
N-Nitrosodiphenylamine	ND	82	ug/kg	22
2,2'-oxybis(1-Chloropropane)	ND	82	ug/kg	24
Pentachlorophenol	ND	400	ug/kg	30
Phenanthrene	**3100**	**82**	**ug/kg**	**19**
Phenol	ND	82	ug/kg	25
Pyrene	**1400**	**82**	**ug/kg**	**25**
2,4,5-Trichlorophenol	ND	400	ug/kg	34
2,4,6-Trichlorophenol	ND	400	ug/kg	33

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ENSR International

Client Sample ID: SB31(25-27.5)

GC/MS Semivolatiles

Lot-Sample #...: C8J220183-003 **Work Order #...:** K1CL51AL **Matrix.....:** SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	62	(50 - 124)
2-Fluorobiphenyl	60	(49 - 105)
2-Fluorophenol	58	(39 - 103)
Nitrobenzene-d5	54	(25 - 104)
Phenol-d5	62	(25 - 105)
Terphenyl-d14	74	(25 - 127)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

ENSR International

Client Sample ID: SB31(25-27.5)

TOTAL Metals

Lot-Sample #...: C8J220183-003 Matrix.....: SO
Date Sampled...: 10/17/08 Date Received..: 10/21/08
% Moisture.....: 18

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8303105						
Silver	~~0.17 B,J~~ 0.61 U	0.61	mg/kg	SW846 6010B	10/29-10/31/08	K1CL51AM
		Dilution Factor: 1		Analysis Time..: 05:38	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8303067	MDL.....: 0.081	
Aluminum	3670	24.5	mg/kg	SW846 6010B	10/29-10/31/08	K1CL51AN
		Dilution Factor: 1		Analysis Time..: 05:38	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8303067	MDL.....: 2.9	
Arsenic	1.5	1.2	mg/kg	SW846 6010B	10/29-10/31/08	K1CL51AP
		Dilution Factor: 1		Analysis Time..: 05:38	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8303067	MDL.....: 0.35	
Barium	22.3 B J	24.5	mg/kg	SW846 6010B	10/29-10/31/08	K1CL51AQ
		Dilution Factor: 1		Analysis Time..: 05:38	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8303067	MDL.....: 0.097	
Beryllium	~~0.44 B,J~~ 0.49 U	0.49	mg/kg	SW846 6010B	10/29-10/31/08	K1CL51AR
		Dilution Factor: 1		Analysis Time..: 05:38	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8303067	MDL.....: 0.018	
Calcium	2890	613	mg/kg	SW846 6010B	10/29-10/31/08	K1CL51AT
		Dilution Factor: 1		Analysis Time..: 05:38	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8303067	MDL.....: 2.1	
Cadmium	~~0.26 B,J~~ 0.61 U	0.61	mg/kg	SW846 6010B	10/29-10/31/08	K1CL51AU
		Dilution Factor: 1		Analysis Time..: 05:38	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8303067	MDL.....: 0.026	
Cobalt	4.1 B J	6.1	mg/kg	SW846 6010B	10/29-10/31/08	K1CL51AV
		Dilution Factor: 1		Analysis Time..: 05:38	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8303067	MDL.....: 0.099	
Chromium	5.6	0.61	mg/kg	SW846 6010B	10/29-10/31/08	K1CL51AW
		Dilution Factor: 1		Analysis Time..: 05:38	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8303067	MDL.....: 0.069	

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ENSR International

Client Sample ID: SB31(25-27.5)

TOTAL Metals

Lot-Sample #...: C8J220183-003 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Copper	9.4	3.1	mg/kg	SW846 6010B	10/29-10/31/08	K1CL51AX
		Dilution Factor: 1		Analysis Time..: 05:38	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8303067	MDL.....: 0.32	
Iron	9680	12.3	mg/kg	SW846 6010B	10/29-10/31/08	K1CL51A0
		Dilution Factor: 1		Analysis Time..: 05:38	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8303067	MDL.....: 1.6	
Potassium	557 B J	613	mg/kg	SW846 6010B	10/29-10/31/08	K1CL51A1
		Dilution Factor: 1		Analysis Time..: 05:38	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8303067	MDL.....: 92.0	
Magnesium	1720	613	mg/kg	SW846 6010B	10/29-10/31/08	K1CL51A2
		Dilution Factor: 1		Analysis Time..: 05:38	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8303067	MDL.....: 2.6	
Manganese	547	1.8	mg/kg	SW846 6010B	10/29-10/31/08	K1CL51A3
		Dilution Factor: 1		Analysis Time..: 05:38	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8303067	MDL.....: 0.075	
Sodium	98.5 B J	613	mg/kg	SW846 6010B	10/29-10/31/08	K1CL51A4
		Dilution Factor: 1		Analysis Time..: 05:38	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8303067	MDL.....: 17.8	
Nickel	9.2	4.9	mg/kg	SW846 6010B	10/29-10/31/08	K1CL51A5
		Dilution Factor: 1		Analysis Time..: 05:38	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8303067	MDL.....: 0.18	
Lead	3.8	0.37	mg/kg	SW846 6010B	10/29-10/31/08	K1CL51A6
		Dilution Factor: 1		Analysis Time..: 05:38	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8303067	MDL.....: 0.19	
Selenium	ND	0.61	mg/kg	SW846 6010B	10/29-10/31/08	K1CL51AA
		Dilution Factor: 1		Analysis Time..: 05:38	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8303067	MDL.....: 0.21	
Thallium	ND	1.2	mg/kg	SW846 6010B	10/29-10/31/08	K1CL51AC
		Dilution Factor: 1		Analysis Time..: 05:38	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8303067	MDL.....: 0.38	

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ENSR International

Client Sample ID: SB31(25-27.5)

TOTAL Metals

Lot-Sample #...: C8J220183-003 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	ND	1.2	mg/kg	SW846 6010B	10/29-10/31/08	K1CL51AD
	Dilution Factor: 1			Analysis Time..: 05:38	Analyst ID.....: 022952	
	Instrument ID..: TRACEICP			MS Run #.....: 8303067	MDL.....: 0.26	
Vanadium	**9.0**	**6.1**	**mg/kg**	**SW846 6010B**	**10/29-10/31/08**	**K1CL51AE**
	Dilution Factor: 1			Analysis Time..: 05:38	Analyst ID.....: 022952	
	Instrument ID..: TRACEICP			MS Run #.....: 8303067	MDL.....: 0.30	
Zinc	**26.8 ~~J~~**	**2.5**	**mg/kg**	**SW846 6010B**	**10/29-10/31/08**	**K1CL51AF**
	Dilution Factor: 1			Analysis Time..: 05:38	Analyst ID.....: 022952	
	Instrument ID..: TRACEICP			MS Run #.....: 8303067	MDL.....: 0.23	
Prep Batch #...: 8304032						
Mercury	**0.027 ~~B~~ J**	**0.040**	**mg/kg**	**SW846 7471A**	**10/30/08**	**K1CL51AG**
	Dilution Factor: 1			Analysis Time..: 10:08	Analyst ID.....: 031043	
	Instrument ID..: HGHYDRA			MS Run #.....: 8304020	MDL.....: 0.0031	

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.

ENSR International

Client Sample ID: SB31(47.5-50)

GC/MS Volatiles

Lot-Sample #...:	C8J220183-004	**Work Order #...:**	K1CL81AK	**Matrix.....:**	SO
Date Sampled...:	10/17/08	**Date Received..:**	10/21/08	**MS Run #.....:**	8303368
Prep Date.....:	10/29/08	**Analysis Date..:**	10/30/08		
Prep Batch #...:	8303599	**Analysis Time..:**	05:18		
Dilution Factor:	1	**Initial Wgt/Vol:**	5 g	**Final Wgt/Vol..:**	5 mL
% Moisture.....:	22	**Analyst ID.....:**	010099	**Instrument ID..:**	HP3
		Method.....:	SW846 8260B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND 26 U	26	ug/kg	6.4
Benzene	ND	6.4	ug/kg	0.87
Bromodichloromethane	ND	6.4	ug/kg	0.72
Bromoform	ND	6.4	ug/kg	0.57
Bromomethane	ND	6.4	ug/kg	0.95
2-Butanone	ND	6.4	ug/kg	1.1
Carbon disulfide	ND	6.4	ug/kg	0.66
Carbon tetrachloride	ND	6.4	ug/kg	0.57
Chlorobenzene	ND	6.4	ug/kg	0.97
Chloroethane	ND	6.4	ug/kg	2.0
Chloroform	ND	6.4	ug/kg	0.75
Chloromethane	ND	6.4	ug/kg	1.1
Cyclohexane	ND	6.4	ug/kg	0.48
Dibromochloromethane	ND	6.4	ug/kg	0.91
1,2-Dibromo-3-chloro-propane	ND	6.4	ug/kg	0.96
1,2-Dibromoethane	ND	6.4	ug/kg	1.1
1,3-Dichlorobenzene	ND	6.4	ug/kg	0.84
1,4-Dichlorobenzene	ND	6.4	ug/kg	0.82
1,2-Dichlorobenzene	ND	6.4	ug/kg	1.0
Dichlorodifluoromethane	ND	6.4	ug/kg	0.85
1,1-Dichloroethane	ND	6.4	ug/kg	0.74
1,2-Dichloroethane	ND	6.4	ug/kg	0.79
1,1-Dichloroethene	ND	6.4	ug/kg	1.1
cis-1,2-Dichloroethene	ND	6.4	ug/kg	0.90
trans-1,2-Dichloroethene	ND	6.4	ug/kg	0.76
1,2-Dichloropropane	ND	6.4	ug/kg	0.70
cis-1,3-Dichloropropene	ND	6.4	ug/kg	0.87
trans-1,3-Dichloropropene	ND	6.4	ug/kg	0.77
Ethylbenzene	ND	6.4	ug/kg	0.82
2-Hexanone	ND	6.4	ug/kg	0.88
Isopropylbenzene	ND	6.4	ug/kg	0.87
Methyl acetate	ND	6.4	ug/kg	1.2
Methylene chloride	~~1.9 J,B~~ 6.4 U	**6.4**	**ug/kg**	**0.86**
Methylcyclohexane	ND	6.4	ug/kg	0.93
4-Methyl-2-pentanone	ND	6.4	ug/kg	0.84
Methyl tert-butyl ether	ND	6.4	ug/kg	0.96

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ENSR International

Client Sample ID: SB31(47.5-50)

GC/MS Volatiles

Lot-Sample #...: C8J220183-004 **Work Order #...:** K1CL81AK **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Styrene	ND	6.4	ug/kg	0.68
1,1,2,2-Tetrachloroethane	ND	6.4	ug/kg	0.92
1,2,4-Trichloro-benzene	ND	6.4	ug/kg	1.1
Tetrachloroethene	ND	6.4	ug/kg	0.87
1,1,1-Trichloroethane	ND	6.4	ug/kg	0.62
1,1,2-Trichloroethane	ND	6.4	ug/kg	1.1
Trichloroethene	ND	6.4	ug/kg	0.84
Trichlorofluoromethane	ND	6.4	ug/kg	1.2
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	6.4	ug/kg	1.4
Vinyl chloride	ND	6.4	ug/kg	0.60
Xylenes (total)	ND	19	ug/kg	2.9
Toluene	ND	6.4	ug/kg	0.93

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	94	(52 - 124)
Toluene-d8	120	(72 - 127)
4-Bromofluorobenzene	95	(63 - 120)
Dibromofluoromethane	97	(68 - 121)

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.

ENSR International

Client Sample ID: SB31(47.5-50)

GC/MS Semivolatiles

Lot-Sample #...:	C8J220183-004	**Work Order #...:**	K1CL81AL	**Matrix.....:**	SO
Date Sampled...:	10/17/08 12:10	**Date Received..:**	10/21/08 10:00	**MS Run #.....:**	8298003
Prep Date.....:	10/24/08	**Analysis Date..:**	10/27/08		
Prep Batch #...:	8298011	**Analysis Time..:**	05:39		
Dilution Factor:	1	**Initial Wgt/Vol:**	15 g	**Final Wgt/Vol..:**	5 mL
% Moisture.....:	22	**Analyst ID.....:**	003200	**Instrument ID..:**	733
		Method.....:	SW846 8270C		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	86	ug/kg	22
Acenaphthylene	ND	86	ug/kg	25
Acetophenone	ND	420	ug/kg	26
Anthracene	ND	86	ug/kg	24
Atrazine	ND	420	ug/kg	29
Benzo(a)anthracene	ND	86	ug/kg	17
Benzo(a)pyrene	ND	86	ug/kg	13
Benzo(b)fluoranthene	ND 86 UJ	86	ug/kg	16
Benzo(ghi)perylene	ND	86	ug/kg	14
Benzo(k)fluoranthene	ND	86	ug/kg	14
Benzaldehyde	ND 420 UJ	420	ug/kg	45
1,1'-Biphenyl	ND	420	ug/kg	23
bis(2-Chloroethoxy) methane	ND	420	ug/kg	20
bis(2-Chloroethyl)-ether	ND	86	ug/kg	9.6
bis(2-Ethylhexyl) phthalate	ND	420	ug/kg	33
4-Bromophenyl phenyl ether	ND	420	ug/kg	19
Butyl benzyl phthalate	ND	420	ug/kg	34
Caprolactam	ND	2200	ug/kg	80
Carbazole	ND	86	ug/kg	17
4-Chloroaniline	ND	420	ug/kg	37
4-Chloro-3-methylphenol	ND	420	ug/kg	26
2-Chloronaphthalene	ND	86	ug/kg	25
2-Chlorophenol	ND	420	ug/kg	21
4-Chlorophenyl phenyl ether	ND	420	ug/kg	21
Chrysene	ND	86	ug/kg	17
Dibenz(a,h)anthracene	ND	86	ug/kg	27
Dibenzofuran	ND	420	ug/kg	23
3,3'-Dichlorobenzidine	ND	420	ug/kg	96
2,4-Dichlorophenol	ND	86	ug/kg	13
Diethyl phthalate	ND	420	ug/kg	38
2,4-Dimethylphenol	ND	420	ug/kg	18
Dimethyl phthalate	ND	420	ug/kg	24

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ENSR International

Client Sample ID: SB31(47.5-50)

GC/MS Semivolatiles

Lot-Sample #...: C8J220183-004 **Work Order #...:** K1CL81AL **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-butyl phthalate	ND	420	ug/kg	70
4,6-Dinitro-2-methylphenol	ND	2200	ug/kg	300
2,4-Dinitrophenol	ND	2200	ug/kg	500
2,4-Dinitrotoluene	ND	420	ug/kg	22
2,6-Dinitrotoluene	ND	420	ug/kg	27
Di-n-octyl phthalate	ND	420	ug/kg	30
Fluoranthene	ND	86	ug/kg	27
Fluorene	ND	86	ug/kg	21
Hexachlorobenzene	ND	86	ug/kg	26
Hexachlorobutadiene	ND	86	ug/kg	26
Hexachlorocyclopentadiene	ND 420 UJ	420	ug/kg	20
Hexachloroethane	ND	420	ug/kg	19
Indeno(1,2,3-cd)pyrene	ND	86	ug/kg	15
Isophorone	ND	420	ug/kg	24
2-Methylnaphthalene	ND	86	ug/kg	23
2-Methylphenol	ND	420	ug/kg	27
4-Methylphenol	ND	420	ug/kg	27
Naphthalene	ND	86	ug/kg	21
2-Nitroaniline	ND	2200	ug/kg	26
3-Nitroaniline	ND	2200	ug/kg	36
4-Nitroaniline	ND	2200	ug/kg	18
Nitrobenzene	ND	86	ug/kg	11
2-Nitrophenol	ND	420	ug/kg	34
4-Nitrophenol	ND	2200	ug/kg	33
N-Nitrosodi-n-propylamine	ND	86	ug/kg	10
N-Nitrosodiphenylamine	ND	86	ug/kg	23
2,2'-oxybis (1-Chloropropane)	ND	86	ug/kg	25
Pentachlorophenol	ND	420	ug/kg	32
Phenanthrene	ND	86	ug/kg	20
Phenol	ND	86	ug/kg	26
Pyrene	ND	86	ug/kg	26
2,4,5-Trichlorophenol	ND	420	ug/kg	35
2,4,6-Trichlorophenol	ND	420	ug/kg	34

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ENSR International

Client Sample ID: SB31(47.5-50)

GC/MS Semivolatiles

Lot-Sample #...: C8J220183-004 Work Order #...: K1CL81AL Matrix.....: SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	67	(50 - 124)
2-Fluorobiphenyl	63	(49 - 105)
2-Fluorophenol	57	(39 - 103)
Nitrobenzene-d5	58	(25 - 104)
Phenol-d5	65	(25 - 105)
Terphenyl-d14	82	(25 - 127)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

ENSR International

Client Sample ID: SB31(47.5-50)

TOTAL Metals

Lot-Sample #...: C8J220183-004 Matrix.....: SO
Date Sampled...: 10/17/08 Date Received..: 10/21/08
% Moisture.....: 22

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8303105						
Silver	~~0.12 B,J~~ 0.64U	0.64	mg/kg	SW846 6010B	10/29-10/31/08	K1CL81AM
		Dilution Factor: 1		Analysis Time..: 05:55	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8303067	MDL.....: 0.085	
Aluminum	3490	25.6	mg/kg	SW846 6010B	10/29-10/31/08	K1CL81AN
		Dilution Factor: 1		Analysis Time..: 05:55	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8303067	MDL.....: 3.1	
Arsenic	2.4	1.3	mg/kg	SW846 6010B	10/29-10/31/08	K1CL81AP
		Dilution Factor: 1		Analysis Time..: 05:55	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8303067	MDL.....: 0.37	
Barium	22.6 ~~B~~ J	25.6	mg/kg	SW846 6010B	10/29-10/31/08	K1CL81AQ
		Dilution Factor: 1		Analysis Time..: 05:55	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8303067	MDL.....: 0.10	
Beryllium	~~0.43 B,J~~ 0.51U	0.51	mg/kg	SW846 6010B	10/29-10/31/08	K1CL81AR
		Dilution Factor: 1		Analysis Time..: 05:55	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8303067	MDL.....: 0.019	
Calcium	26900	641	mg/kg	SW846 6010B	10/29-10/31/08	K1CL81AT
		Dilution Factor: 1		Analysis Time..: 05:55	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8303067	MDL.....: 2.2	
Cadmium	~~0.22 B,J~~ 0.64U	0.64	mg/kg	SW846 6010B	10/29-10/31/08	K1CL81AU
		Dilution Factor: 1		Analysis Time..: 05:55	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8303067	MDL.....: 0.027	
Cobalt	3.6 ~~B~~ J	6.4	mg/kg	SW846 6010B	10/29-10/31/08	K1CL81AV
		Dilution Factor: 1		Analysis Time..: 05:55	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8303067	MDL.....: 0.10	
Chromium	5.3	0.64	mg/kg	SW846 6010B	10/29-10/31/08	K1CL81AW
		Dilution Factor: 1		Analysis Time..: 05:55	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8303067	MDL.....: 0.072	

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ENSR International

Client Sample ID: SB31(47.5-50)

TOTAL Metals

Lot-Sample #...: C8J220183-004 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Copper	9.2	3.2	mg/kg	SW846 6010B	10/29-10/31/08	K1CL81AX
		Dilution Factor: 1		Analysis Time..: 05:55	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8303067	MDL.....: 0.34	
Iron	9490	12.8	mg/kg	SW846 6010B	10/29-10/31/08	K1CL81A0
		Dilution Factor: 1		Analysis Time..: 05:55	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8303067	MDL.....: 1.6	
Potassium	604 B J	641	mg/kg	SW846 6010B	10/29-10/31/08	K1CL81A1
		Dilution Factor: 1		Analysis Time..: 05:55	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8303067	MDL.....: 96.1	
Magnesium	6560	641	mg/kg	SW846 6010B	10/29-10/31/08	K1CL81A2
		Dilution Factor: 1		Analysis Time..: 05:55	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8303067	MDL.....: 2.7	
Manganese	243	1.9	mg/kg	SW846 6010B	10/29-10/31/08	K1CL81A3
		Dilution Factor: 1		Analysis Time..: 05:55	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8303067	MDL.....: 0.078	
Sodium	137 B J	641	mg/kg	SW846 6010B	10/29-10/31/08	K1CL81A4
		Dilution Factor: 1		Analysis Time..: 05:55	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8303067	MDL.....: 18.6	
Nickel	7.6	5.1	mg/kg	SW846 6010B	10/29-10/31/08	K1CL81A5
		Dilution Factor: 1		Analysis Time..: 05:55	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8303067	MDL.....: 0.18	
Lead	3.4	0.38	mg/kg	SW846 6010B	10/29-10/31/08	K1CL81A6
		Dilution Factor: 1		Analysis Time..: 05:55	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8303067	MDL.....: 0.20	
Selenium	ND	0.64	mg/kg	SW846 6010B	10/29-10/31/08	K1CL81AA
		Dilution Factor: 1		Analysis Time..: 05:55	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8303067	MDL.....: 0.22	
Thallium	ND	1.3	mg/kg	SW846 6010B	10/29-10/31/08	K1CL81AC
		Dilution Factor: 1		Analysis Time..: 05:55	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8303067	MDL.....: 0.39	

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ENSR International

Client Sample ID: SB31(47.5-50)

TOTAL Metals

Lot-Sample #...: C8J220183-004 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	ND	1.3	mg/kg	SW846 6010B	10/29-10/31/08	K1CL81AD
		Dilution Factor: 1		Analysis Time..: 05:55	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8303067	MDL.....: 0.27	
Vanadium	**10.2**	**6.4**	**mg/kg**	**SW846 6010B**	**10/29-10/31/08**	**K1CL81AE**
		Dilution Factor: 1		Analysis Time..: 05:55	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8303067	MDL.....: 0.31	
Zinc	**25.2 J**	**2.6**	**mg/kg**	**SW846 6010B**	**10/29-10/31/08**	**K1CL81AF**
		Dilution Factor: 1		Analysis Time..: 05:55	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8303067	MDL.....: 0.24	
Prep Batch #...: 8304032						
Mercury	**0.024 B J**	**0.042**	**mg/kg**	**SW846 7471A**	**10/30/08**	**K1CL81AG**
		Dilution Factor: 1		Analysis Time..: 10:13	Analyst ID.....: 031043	
		Instrument ID..: HGHYDRA		MS Run #.....: 8304020	MDL.....: 0.0032	

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.

ENSR International

Client Sample ID: SB32(20-22.5)

GC/MS Volatiles

Lot-Sample #...: C8J160275-005	**Work Order #...:** K01711AK	**Matrix.....:** SO
Date Sampled...: 10/15/08	**Date Received..:** 10/16/08	**MS Run #.....:** 8298231
Prep Date.....: 10/24/08	**Analysis Date..:** 10/24/08	
Prep Batch #...: 8298421	**Analysis Time..:** 12:21	
Dilution Factor: 5	**Initial Wgt/Vol:** 1 g	**Final Wgt/Vol..:** 5 mL
% Moisture.....: 16	**Analyst ID.....:** 034635	**Instrument ID..:** HP3
	Method.....: SW846 8260B	

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	120	ug/kg	30
Benzene	ND	30	ug/kg	4.0
Bromodichloromethane	ND	30	ug/kg	3.4
Bromoform	ND	30	ug/kg	2.6
Bromomethane	ND	30	ug/kg	4.4
2-Butanone	ND	30	ug/kg	5.3
Carbon disulfide	ND	30	ug/kg	3.1
Carbon tetrachloride	ND	30	ug/kg	2.7
Chlorobenzene	ND	30	ug/kg	4.5
Chloroethane	ND	30	ug/kg	9.3
Chloroform	ND	30	ug/kg	3.5
Chloromethane	ND	30	ug/kg	5.1
Cyclohexane	ND	30	ug/kg	2.2
Dibromochloromethane	ND	30	ug/kg	4.2
1,2-Dibromo-3-chloro-propane	ND	30	ug/kg	4.5
1,2-Dibromoethane	ND	30	ug/kg	5.2
1,3-Dichlorobenzene	ND	30	ug/kg	3.9
1,4-Dichlorobenzene	ND	30	ug/kg	3.8
1,2-Dichlorobenzene	ND	30	ug/kg	4.8
Dichlorodifluoromethane	ND	30	ug/kg	4.0
1,1-Dichloroethane	ND	30	ug/kg	3.4
1,2-Dichloroethane	ND	30	ug/kg	3.7
1,1-Dichloroethene	ND	30	ug/kg	5.1
cis-1,2-Dichloroethene	ND	30	ug/kg	4.2
trans-1,2-Dichloroethene	ND	30	ug/kg	3.6
1,2-Dichloropropane	ND	30	ug/kg	3.2
cis-1,3-Dichloropropene	ND	30	ug/kg	4.1
trans-1,3-Dichloropropene	ND	30	ug/kg	3.6
Ethylbenzene	**160**	**30**	**ug/kg**	**3.8**
2-Hexanone	ND	30	ug/kg	4.1
Isopropylbenzene	**46**	**30**	**ug/kg**	**4.1**
Methyl acetate	ND 30 u.J	30	ug/kg	5.4
Methylene chloride	ND	30	ug/kg	4.0
Methylcyclohexane	ND	30	ug/kg	4.3
4-Methyl-2-pentanone	ND	30	ug/kg	3.9
Methyl tert-butyl ether	ND	30	ug/kg	4.5

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ENSR International

Client Sample ID: SB32(20-22.5)

GC/MS Volatiles

Lot-Sample #...: C8J160275-005 **Work Order #...:** K01711AK **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Styrene	ND	30	ug/kg	3.2
1,1,2,2-Tetrachloroethane	ND	30	ug/kg	4.3
1,2,4-Trichloro-benzene	ND	30	ug/kg	5.3
Tetrachloroethene	ND	30	ug/kg	4.1
1,1,1-Trichloroethane	ND	30	ug/kg	2.9
1,1,2-Trichloroethane	ND	30	ug/kg	5.0
Trichloroethene	ND	30	ug/kg	3.9
Trichlorofluoromethane	ND	30	ug/kg	5.5
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	30	ug/kg	6.4
Vinyl chloride	ND	30	ug/kg	2.8
Xylenes (total)	**250**	**90**	**ug/kg**	**13**
Toluene	ND	30	ug/kg	4.4

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	92	(52 - 124)
Toluene-d8	95	(72 - 127)
4-Bromofluorobenzene	85	(63 - 120)
Dibromofluoromethane	104	(68 - 121)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

ENSR International

Client Sample ID: SB32(20-22.5)

GC/MS Semivolatiles

Lot-Sample #...:	C8J160275-005	**Work Order #...:**	K01711AL	**Matrix.....:**	SO
Date Sampled...:	10/15/08 14:20	**Date Received..:**	10/16/08 09:30	**MS Run #.....:**	8296004
Prep Date.....:	10/22/08	**Analysis Date..:**	10/23/08		
Prep Batch #...:	8296013	**Analysis Time..:**	14:18		
Dilution Factor:	20	**Initial Wgt/Vol:**	15 g	**Final Wgt/Vol..:**	5 mL
% Moisture.....:	16	**Analyst ID.....:**	007062	**Instrument ID..:**	732
		Method.....:	SW846 8270C		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	**140000**	**1600**	**ug/kg**	**410**
Acenaphthylene	**77000**	**1600**	**ug/kg**	**460**
Acetophenone	ND	7900	ug/kg	480
Anthracene	**100000**	**1600**	**ug/kg**	**450**
Atrazine	ND 7900 UJ	7900	ug/kg	550
Benzo(a)anthracene	**74000**	**1600**	**ug/kg**	**310**
Benzo(a)pyrene	**47000**	**1600**	**ug/kg**	**240**
Benzo(b)fluoranthene	**34000** J	**1600**	**ug/kg**	**310**
Benzo(ghi)perylene	**19000**	**1600**	**ug/kg**	**270**
Benzo(k)fluoranthene	**15000**	**1600**	**ug/kg**	**250**
Benzaldehyde	ND 7900 UJ	7900	ug/kg	840
1,1'-Biphenyl	**38000**	**7900**	**ug/kg**	**440**
bis(2-Chloroethoxy) methane	ND	7900	ug/kg	370
bis(2-Chloroethyl)-ether	ND	1600	ug/kg	180
bis(2-Ethylhexyl) phthalate	ND	7900	ug/kg	610
4-Bromophenyl phenyl ether	ND	7900	ug/kg	360
Butyl benzyl phthalate	ND	7900	ug/kg	640
Caprolactam	ND	41000	ug/kg	1500
Carbazole	**2800**	**1600**	**ug/kg**	**330**
4-Chloroaniline	ND	7900	ug/kg	680
4-Chloro-3-methylphenol	ND	7900	ug/kg	480
2-Chloronaphthalene	ND	1600	ug/kg	460
2-Chlorophenol	ND	7900	ug/kg	400
4-Chlorophenyl phenyl ether	ND	7900	ug/kg	390
Chrysene	**49000**	**1600**	**ug/kg**	**310**
Dibenz(a,h)anthracene	ND	1600	ug/kg	500
Dibenzofuran	**9400**	**7900**	**ug/kg**	**440**
3,3'-Dichlorobenzidine	ND	7900	ug/kg	1800
2,4-Dichlorophenol	ND	1600	ug/kg	240
Diethyl phthalate	ND	7900	ug/kg	710
2,4-Dimethylphenol	ND	7900	ug/kg	340
Dimethyl phthalate	ND	7900	ug/kg	450

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ENSR International

Client Sample ID: SB32(20-22.5)

GC/MS Semivolatiles

Lot-Sample #...: C8J160275-005 Work Order #...: K01711AL Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-butyl phthalate	ND	7900	ug/kg	1300
4,6-Dinitro-2-methylphenol	ND	41000	ug/kg	5600
2,4-Dinitrophenol	ND 41000 UJ	41000	ug/kg	9400
2,4-Dinitrotoluene	ND	7900	ug/kg	410
2,6-Dinitrotoluene	ND	7900	ug/kg	510
Di-n-octyl phthalate	ND	7900	ug/kg	550
Fluoranthene	**110000**	**1600**	**ug/kg**	**510**
Fluorene	**90000**	**1600**	**ug/kg**	**380**
Hexachlorobenzene	ND	1600	ug/kg	480
Hexachlorobutadiene	ND	1600	ug/kg	490
Hexachlorocyclopentadiene	ND 7900 UJ	7900	ug/kg	360
Hexachloroethane	ND	7900	ug/kg	350
Indeno(1,2,3-cd)pyrene	**15000 J**	**1600**	**ug/kg**	**280**
Isophorone	ND	7900	ug/kg	440
2-Methylnaphthalene 1020000	~~650000 E~~	**1600**	**ug/kg**	**440**
2-Methylphenol	ND	7900	ug/kg	500
4-Methylphenol	ND	7900	ug/kg	500
Naphthalene 3000000	~~1100000 E~~	**1600**	**ug/kg**	**380**
2-Nitroaniline	ND	41000	ug/kg	480
3-Nitroaniline	ND	41000	ug/kg	680
4-Nitroaniline	ND	41000	ug/kg	330
Nitrobenzene	ND	1600	ug/kg	200
2-Nitrophenol	ND	7900	ug/kg	630
4-Nitrophenol	ND	41000	ug/kg	620
N-Nitrosodi-n-propylamine	ND	1600	ug/kg	190
N-Nitrosodiphenylamine	ND	1600	ug/kg	430
2,2'-oxybis(1-Chloropropane)	ND	1600	ug/kg	480
Pentachlorophenol	ND	7900	ug/kg	590
Phenanthrene 550000	~~370000 E~~	**1600**	**ug/kg**	**380**
Phenol	ND	1600	ug/kg	480
Pyrene	**180000**	**1600**	**ug/kg**	**490**
2,4,5-Trichlorophenol	ND	7900	ug/kg	650
2,4,6-Trichlorophenol	ND	7900	ug/kg	640

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ENSR International

Client Sample ID: SB32(20-22.5)

GC/MS Semivolatiles

Lot-Sample #...: C8J160275-005 Work Order #...: K01711AL Matrix.....: SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	NC,DIL	(50 - 124)
2-Fluorobiphenyl	NC,DIL	(49 - 105)
2-Fluorophenol	NC,DIL	(39 - 103)
Nitrobenzene-d5	NC,DIL	(25 - 104)
Phenol-d5	NC,DIL	(25 - 105)
Terphenyl-d14	NC,DIL	(25 - 127)

NOTE(S) :

NC The recovery and/or RPD were not calculated.

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.

E Estimated result. Result concentration exceeds the calibration range.

ENSR International

Client Sample ID: SB32(20-22.5)

GC/MS Semivolatiles

Lot-Sample #...: C8J160275-005	Work Order #...: K01712AL	Matrix.....: SO
Date Sampled...: 10/15/08 14:20	Date Received..: 10/16/08 09:30	MS Run #.....: 8296004
Prep Date.....: 10/22/08	Analysis Date..: 10/23/08	
Prep Batch #...: 8296013	Analysis Time..: 16:59	
Dilution Factor: 400	Initial Wgt/Vol: 15 g	Final Wgt/Vol..: 5 mL
% Moisture.....: 16	Analyst ID.....: 007062	Instrument ID..: 732
	Method.....: SW846 8270C	

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	**270000**	**32000**	**ug/kg**	**8300**
Acenaphthylene	**160000**	**32000**	**ug/kg**	**9200**
Acetophenone	ND	160000	ug/kg	9600
Anthracene	**180000**	**32000**	**ug/kg**	**9000**
Atrazine	ND	160000	ug/kg	11000
Benzo(a)anthracene	**120000**	**32000**	**ug/kg**	**6300**
Benzo(a)pyrene	**74000**	**32000**	**ug/kg**	**4900**
Benzo(b)fluoranthene	**64000**	**32000**	**ug/kg**	**6100**
Benzo(ghi)perylene	**41000**	**32000**	**ug/kg**	**5400**
Benzo(k)fluoranthene	ND	32000	ug/kg	5100
Benzaldehyde	ND	160000	ug/kg	17000
1,1'-Biphenyl	**77000 J**	**160000**	**ug/kg**	**8700**
bis(2-Chloroethoxy) methane	ND	160000	ug/kg	7400
bis(2-Chloroethyl)-ether	ND	32000	ug/kg	3600
bis(2-Ethylhexyl) phthalate	ND	160000	ug/kg	12000
4-Bromophenyl phenyl ether	ND	160000	ug/kg	7100
Butyl benzyl phthalate	ND	160000	ug/kg	13000
Caprolactam	ND	810000	ug/kg	30000
Carbazole	ND	32000	ug/kg	6500
4-Chloroaniline	ND	160000	ug/kg	14000
4-Chloro-3-methylphenol	ND	160000	ug/kg	9700
2-Chloronaphthalene	ND	32000	ug/kg	9200
2-Chlorophenol	ND	160000	ug/kg	8000
4-Chlorophenyl phenyl ether	ND	160000	ug/kg	7900
Chrysene	ND	32000	ug/kg	6300
Dibenz(a,h)anthracene	ND	32000	ug/kg	10000
Dibenzofuran	**20000 J**	**160000**	**ug/kg**	**8800**
3,3'-Dichlorobenzidine	ND	160000	ug/kg	36000
2,4-Dichlorophenol	ND	32000	ug/kg	4700
Diethyl phthalate	ND	160000	ug/kg	14000
2,4-Dimethylphenol	ND	160000	ug/kg	6800
Dimethyl phthalate	ND	160000	ug/kg	9000

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ENSR International

Client Sample ID: SB32(20-22.5)

GC/MS Semivolatiles

Lot-Sample #...: C8J160275-005 Work Order #...: K01712AL Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-butyl phthalate	ND	160000	ug/kg	26000
4,6-Dinitro-2-methylphenol	ND	810000	ug/kg	110000
2,4-Dinitrophenol	ND	810000	ug/kg	190000
2,4-Dinitrotoluene	ND	160000	ug/kg	8200
2,6-Dinitrotoluene	ND	160000	ug/kg	10000
Di-n-octyl phthalate	ND	160000	ug/kg	11000
Fluoranthene	**210000**	**32000**	**ug/kg**	**10000**
Fluorene	**170000**	**32000**	**ug/kg**	**7700**
Hexachlorobenzene	ND	32000	ug/kg	9500
Hexachlorobutadiene	ND	32000	ug/kg	9700
Hexachlorocyclopenta-diene	ND	160000	ug/kg	7300
Hexachloroethane	ND	160000	ug/kg	7100
Indeno(1,2,3-cd)pyrene	**30000 J**	**32000**	**ug/kg**	**5600**
Isophorone	ND	160000	ug/kg	8800
2-Methylnaphthalene	**1000000**	**32000**	**ug/kg**	**8800**
2-Methylphenol	ND	160000	ug/kg	9900
4-Methylphenol	ND	160000	ug/kg	9900
Naphthalene	**3000000**	**32000**	**ug/kg**	**7700**
2-Nitroaniline	ND	810000	ug/kg	9500
3-Nitroaniline	ND	810000	ug/kg	14000
4-Nitroaniline	ND	810000	ug/kg	6700
Nitrobenzene	ND	32000	ug/kg	3900
2-Nitrophenol	ND	160000	ug/kg	13000
4-Nitrophenol	ND	810000	ug/kg	12000
N-Nitrosodi-n-propyl-amine	ND	32000	ug/kg	3900
N-Nitrosodiphenylamine	ND	32000	ug/kg	8600
2,2'-oxybis (1-Chloropropane)	ND	32000	ug/kg	9500
Pentachlorophenol	ND	160000	ug/kg	12000
Phenanthrene	**550000**	**32000**	**ug/kg**	**7600**
Phenol	ND	32000	ug/kg	9600
Pyrene	**290000**	**32000**	**ug/kg**	**9700**
2,4,5-Trichloro-phenol	ND	160000	ug/kg	13000
2,4,6-Trichloro-phenol	ND	160000	ug/kg	13000

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ENSR International

Client Sample ID: SB32(20-22.5)

GC/MS Semivolatiles

Lot-Sample #...: C8J160275-005 Work Order #...: K01712AL Matrix.....: SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	NC,DIL	(50 - 124)
2-Fluorobiphenyl	NC,DIL	(49 - 105)
2-Fluorophenol	NC,DIL	(39 - 103)
Nitrobenzene-d5	NC,DIL	(25 - 104)
Phenol-d5	NC,DIL	(25 - 105)
Terphenyl-d14	NC,DIL	(25 - 127)

NOTE(S):

NC The recovery and/or RPD were not calculated.

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.

ENSR International

Client Sample ID: SB32(20-22.5)

TOTAL Metals

Lot-Sample #...: C8J160275-005 Matrix.....: SO
Date Sampled...: 10/15/08 Date Received..: 10/16/08
% Moisture.....: 16

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8296214						
Silver	~~0.086 B,J~~ 0.60U	0.60	mg/kg	SW846 6010B	10/22-11/02/08	K01711AM
		Dilution Factor: 1		Analysis Time..: 20:05	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8296135	MDL.....: 0.079	
Aluminum	3940 J	23.9	mg/kg	SW846 6010B	10/22-11/02/08	K01711AN
		Dilution Factor: 1		Analysis Time..: 20:05	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8296135	MDL.....: 2.9	
Arsenic	2.1	1.2	mg/kg	SW846 6010B	10/22-11/02/08	K01711AP
		Dilution Factor: 1		Analysis Time..: 20:05	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8296135	MDL.....: 0.35	
Barium	~~21.7 B,J~~ 23.9U	23.9	mg/kg	SW846 6010B	10/22-11/02/08	K01711AQ
		Dilution Factor: 1		Analysis Time..: 20:05	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8296135	MDL.....: 0.095	
Beryllium	~~0.45 B,J~~ 0.48U	0.48	mg/kg	SW846 6010B	10/22-11/02/08	K01711AR
		Dilution Factor: 1		Analysis Time..: 20:05	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8296135	MDL.....: 0.018	
Calcium	1840 J	598	mg/kg	SW846 6010B	10/22-11/02/08	K01711AT
		Dilution Factor: 1		Analysis Time..: 20:05	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8296135	MDL.....: 2.0	
Cadmium	~~0.11 B,J~~ 0.60U	0.60	mg/kg	SW846 6010B	10/22-11/02/08	K01711AU
		Dilution Factor: 1		Analysis Time..: 20:05	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8296135	MDL.....: 0.025	
Cobalt	4.3 B J	6.0	mg/kg	SW846 6010B	10/22-11/02/08	K01711AV
		Dilution Factor: 1		Analysis Time..: 20:05	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8296135	MDL.....: 0.097	
Copper	8.9	3.0	mg/kg	SW846 6010B	10/22-11/02/08	K01711AX
		Dilution Factor: 1		Analysis Time..: 20:05	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8296135	MDL.....: 0.32	

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ENSR International

Client Sample ID: SB32(20-22.5)

TOTAL Metals

Lot-Sample #...: C8J160275-005 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Iron	10800 J	12.0	mg/kg	SW846 6010B	10/22-11/02/08	K01711A0
		Dilution Factor: 1		Analysis Time..: 20:05	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8296135	MDL.....: 1.5	
Potassium	706	598	mg/kg	SW846 6010B	10/22-11/02/08	K01711A1
		Dilution Factor: 1		Analysis Time..: 20:05	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8296135	MDL.....: 89.7	
Magnesium	1790 J	598	mg/kg	SW846 6010B	10/22-11/02/08	K01711A2
		Dilution Factor: 1		Analysis Time..: 20:05	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8296135	MDL.....: 2.5	
Manganese	203	1.8	mg/kg	SW846 6010B	10/22-11/02/08	K01711A3
		Dilution Factor: 1		Analysis Time..: 20:05	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8296135	MDL.....: 0.073	
Sodium	85.0 B J	598	mg/kg	SW846 6010B	10/22-11/02/08	K01711A4
		Dilution Factor: 1		Analysis Time..: 20:05	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8296135	MDL.....: 17.4	
Nickel	9.4 J	4.8	mg/kg	SW846 6010B	10/22-11/02/08	K01711A5
		Dilution Factor: 1		Analysis Time..: 20:05	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8296135	MDL.....: 0.17	
Lead	4.1	0.36	mg/kg	SW846 6010B	10/22-11/02/08	K01711A6
		Dilution Factor: 1		Analysis Time..: 20:05	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8296135	MDL.....: 0.19	
Selenium	ND	0.60	mg/kg	SW846 6010B	10/22-11/02/08	K01711AA
		Dilution Factor: 1		Analysis Time..: 20:05	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8296135	MDL.....: 0.21	
Thallium	ND	1.2	mg/kg	SW846 6010B	10/22-11/02/08	K01711AC
		Dilution Factor: 1		Analysis Time..: 20:05	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8296135	MDL.....: 0.37	
Antimony	0.26 B J-	1.2	mg/kg	SW846 6010B	10/22-11/02/08	K01711AD
		Dilution Factor: 1		Analysis Time..: 20:05	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8296135	MDL.....: 0.25	

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ENSR International

Client Sample ID: SB32(20-22.5)

TOTAL Metals

Lot-Sample #...: C8J160275-005 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Vanadium	12.6	6.0	mg/kg	SW846 6010B	10/22-11/02/08	K01711AE
		Dilution Factor: 1		Analysis Time..: 20:05	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8296135	MDL.....: 0.29	
Zinc	26.9 J	2.4	mg/kg	SW846 6010B	10/22-11/02/08	K01711AF
		Dilution Factor: 1		Analysis Time..: 20:05	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8296135	MDL.....: 0.22	
Prep Batch #...: 8303021						
Mercury	~~0.012 B,J~~ 0.039 U	0.039	mg/kg	SW846 7471A	10/29/08	K01711AG
		Dilution Factor: 1		Analysis Time..: 09:02	Analyst ID.....: 031043	
		Instrument ID..: HGHYDRA		MS Run #.....: 8303010	MDL.....: 0.0030	
Prep Batch #...: 8309177						
Chromium	7.3	0.60	mg/kg	SW846 6010B	11/04-11/06/08	K01711AW
		Dilution Factor: 1		Analysis Time..: 13:39	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8309109	MDL.....: 0.067	

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.

ENSR International

Client Sample ID: SB32(42-47.5)

GC/MS Volatiles

Lot-Sample #...: C8J160275-006	**Work Order #...:** K01731AK	**Matrix.....:** SO
Date Sampled...: 10/15/08	**Date Received..:** 10/16/08	**MS Run #.....:** 8298231
Prep Date.....: 10/24/08	**Analysis Date..:** 10/24/08	
Prep Batch #...: 8298421	**Analysis Time..:** 13:12	
Dilution Factor: 1	**Initial Wgt/Vol:** 5 g	**Final Wgt/Vol..:** 5 mL
% Moisture.....: 17	**Analyst ID.....:** 034635	**Instrument ID..:** HP3
	Method.....: SW846 8260B	

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	24	ug/kg	6.0
Benzene	ND	6.0	ug/kg	0.81
Bromodichloromethane	ND	6.0	ug/kg	0.68
Bromoform	ND	6.0	ug/kg	0.53
Bromomethane	ND	6.0	ug/kg	0.89
2-Butanone	ND	6.0	ug/kg	1.1
Carbon disulfide	ND	6.0	ug/kg	0.62
Carbon tetrachloride	ND	6.0	ug/kg	0.54
Chlorobenzene	ND	6.0	ug/kg	0.91
Chloroethane	ND	6.0	ug/kg	1.9
Chloroform	ND	6.0	ug/kg	0.70
Chloromethane	ND	6.0	ug/kg	1.0
Cyclohexane	ND	6.0	ug/kg	0.45
Dibromochloromethane	ND	6.0	ug/kg	0.85
1,2-Dibromo-3-chloro-propane	ND	6.0	ug/kg	0.90
1,2-Dibromoethane	ND	6.0	ug/kg	1.0
1,3-Dichlorobenzene	ND	6.0	ug/kg	0.79
1,4-Dichlorobenzene	ND	6.0	ug/kg	0.77
1,2-Dichlorobenzene	ND	6.0	ug/kg	0.96
Dichlorodifluoromethane	ND	6.0	ug/kg	0.80
1,1-Dichloroethane	ND	6.0	ug/kg	0.69
1,2-Dichloroethane	ND	6.0	ug/kg	0.74
1,1-Dichloroethene	ND	6.0	ug/kg	1.0
cis-1,2-Dichloroethene	ND	6.0	ug/kg	0.85
trans-1,2-Dichloroethene	ND	6.0	ug/kg	0.72
1,2-Dichloropropane	ND	6.0	ug/kg	0.65
cis-1,3-Dichloropropene	ND	6.0	ug/kg	0.82
trans-1,3-Dichloropropene	ND	6.0	ug/kg	0.72
Ethylbenzene	ND	6.0	ug/kg	0.77
2-Hexanone	ND	6.0	ug/kg	0.83
Isopropylbenzene	ND	6.0	ug/kg	0.82
Methyl acetate	ND 6.0 UJ	6.0	ug/kg	1.1
Methylene chloride	ND	6.0	ug/kg	0.81
Methylcyclohexane	ND	6.0	ug/kg	0.87
4-Methyl-2-pentanone	ND	6.0	ug/kg	0.79
Methyl tert-butyl ether	ND	6.0	ug/kg	0.90

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ENSR International

Client Sample ID: SB32(42-47.5)

GC/MS Volatiles

Lot-Sample #...: C8J160275-006 Work Order #...: K01731AK Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Styrene	ND	6.0	ug/kg	0.64
1,1,2,2-Tetrachloroethane	ND	6.0	ug/kg	0.86
1,2,4-Trichloro-benzene	ND	6.0	ug/kg	1.1
Tetrachloroethene	ND	6.0	ug/kg	0.82
1,1,1-Trichloroethane	ND	6.0	ug/kg	0.59
1,1,2-Trichloroethane	ND	6.0	ug/kg	1.0
Trichloroethene	ND	6.0	ug/kg	0.79
Trichlorofluoromethane	ND	6.0	ug/kg	1.1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	6.0	ug/kg	1.3
Vinyl chloride	ND	6.0	ug/kg	0.56
Xylenes (total)	ND	18	ug/kg	2.7
Toluene	ND	6.0	ug/kg	0.88

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	83	(52 - 124)
Toluene-d8	97	(72 - 127)
4-Bromofluorobenzene	80	(63 - 120)
Dibromofluoromethane	99	(68 - 121)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

ENSR International

Client Sample ID: SB32(42-47.5)

GC/MS Semivolatiles

Lot-Sample #...:	C8J160275-006	**Work Order #...:**	K01731AL	**Matrix.....:**	SO
Date Sampled...:	10/15/08 16:00	**Date Received..:**	10/16/08 09:30	**MS Run #.....:**	8296004
Prep Date.....:	10/22/08	**Analysis Date..:**	10/24/08		
Prep Batch #...:	8296013	**Analysis Time..:**	19:28		
Dilution Factor:	1	**Initial Wgt/Vol:**	15 g	**Final Wgt/Vol..:**	5 mL
% Moisture.....:	17	**Analyst ID.....:**	403801	**Instrument ID..:**	732
		Method.....:	SW846 8270C		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	81	ug/kg	21
Acenaphthylene	ND	81	ug/kg	23
Acetophenone	ND	400	ug/kg	24
Anthracene	ND	81	ug/kg	23
Atrazine	ND 400 UJ	400	ug/kg	27
Benzo(a)anthracene	ND	81	ug/kg	16
Benzo(a)pyrene	ND	81	ug/kg	12
Benzo(b)fluoranthene	ND	81	ug/kg	15
Benzo(ghi)perylene	ND	81	ug/kg	14
Benzo(k)fluoranthene	ND 81 UJ	81	ug/kg	13
Benzaldehyde	ND 400 UJ	400	ug/kg	42
1,1'-Biphenyl	ND	400	ug/kg	22
bis(2-Chloroethoxy) methane	ND	400	ug/kg	19
bis(2-Chloroethyl)-ether	ND	81	ug/kg	9.0
bis(2-Ethylhexyl) phthalate	ND	400	ug/kg	31
4-Bromophenyl phenyl ether	ND	400	ug/kg	18
Butyl benzyl phthalate	ND	400	ug/kg	32
Caprolactam	ND	2000	ug/kg	76
Carbazole	ND	81	ug/kg	16
4-Chloroaniline	ND	400	ug/kg	34
4-Chloro-3-methylphenol	ND	400	ug/kg	24
2-Chloronaphthalene	ND	81	ug/kg	23
2-Chlorophenol	ND	400	ug/kg	20
4-Chlorophenyl phenyl ether	ND	400	ug/kg	20
Chrysene	ND	81	ug/kg	16
Dibenz(a,h)anthracene	ND	81	ug/kg	25
Dibenzofuran	ND	400	ug/kg	22
3,3'-Dichlorobenzidine	ND	400	ug/kg	90
2,4-Dichlorophenol	ND	81	ug/kg	12
Diethyl phthalate	**83 J**	**400**	**ug/kg**	**36**
2,4-Dimethylphenol	ND	400	ug/kg	17
Dimethyl phthalate	ND	400	ug/kg	23

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ENSR International

Client Sample ID: SB32(42-47.5)

GC/MS Semivolatiles

Lot-Sample #...: C8J160275-006 Work Order #...: K01731AL Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-butyl phthalate	ND	400	ug/kg	66
4,6-Dinitro-2-methylphenol	ND	2000	ug/kg	280
2,4-Dinitrophenol	ND	2000	ug/kg	470
2,4-Dinitrotoluene	ND	400	ug/kg	21
2,6-Dinitrotoluene	ND	400	ug/kg	26
Di-n-octyl phthalate	ND	400	ug/kg	28
Fluoranthene	ND	81	ug/kg	26
Fluorene	ND	81	ug/kg	19
Hexachlorobenzene	ND	81	ug/kg	24
Hexachlorobutadiene	ND	81	ug/kg	24
Hexachlorocyclopentadiene	ND	400	ug/kg	18
Hexachloroethane	ND	400	ug/kg	18
Indeno(1,2,3-cd)pyrene	ND	81	ug/kg	14
Isophorone	ND	400	ug/kg	22
2-Methylnaphthalene	ND	81	ug/kg	22
2-Methylphenol	ND	400	ug/kg	25
4-Methylphenol	ND	400	ug/kg	25
Naphthalene	**48 J**	**81**	**ug/kg**	**19**
2-Nitroaniline	ND	2000	ug/kg	24
3-Nitroaniline	ND	2000	ug/kg	34
4-Nitroaniline	ND	2000	ug/kg	17
Nitrobenzene	ND	81	ug/kg	9.9
2-Nitrophenol	ND	400	ug/kg	32
4-Nitrophenol	ND	2000	ug/kg	31
N-Nitrosodi-n-propylamine	ND	81	ug/kg	9.8
N-Nitrosodiphenylamine	ND	81	ug/kg	22
2,2'-oxybis(1-Chloropropane)	ND	81	ug/kg	24
Pentachlorophenol	ND	400	ug/kg	30
Phenanthrene	ND	81	ug/kg	19
Phenol	ND	81	ug/kg	24
Pyrene	ND	81	ug/kg	24
2,4,5-Trichlorophenol	ND	400	ug/kg	33
2,4,6-Trichlorophenol	ND	400	ug/kg	32

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ENSR International

Client Sample ID: SB32(42-47.5)

GC/MS Semivolatiles

Lot-Sample #...: C8J160275-006 Work Order #...: K01731AL Matrix.....: SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	87	(50 - 124)
2-Fluorobiphenyl	83	(49 - 105)
2-Fluorophenol	97	(39 - 103)
Nitrobenzene-d5	96	(25 - 104)
Phenol-d5	97	(25 - 105)
Terphenyl-d14	108	(25 - 127)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

ENSR International

Client Sample ID: SB32(42-47.5)

TOTAL Metals

Lot-Sample #...: C8J160275-006 Matrix.....: SO
Date Sampled...: 10/15/08 Date Received..: 10/16/08
% Moisture.....: 17

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8296214						
Silver	~~0.16 B,J~~ 0.60 U	0.60	mg/kg	SW846 6010B	10/22-11/02/08	K01731AM
		Dilution Factor: 1		Analysis Time..: 20:10	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8296135	MDL.....: 0.079	
Aluminum	7080 J	24.1	mg/kg	SW846 6010B	10/22-11/02/08	K01731AN
		Dilution Factor: 1		Analysis Time..: 20:10	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8296135	MDL.....: 2.9	
Arsenic	4.1	1.2	mg/kg	SW846 6010B	10/22-11/02/08	K01731AP
		Dilution Factor: 1		Analysis Time..: 20:10	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8296135	MDL.....: 0.35	
Barium	64.9 J	24.1	mg/kg	SW846 6010B	10/22-11/02/08	K01731AQ
		Dilution Factor: 1		Analysis Time..: 20:10	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8296135	MDL.....: 0.095	
Beryllium	0.70 J	0.48	mg/kg	SW846 6010B	10/22-11/02/08	K01731AR
		Dilution Factor: 1		Analysis Time..: 20:10	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8296135	MDL.....: 0.018	
Calcium	26400 J	602	mg/kg	SW846 6010B	10/22-11/02/08	K01731AT
		Dilution Factor: 1		Analysis Time..: 20:10	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8296135	MDL.....: 2.0	
Cadmium	~~0.19 B,J~~ 0.60 U	0.60	mg/kg	SW846 6010B	10/22-11/02/08	K01731AU
		Dilution Factor: 1		Analysis Time..: 20:10	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8296135	MDL.....: 0.025	
Cobalt	6.6	6.0	mg/kg	SW846 6010B	10/22-11/02/08	K01731AV
		Dilution Factor: 1		Analysis Time..: 20:10	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8296135	MDL.....: 0.097	
Copper	14.2	3.0	mg/kg	SW846 6010B	10/22-11/02/08	K01731AX
		Dilution Factor: 1		Analysis Time..: 20:10	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8296135	MDL.....: 0.32	

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ENSR International

Client Sample ID: SB32(42-47.5)

TOTAL Metals

Lot-Sample #...: C8J160275-006 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Iron	18000 J	12.0	mg/kg	SW846 6010B	10/22-11/02/08	K01731A0
		Dilution Factor: 1		Analysis Time..: 20:10	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8296135	MDL.....: 1.5	
Potassium	1230	602	mg/kg	SW846 6010B	10/22-11/02/08	K01731A1
		Dilution Factor: 1		Analysis Time..: 20:10	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8296135	MDL.....: 90.3	
Magnesium	7700 J	602	mg/kg	SW846 6010B	10/22-11/02/08	K01731A2
		Dilution Factor: 1		Analysis Time..: 20:10	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8296135	MDL.....: 2.5	
Manganese	367	1.8	mg/kg	SW846 6010B	10/22-11/02/08	K01731A3
		Dilution Factor: 1		Analysis Time..: 20:10	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8296135	MDL.....: 0.073	
Sodium	248 B J	602	mg/kg	SW846 6010B	10/22-11/02/08	K01731A4
		Dilution Factor: 1		Analysis Time..: 20:10	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8296135	MDL.....: 17.5	
Nickel	14.1 J	4.8	mg/kg	SW846 6010B	10/22-11/02/08	K01731A5
		Dilution Factor: 1		Analysis Time..: 20:10	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8296135	MDL.....: 0.17	
Lead	6.3	0.36	mg/kg	SW846 6010B	10/22-11/02/08	K01731A6
		Dilution Factor: 1		Analysis Time..: 20:10	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8296135	MDL.....: 0.19	
Selenium	ND	0.60	mg/kg	SW846 6010B	10/22-11/02/08	K01731AA
		Dilution Factor: 1		Analysis Time..: 20:10	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8296135	MDL.....: 0.21	
Thallium	ND	1.2	mg/kg	SW846 6010B	10/22-11/02/08	K01731AC
		Dilution Factor: 1		Analysis Time..: 20:10	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8296135	MDL.....: 0.37	
Antimony	ND U J	1.2	mg/kg	SW846 6010B	10/22-11/02/08	K01731AD
		Dilution Factor: 1		Analysis Time..: 20:10	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8296135	MDL.....: 0.25	

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ENSR International

Client Sample ID: SB32(42-47.5)

TOTAL Metals

Lot-Sample #...: C8J160275-006 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Vanadium	19.4	6.0	mg/kg	SW846 6010B	10/22-11/02/08	K01731AR
		Dilution Factor: 1		Analysis Time..: 20:10	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8296135	MDL.....: 0.29	
Zinc	41.5 J	2.4	mg/kg	SW846 6010B	10/22-11/02/08	K01731AP
		Dilution Factor: 1		Analysis Time..: 20:10	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8296135	MDL.....: 0.22	
Prep Batch #...: 8303021						
Mercury	~~0.011 B,J~~ 0.040 U	0.040	mg/kg	SW846 7471A	10/29/08	K01731AG
		Dilution Factor: 1		Analysis Time..: 09:04	Analyst ID.....: 031043	
		Instrument ID..: HGHYDRA		MS Run #.....: 8303010	MDL.....: 0.0030	
Prep Batch #...: 8309177						
Chromium	12.1	0.60	mg/kg	SW846 6010B	11/04-11/06/08	K01731AW
		Dilution Factor: 1		Analysis Time..: 13:45	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8309109	MDL.....: 0.067	

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.

ENSR International

Client Sample ID: SB33(22.5-25)

GC/MS Volatiles

Lot-Sample #...: C8J290111-003	**Work Order #...:** K1TDH1AK	**Matrix.....:** SO
Date Sampled...: 10/22/08	**Date Received..:** 10/28/08	**MS Run #.....:** 8308151
Prep Date.....: 11/03/08	**Analysis Date..:** 11/03/08	
Prep Batch #...: 8308262	**Analysis Time..:** 12:31	
Dilution Factor: 5	**Initial Wgt/Vol:** 5 g	**Final Wgt/Vol..:** 5 mL
% Moisture.....: 15	**Analyst ID.....:** 034635	**Instrument ID..:** HP4
	Method.....: SW846 8260B	

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	5900	ug/kg	1500
Benzene	ND	1500	ug/kg	290
Bromodichloromethane	ND	1500	ug/kg	280
Bromoform	ND	1500	ug/kg	320
Bromomethane	ND	1500	ug/kg	470
2-Butanone	ND	1500	ug/kg	320
Carbon disulfide	ND	1500	ug/kg	320
Carbon tetrachloride	ND	1500	ug/kg	320
Chlorobenzene	ND	1500	ug/kg	160
Chloroethane	ND	1500	ug/kg	220
Chloroform	ND	1500	ug/kg	300
Chloromethane	ND	1500	ug/kg	410
Cyclohexane	ND	1500	ug/kg	180
Dibromochloromethane	ND	1500	ug/kg	190
1,2-Dibromo-3-chloro-propane	ND	1500	ug/kg	100
1,2-Dibromoethane	ND	1500	ug/kg	180
1,3-Dichlorobenzene	ND	1500	ug/kg	150
1,4-Dichlorobenzene	ND	1500	ug/kg	160
1,2-Dichlorobenzene	ND	1500	ug/kg	200
Dichlorodifluoromethane	ND	1500	ug/kg	190
1,1-Dichloroethane	ND	1500	ug/kg	300
1,2-Dichloroethane	ND	1500	ug/kg	280
1,1-Dichloroethene	ND	1500	ug/kg	320
cis-1,2-Dichloroethene	ND	1500	ug/kg	200
trans-1,2-Dichloroethene	ND	1500	ug/kg	220
1,2-Dichloropropane	ND	1500	ug/kg	380
cis-1,3-Dichloropropene	ND	1500	ug/kg	210
trans-1,3-Dichloropropene	ND	1500	ug/kg	170
Ethylbenzene	**2400**	**1500**	**ug/kg**	**180**
2-Hexanone	ND	1500	ug/kg	170
Isopropylbenzene	**800 J**	**1500**	**ug/kg**	**160**
Methyl acetate	ND	1500	ug/kg	360
Methylene chloride	ND	1500	ug/kg	320
Methylcyclohexane	ND	1500	ug/kg	160
4-Methyl-2-pentanone	ND	1500	ug/kg	170
Methyl tert-butyl ether	ND	1500	ug/kg	300

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ENSR International

Client Sample ID: SB33(22.5-25)

GC/MS Volatiles

Lot-Sample #...: C8J290111-003 **Work Order #...:** K1TDH1AK **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Styrene	ND	1500	ug/kg	190
1,1,2,2-Tetrachloroethane	ND	1500	ug/kg	280
1,2,4-Trichloro-benzene	ND	1500	ug/kg	110
Tetrachloroethene	ND	1500	ug/kg	240
1,1,1-Trichloroethane	ND	1500	ug/kg	300
1,1,2-Trichloroethane	ND	1500	ug/kg	340
Trichloroethene	ND	1500	ug/kg	240
Trichlorofluoromethane	ND	1500	ug/kg	330
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1500	ug/kg	98
Vinyl chloride	ND	1500	ug/kg	380
Xylenes (total)	**3600 J**	**4400**	**ug/kg**	**580**
Toluene	ND	1500	ug/kg	250

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	106	(52 - 124)
Toluene-d8	105	(72 - 127)
4-Bromofluorobenzene	105	(63 - 120)
Dibromofluoromethane	100	(68 - 121)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

ENSR International

Client Sample ID: SB33(22.5-25)

GC/MS Semivolatiles

Lot-Sample #...:	C8J290111-003	Work Order #...:	K1TDH1AL	Matrix.....:	SO
Date Sampled...:	10/22/08 10:40	Date Received..:	10/28/08 10:00	MS Run #.....:	8309012
Prep Date.....:	11/04/08	Analysis Date..:	11/06/08		
Prep Batch #...:	8309020	Analysis Time..:	12:04		
Dilution Factor:	4.95	Initial Wgt/Vol:	15.2 g	Final Wgt/Vol..:	5 mL
% Moisture.....:	15	Analyst ID.....:	007062	Instrument ID..:	722
		Method.....:	SW846 8270C		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	**15000**	**390**	**ug/kg**	**100**
Acenaphthylene	**2400**	**390**	**ug/kg**	**110**
Acetophenone	ND	1900	ug/kg	120
Anthracene	**11000**	**390**	**ug/kg**	**110**
Atrazine	ND 19000	1900	ug/kg	130
Benzo(a)anthracene	**6900**	**390**	**ug/kg**	**77**
Benzo(a)pyrene	**4900**	**390**	**ug/kg**	**60**
Benzo(b)fluoranthene	**3800**	**390**	**ug/kg**	**75**
Benzo(ghi)perylene	**1900**	**390**	**ug/kg**	**66**
Benzo(k)fluoranthene	ND	390	ug/kg	62
Benzaldehyde	ND 19000	1900	ug/kg	210
1,1'-Biphenyl	**2700**	**1900**	**ug/kg**	**110**
bis(2-Chloroethoxy) methane	ND	1900	ug/kg	91
bis(2-Chloroethyl)-ether	ND	390	ug/kg	44
bis(2-Ethylhexyl) phthalate	ND	1900	ug/kg	150
4-Bromophenyl phenyl ether	ND	1900	ug/kg	87
Butyl benzyl phthalate	ND	1900	ug/kg	160
Caprolactam	ND	10000	ug/kg	370
Carbazole	ND	390	ug/kg	80
4-Chloroaniline	ND	1900	ug/kg	170
4-Chloro-3-methylphenol	ND	1900	ug/kg	120
2-Chloronaphthalene	ND	390	ug/kg	110
2-Chlorophenol	ND	1900	ug/kg	98
4-Chlorophenyl phenyl ether	ND	1900	ug/kg	96
Chrysene	**5800**	**390**	**ug/kg**	**77**
Dibenz(a,h)anthracene	**410**	**390**	**ug/kg**	**120**
Dibenzofuran	**920 J**	**1900**	**ug/kg**	**110**
3,3'-Dichlorobenzidine	ND 19000	1900	ug/kg	440
2,4-Dichlorophenol	ND	390	ug/kg	58
Diethyl phthalate	ND	1900	ug/kg	170
2,4-Dimethylphenol	ND	1900	ug/kg	83
Dimethyl phthalate	ND	1900	ug/kg	110

(Continued on next page)

ENSR International

Client Sample ID: SB33(22.5-25)

GC/MS Semivolatiles

Lot-Sample #...: C8J290111-003 Work Order #...: K1TDH1AL Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-butyl phthalate	ND	1900	ug/kg	320
4,6-Dinitro-2-methylphenol	ND 10000 UJ	10000	ug/kg	1400
2,4-Dinitrophenol	ND 10000 UJ	10000	ug/kg	2300
2,4-Dinitrotoluene	ND	1900	ug/kg	100
2,6-Dinitrotoluene	ND	1900	ug/kg	130
Di-n-octyl phthalate	ND	1900	ug/kg	140
Fluoranthene	**11000**	**390**	**ug/kg**	**130**
Fluorene	**8700**	**390**	**ug/kg**	**94**
Hexachlorobenzene	ND	390	ug/kg	120
Hexachlorobutadiene	ND	390	ug/kg	120
Hexachlorocyclopentadiene	ND 1400 UJ	1900	ug/kg	89
Hexachloroethane	ND	1900	ug/kg	87
Indeno(1,2,3-cd)pyrene	**1400**	**390**	**ug/kg**	**69**
Isophorone	ND	1900	ug/kg	110
2-Methylnaphthalene	**10000**	**390**	**ug/kg**	**110**
2-Methylphenol	ND	1900	ug/kg	120
4-Methylphenol	ND	1900	ug/kg	120
Naphthalene	**2400**	**390**	**ug/kg**	**94**
2-Nitroaniline	ND	10000	ug/kg	120
3-Nitroaniline	ND	10000	ug/kg	170
4-Nitroaniline	ND	10000	ug/kg	82
Nitrobenzene	ND	390	ug/kg	48
2-Nitrophenol	ND	1900	ug/kg	150
4-Nitrophenol	ND	10000	ug/kg	150
N-Nitrosodi-n-propylamine	ND	390	ug/kg	48
N-Nitrosodiphenylamine	ND	390	ug/kg	110
2,2'-oxybis (1-Chloropropane)	ND	390	ug/kg	120
Pentachlorophenol	ND	1900	ug/kg	140
Phenanthrene	**31000**	**390**	**ug/kg**	**93**
Phenol	**140 J**	**390**	**ug/kg**	**120**
Pyrene	**15000**	**390**	**ug/kg**	**120**
2,4,5-Trichlorophenol	ND	1900	ug/kg	160
2,4,6-Trichlorophenol	ND	1900	ug/kg	160

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ENSR International

Client Sample ID: SB33(22.5-25)

GC/MS Semivolatiles

Lot-Sample #...: C8J290111-003 Work Order #...: K1TDH1AL Matrix.....: SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	78	(50 - 124)
2-Fluorobiphenyl	86	(49 - 105)
2-Fluorophenol	86	(39 - 103)
Nitrobenzene-d5	81	(25 - 104)
Phenol-d5	90	(25 - 105)
Terphenyl-d14	76	(25 - 127)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

ENSR International

Client Sample ID: SB33(22.5-25)

TOTAL Metals

Lot-Sample #...: C8J290111-003 Matrix.....: SO
Date Sampled...: 10/22/08 Date Received..: 10/28/08
% Moisture.....: 15

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8306097						
Silver	0.080 ~~B~~ J	0.59	mg/kg	SW846 6010B	11/01-11/06/08	K1TDH1AM
		Dilution Factor: 1		Analysis Time..: 18:02	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 0.078	
Aluminum	4090	23.7	mg/kg	SW846 6010B	11/01-11/06/08	K1TDH1AN
		Dilution Factor: 1		Analysis Time..: 18:02	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 2.8	
Arsenic	1.7	1.2	mg/kg	SW846 6010B	11/01-11/06/08	K1TDH1AP
		Dilution Factor: 1		Analysis Time..: 18:02	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 0.34	
Barium	19.5 ~~B~~ J	23.7	mg/kg	SW846 6010B	11/01-11/06/08	K1TDH1AQ
		Dilution Factor: 1		Analysis Time..: 18:02	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 0.093	
Beryllium	~~0.42 B,J~~ 0.47U	0.47	mg/kg	SW846 6010B	11/01-11/06/08	K1TDH1AR
		Dilution Factor: 1		Analysis Time..: 18:02	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 0.018	
Calcium	28000 ~~J~~	592	mg/kg	SW846 6010B	11/01-11/06/08	K1TDH1AT
		Dilution Factor: 1		Analysis Time..: 18:02	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 2.0	
Cadmium	0.25 ~~B~~ J	0.59	mg/kg	SW846 6010B	11/01-11/06/08	K1TDH1AU
		Dilution Factor: 1		Analysis Time..: 18:02	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 0.025	
Cobalt	4.3 ~~B~~ J	5.9	mg/kg	SW846 6010B	11/01-11/06/08	K1TDH1AV
		Dilution Factor: 1		Analysis Time..: 18:02	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 0.096	
Chromium	7.0	0.59	mg/kg	SW846 6010B	11/01-11/06/08	K1TDH1AW
		Dilution Factor: 1		Analysis Time..: 18:02	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 0.066	

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ENSR International

Client Sample ID: SB33(22.5-25)

TOTAL Metals

Lot-Sample #...: C8J290111-003 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Copper	9.9	3.0	mg/kg	SW846 6010B	11/01-11/06/08	K1TDH1AX
		Dilution Factor: 1		Analysis Time..: 18:02	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 0.31	
Iron	10800 J	11.8	mg/kg	SW846 6010B	11/01-11/06/08	K1TDH1A0
		Dilution Factor: 1		Analysis Time..: 18:02	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 1.5	
Potassium	759	592	mg/kg	SW846 6010B	11/01-11/06/08	K1TDH1A1
		Dilution Factor: 1		Analysis Time..: 18:02	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 88.7	
Magnesium	6440	592	mg/kg	SW846 6010B	11/01-11/06/08	K1TDH1A2
		Dilution Factor: 1		Analysis Time..: 18:02	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 2.5	
Manganese	279	1.8	mg/kg	SW846 6010B	11/01-11/06/08	K1TDH1A3
		Dilution Factor: 1		Analysis Time..: 18:02	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 0.072	
Sodium	153 B J	592	mg/kg	SW846 6010B	11/01-11/06/08	K1TDH1A4
		Dilution Factor: 1		Analysis Time..: 18:02	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 17.2	
Nickel	10.0	4.7	mg/kg	SW846 6010B	11/01-11/06/08	K1TDH1A5
		Dilution Factor: 1		Analysis Time..: 18:02	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 0.17	
Lead	4.4	0.35	mg/kg	SW846 6010B	11/01-11/06/08	K1TDH1A6
		Dilution Factor: 1		Analysis Time..: 18:02	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 0.19	
Selenium	ND	0.59	mg/kg	SW846 6010B	11/01-11/06/08	K1TDH1AA
		Dilution Factor: 1		Analysis Time..: 18:02	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 0.21	
Thallium	ND	1.2	mg/kg	SW846 6010B	11/01-11/06/08	K1TDH1AC
		Dilution Factor: 1		Analysis Time..: 18:02	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 0.36	

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ENSR International

Client Sample ID: SB33(22.5-25)

TOTAL Metals

Lot-Sample #...: C8J290111-003 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	ND	1.2	mg/kg	SW846 6010B	11/01-11/06/08	K1TDH1AD
		Dilution Factor: 1		Analysis Time..: 18:02	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 0.25	
Vanadium	**12.5**	**5.9**	**mg/kg**	**SW846 6010B**	**11/01-11/06/08**	**K1TDH1AE**
		Dilution Factor: 1		Analysis Time..: 18:02	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 0.29	
Zinc	**30.6 J**	**2.4**	**mg/kg**	**SW846 6010B**	**11/01-11/06/08**	**K1TDH1AF**
		Dilution Factor: 1		Analysis Time..: 18:02	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 0.22	
Prep Batch #...: 8315024						
Mercury	**0.0075 B J**	**0.039**	**mg/kg**	**SW846 7471A**	**11/10/08**	**K1TDH1AG**
		Dilution Factor: 1		Analysis Time..: 10:00	Analyst ID.....: 031043	
		Instrument ID..: HGHYDRA		MS Run #.....: 8315018	MDL.....: 0.0030	

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.

ENSR International

Client Sample ID: SB33(35-37.5)

GC/MS Volatiles

Lot-Sample #...:	C8J290111-004	**Work Order #...:**	K1TDJ1AK	**Matrix.....:**	SO
Date Sampled...:	10/22/08	**Date Received..:**	10/28/08	**MS Run #.....:**	8304314
Prep Date.....:	10/31/08	**Analysis Date..:**	10/31/08		
Prep Batch #...:	8304532	**Analysis Time..:**	12:20		
Dilution Factor:	1	**Initial Wgt/Vol:**	5 g	**Final Wgt/Vol..:**	5 mL
% Moisture.....:	14	**Analyst ID.....:**	010099	**Instrument ID..:**	HP3
		Method.....:	SW846 8260B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	23	ug/kg	5.8
Benzene	ND	5.8	ug/kg	0.79
Bromodichloromethane	ND	5.8	ug/kg	0.66
Bromoform	ND	5.8	ug/kg	0.52
Bromomethane	ND	5.8	ug/kg	0.86
2-Butanone	ND	5.8	ug/kg	1.0
Carbon disulfide	ND	5.8	ug/kg	0.60
Carbon tetrachloride	ND	5.8	ug/kg	0.52
Chlorobenzene	ND	5.8	ug/kg	0.89
Chloroethane	ND	5.8	ug/kg	1.8
Chloroform	ND	5.8	ug/kg	0.68
Chloromethane	ND	5.8	ug/kg	1.0
Cyclohexane	ND	5.8	ug/kg	0.43
Dibromochloromethane	ND	5.8	ug/kg	0.83
1,2-Dibromo-3-chloro-propane	ND	5.8	ug/kg	0.87
1,2-Dibromoethane	ND	5.8	ug/kg	1.0
1,3-Dichlorobenzene	ND	5.8	ug/kg	0.77
1,4-Dichlorobenzene	ND	5.8	ug/kg	0.74
1,2-Dichlorobenzene	ND	5.8	ug/kg	0.93
Dichlorodifluoromethane	ND	5.8	ug/kg	0.78
1,1-Dichloroethane	ND	5.8	ug/kg	0.67
1,2-Dichloroethane	ND	5.8	ug/kg	0.72
1,1-Dichloroethene	ND	5.8	ug/kg	0.99
cis-1,2-Dichloroethene	ND	5.8	ug/kg	0.82
trans-1,2-Dichloroethene	ND	5.8	ug/kg	0.70
1,2-Dichloropropane	ND	5.8	ug/kg	0.63
cis-1,3-Dichloropropene	ND	5.8	ug/kg	0.79
trans-1,3-Dichloropropene	ND	5.8	ug/kg	0.70
Ethylbenzene	ND	5.8	ug/kg	0.75
2-Hexanone	ND	5.8	ug/kg	0.81
Isopropylbenzene	ND	5.8	ug/kg	0.79
Methyl acetate	ND	5.8	ug/kg	1.1
Methylene chloride	~~1.6 J,B~~ 5.8 U	**5.8**	**ug/kg**	**0.79**
Methylcyclohexane	ND	5.8	ug/kg	0.85
4-Methyl-2-pentanone	ND	5.8	ug/kg	0.76
Methyl tert-butyl ether	ND	5.8	ug/kg	0.87

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ENSR International

Client Sample ID: SB33(35-37.5)

GC/MS Volatiles

Lot-Sample #...: C8J290111-004 Work Order #...: K1TDJ1AK Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Styrene	ND	5.8	ug/kg	0.82
1,1,2,2-Tetrachloroethane	ND	5.8	ug/kg	0.84
1,2,4-Trichloro-benzene	ND 5.8 U J	5.8	ug/kg	1.0
Tetrachloroethene	ND	5.8	ug/kg	0.80
1,1,1-Trichloroethane	ND	5.8	ug/kg	0.57
1,1,2-Trichloroethane	ND	5.8	ug/kg	0.97
Trichloroethene	ND	5.8	ug/kg	0.77
Trichlorofluoromethane	ND	5.8	ug/kg	1.1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	5.8	ug/kg	1.2
Vinyl chloride	ND	5.8	ug/kg	0.55
Xylenes (total)	ND	18	ug/kg	2.6
Toluene	ND	5.8	ug/kg	0.85

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	103	(52 - 124)
Toluene-d8	103	(72 - 127)
4-Bromofluorobenzene	93	(63 - 120)
Dibromofluoromethane	97	(68 - 121)

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.

ENSR International

Client Sample ID: SB33(35-37.5)

GC/MS Semivolatiles

Lot-Sample #...:	C8J290111-004	Work Order #...:	K1TDJ1AL	Matrix.....:	SO
Date Sampled...:	10/22/08 11:00	Date Received..:	10/28/08 10:00	MS Run #.....:	8309012
Prep Date.....:	11/04/08	Analysis Date..:	11/06/08		
Prep Batch #...:	8309020	Analysis Time..:	12:26		
Dilution Factor:	0.99	Initial Wgt/Vol:	15.1 g	Final Wgt/Vol..:	5 mL
% Moisture.....:	14	Analyst ID.....:	007062	Instrument ID..:	722
		Method.....:	SW846 8270C		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	78	ug/kg	20
Acenaphthylene	**55 J**	**78**	**ug/kg**	**22**
Acetophenone	ND	380	ug/kg	23
Anthracene	**45 J**	**78**	**ug/kg**	**22**
Atrazine	ND 380 UJ	380	ug/kg	26
Benzo(a)anthracene	**43 J**	**78**	**ug/kg**	**15**
Benzo(a)pyrene	**28 J**	**78**	**ug/kg**	**12**
Benzo(b)fluoranthene	**48 J**	**78**	**ug/kg**	**15**
Benzo(ghi)perylene	**24 J**	**78**	**ug/kg**	**13**
Benzo(k)fluoranthene	ND	78	ug/kg	12
Benzaldehyde	ND 380 UJ	380	ug/kg	41
1,1'-Biphenyl	ND	380	ug/kg	21
bis(2-Chloroethoxy) methane	ND	380	ug/kg	18
bis(2-Chloroethyl)-ether	ND	78	ug/kg	8.6
bis(2-Ethylhexyl) phthalate	ND	380	ug/kg	29
4-Bromophenyl phenyl ether	ND	380	ug/kg	17
Butyl benzyl phthalate	ND	380	ug/kg	31
Caprolactam	ND	2000	ug/kg	73
Carbazole	ND	78	ug/kg	16
4-Chloroaniline	ND	380	ug/kg	33
4-Chloro-3-methylphenol	ND	380	ug/kg	23
2-Chloronaphthalene	ND	78	ug/kg	22
2-Chlorophenol	ND	380	ug/kg	19
4-Chlorophenyl phenyl ether	ND	380	ug/kg	19
Chrysene	**41 J**	**78**	**ug/kg**	**15**
Dibenz(a,h)anthracene	ND	78	ug/kg	24
Dibenzofuran	ND	380	ug/kg	21
3,3'-Dichlorobenzidine	ND 380 UJ	380	ug/kg	86
2,4-Dichlorophenol	ND	78	ug/kg	11
Diethyl phthalate	ND	380	ug/kg	34
2,4-Dimethylphenol	ND	380	ug/kg	16
Dimethyl phthalate	ND	380	ug/kg	22

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ENSR International

Client Sample ID: SB33(35-37.5)

GC/MS Semivolatiles

Lot-Sample #...: C8J290111-004 Work Order #...: K1TDJ1AL Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-butyl phthalate	ND	380	ug/kg	64
4,6-Dinitro-2-methylphenol	ND 2000 UJ	2000	ug/kg	270
2,4-Dinitrophenol	ND 2000 UJ	2000	ug/kg	450
2,4-Dinitrotoluene	ND	380	ug/kg	20
2,6-Dinitrotoluene	ND	380	ug/kg	25
Di-n-octyl phthalate	ND	380	ug/kg	27
Fluoranthene	**88**	**78**	**ug/kg**	**25**
Fluorene	ND	78	ug/kg	19
Hexachlorobenzene	ND	78	ug/kg	23
Hexachlorobutadiene	ND	78	ug/kg	23
Hexachlorocyclopentadiene	ND 380 UJ	380	ug/kg	18
Hexachloroethane	ND	380	ug/kg	17
Indeno(1,2,3-cd)pyrene	**20 J**	**78**	**ug/kg**	**14**
Isophorone	ND	380	ug/kg	21
2-Methylnaphthalene	ND	78	ug/kg	21
2-Methylphenol	ND	380	ug/kg	24
4-Methylphenol	ND	380	ug/kg	24
Naphthalene	**52 J**	**78**	**ug/kg**	**19**
2-Nitroaniline	ND	2000	ug/kg	23
3-Nitroaniline	ND	2000	ug/kg	33
4-Nitroaniline	ND	2000	ug/kg	16
Nitrobenzene	ND	78	ug/kg	9.5
2-Nitrophenol	ND	380	ug/kg	31
4-Nitrophenol	ND	2000	ug/kg	30
N-Nitrosodi-n-propylamine	ND	78	ug/kg	9.4
N-Nitrosodiphenylamine	ND	78	ug/kg	21
2,2'-oxybis(1-Chloropropane)	ND	78	ug/kg	23
Pentachlorophenol	ND	380	ug/kg	29
Phenanthrene	**160**	**78**	**ug/kg**	**18**
Phenol	**140**	**78**	**ug/kg**	**23**
Pyrene	**57 J**	**78**	**ug/kg**	**23**
2,4,5-Trichlorophenol	ND	380	ug/kg	32
2,4,6-Trichlorophenol	ND	380	ug/kg	31

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ENSR International

Client Sample ID: SB33(35-37.5)

GC/MS Semivolatiles

Lot-Sample #...: C8J290111-004 Work Order #...: K1TDJ1AL Matrix.....: SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	70	(50 - 124)
2-Fluorobiphenyl	80	(49 - 105)
2-Fluorophenol	86	(39 - 103)
Nitrobenzene-d5	78	(25 - 104)
Phenol-d5	83	(25 - 105)
Terphenyl-d14	80	(25 - 127)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

ENSR International

Client Sample ID: SB33(35-37.5)

TOTAL Metals

Lot-Sample #...: C8J290111-004 **Matrix.....:** SO
Date Sampled...: 10/22/08 **Date Received..:** 10/28/08
% Moisture.....: 14

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8306097						
Silver	ND	0.58	mg/kg	SW846 6010B	11/01-11/06/08	K1TDJ1AM
		Dilution Factor: 1		Analysis Time..: 18:08	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 0.077	
Aluminum	**2710**	**23.4**	**mg/kg**	**SW846 6010B**	**11/01-11/06/08**	**K1TDJ1AN**
		Dilution Factor: 1		Analysis Time..: 18:08	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 2.8	
Arsenic	**1.3**	**1.2**	**mg/kg**	**SW846 6010B**	**11/01-11/06/08**	**K1TDJ1AP**
		Dilution Factor: 1		Analysis Time..: 18:08	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 0.34	
Barium	**14.3 B J**	**23.4**	**mg/kg**	**SW846 6010B**	**11/01-11/06/08**	**K1TDJ1AQ**
		Dilution Factor: 1		Analysis Time..: 18:08	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 0.092	
Beryllium	~~0.34 B,J~~ 0.47U	**0.47**	**mg/kg**	**SW846 6010B**	**11/01-11/06/08**	**K1TDJ1AR**
		Dilution Factor: 1		Analysis Time..: 18:08	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 0.018	
Calcium	**31800 J**	**584**	**mg/kg**	**SW846 6010B**	**11/01-11/06/08**	**K1TDJ1AT**
		Dilution Factor: 1		Analysis Time..: 18:08	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 2.0	
Cadmium	**0.22 B J**	**0.58**	**mg/kg**	**SW846 6010B**	**11/01-11/06/08**	**K1TDJ1AU**
		Dilution Factor: 1		Analysis Time..: 18:08	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 0.025	
Cobalt	**2.8 B J**	**5.8**	**mg/kg**	**SW846 6010B**	**11/01-11/06/08**	**K1TDJ1AV**
		Dilution Factor: 1		Analysis Time..: 18:08	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 0.095	
Chromium	**4.7**	**0.58**	**mg/kg**	**SW846 6010B**	**11/01-11/06/08**	**K1TDJ1AW**
		Dilution Factor: 1		Analysis Time..: 18:08	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 0.065	

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ENSR International

Client Sample ID: SB33(35-37.5)

TOTAL Metals

Lot-Sample #...: C8J290111-004 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Copper	6.1	2.9	mg/kg	SW846 6010B	11/01-11/06/08	K1TDJ1AX
		Dilution Factor: 1		Analysis Time..: 18:08	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 0.31	
Iron	8360 J	11.7	mg/kg	SW846 6010B	11/01-11/06/08	K1TDJ1A0
		Dilution Factor: 1		Analysis Time..: 18:08	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 1.5	
Potassium	475 B J	584	mg/kg	SW846 6010B	11/01-11/06/08	K1TDJ1A1
		Dilution Factor: 1		Analysis Time..: 18:08	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 87.7	
Magnesium	4200	584	mg/kg	SW846 6010B	11/01-11/06/08	K1TDJ1A2
		Dilution Factor: 1		Analysis Time..: 18:08	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 2.4	
Manganese	334	1.8	mg/kg	SW846 6010B	11/01-11/06/08	K1TDJ1A3
		Dilution Factor: 1		Analysis Time..: 18:08	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 0.071	
Sodium	47.9 B J	584	mg/kg	SW846 6010B	11/01-11/06/08	K1TDJ1A4
		Dilution Factor: 1		Analysis Time..: 18:08	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 17.0	
Nickel	6.3	4.7	mg/kg	SW846 6010B	11/01-11/06/08	K1TDJ1A5
		Dilution Factor: 1		Analysis Time..: 18:08	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 0.17	
Lead	2.5	0.35	mg/kg	SW846 6010B	11/01-11/06/08	K1TDJ1A6
		Dilution Factor: 1		Analysis Time..: 18:08	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 0.18	
Selenium	ND	0.58	mg/kg	SW846 6010B	11/01-11/06/08	K1TDJ1AA
		Dilution Factor: 1		Analysis Time..: 18:08	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 0.20	
Thallium	ND	1.2	mg/kg	SW846 6010B	11/01-11/06/08	K1TDJ1AC
		Dilution Factor: 1		Analysis Time..: 18:08	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 0.36	

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ENSR International

Client Sample ID: SB33(35-37.5)

TOTAL Metals

Lot-Sample #...: C8J290111-004 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	ND	1.2	mg/kg	SW846 6010B	11/01-11/06/08	K1TDJ1AD
		Dilution Factor: 1		Analysis Time..: 18:08	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 0.25	
Vanadium	**9.2**	**5.8**	**mg/kg**	**SW846 6010B**	**11/01-11/06/08**	**K1TDJ1AE**
		Dilution Factor: 1		Analysis Time..: 18:08	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 0.28	
Zinc	**22.1 J**	**2.3**	**mg/kg**	**SW846 6010B**	**11/01-11/06/08**	**K1TDJ1AF**
		Dilution Factor: 1		Analysis Time..: 18:08	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 0.22	
Prep Batch #...: 8315024						
Mercury	**0.0053 B J**	**0.039**	**mg/kg**	**SW846 7471A**	**11/10/08**	**K1TDJ1AG**
		Dilution Factor: 1		Analysis Time..: 10:02	Analyst ID.....: 031043	
		Instrument ID..: HGHYDRA		MS Run #.....: 8315018	MDL.....: 0.0029	

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.

ENSR International

Client Sample ID: SB34(32.5-35)

GC/MS Volatiles

Lot-Sample #...: C8J290111-001	**Work Order #...:** K1TDF1AC	**Matrix.....:** SO
Date Sampled...: 10/21/08	**Date Received..:** 10/28/08	**MS Run #.....:** 8308151
Prep Date.....: 11/03/08	**Analysis Date..:** 11/03/08	
Prep Batch #...: 8308262	**Analysis Time..:** 11:45	
Dilution Factor: 5	**Initial Wgt/Vol:** 5 g	**Final Wgt/Vol..:** 5 mL
% Moisture.....: 16	**Analyst ID.....:** 034635	**Instrument ID..:** HP4
	Method.....: SW846 8260B	

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	5900	ug/kg	1500
Benzene	ND	1500	ug/kg	290
Bromodichloromethane	ND	1500	ug/kg	280
Bromoform	ND	1500	ug/kg	320
Bromomethane	ND	1500	ug/kg	470
2-Butanone	ND	1500	ug/kg	320
Carbon disulfide	ND	1500	ug/kg	320
Carbon tetrachloride	ND	1500	ug/kg	320
Chlorobenzene	ND	1500	ug/kg	160
Chloroethane	ND	1500	ug/kg	220
Chloroform	ND	1500	ug/kg	300
Chloromethane	ND	1500	ug/kg	410
Cyclohexane	ND	1500	ug/kg	180
Dibromochloromethane	ND	1500	ug/kg	190
1,2-Dibromo-3-chloro-propane	ND	1500	ug/kg	100
1,2-Dibromoethane	ND	1500	ug/kg	180
1,3-Dichlorobenzene	ND	1500	ug/kg	150
1,4-Dichlorobenzene	ND	1500	ug/kg	160
1,2-Dichlorobenzene	ND	1500	ug/kg	200
Dichlorodifluoromethane	ND	1500	ug/kg	190
1,1-Dichloroethane	ND	1500	ug/kg	300
1,2-Dichloroethane	ND	1500	ug/kg	280
1,1-Dichloroethene	ND	1500	ug/kg	320
cis-1,2-Dichloroethene	ND	1500	ug/kg	200
trans-1,2-Dichloroethene	ND	1500	ug/kg	220
1,2-Dichloropropane	ND	1500	ug/kg	380
cis-1,3-Dichloropropene	ND	1500	ug/kg	220
trans-1,3-Dichloropropene	ND	1500	ug/kg	170
Ethylbenzene	**3200**	**1500**	**ug/kg**	**180**
2-Hexanone	ND	1500	ug/kg	170
Isopropylbenzene	**1400 J**	**1500**	**ug/kg**	**160**
Methyl acetate	ND	1500	ug/kg	360
Methylene chloride	ND	1500	ug/kg	320
Methylcyclohexane	ND	1500	ug/kg	160
4-Methyl-2-pentanone	ND	1500	ug/kg	180
Methyl tert-butyl ether	ND	1500	ug/kg	300

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RNSR International

Client Sample ID: SB34(32.5-35)

GC/MS Volatiles

Lot-Sample #...: C8J290111-001 **Work Order #...:** K1TDF1AC **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Styrene	ND	1500	ug/kg	190
1,1,2,2-Tetrachloroethane	ND	1500	ug/kg	280
1,2,4-Trichloro-benzene	ND	1500	ug/kg	110
Tetrachloroethene	ND	1500	ug/kg	240
1,1,1-Trichloroethane	ND	1500	ug/kg	310
1,1,2-Trichloroethane	ND	1500	ug/kg	340
Trichloroethene	ND	1500	ug/kg	240
Trichlorofluoromethane	ND	1500	ug/kg	330
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1500	ug/kg	98
Vinyl chloride	ND	1500	ug/kg	380
Xylenes (total)	**7800**	**4400**	**ug/kg**	**580**
Toluene	ND	1500	ug/kg	250

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	94	(52 - 124)
Toluene-d8	98	(72 - 127)
4-Bromofluorobenzene	98	(63 - 120)
Dibromofluoromethane	90	(68 - 121)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

ENSR International

Client Sample ID: SB34(32.5-35)

GC/MS Semivolatiles

Lot-Sample #...:	C8J290111-001	Work Order #...:	K1TDF1AD	Matrix.....:	SO
Date Sampled...:	10/21/08 11:30	Date Received..:	10/28/08 10:00	MS Run #.....:	8309012
Prep Date.....:	11/04/08	Analysis Date..:	11/06/08		
Prep Batch #...:	8309020	Analysis Time..:	10:36		
Dilution Factor:	5	Initial Wgt/Vol:	15 g	Final Wgt/Vol..:	5 mL
% Moisture.....:	16	Analyst ID.....:	007062	Instrument ID..:	722
		Method.....:	SW846 8270C		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	**19000 J**	**400**	**ug/kg**	**100**
Acenaphthylene	**4400**	**400**	**ug/kg**	**110**
Acetophenone	ND	2000	ug/kg	120
Anthracene	**12000**	**400**	**ug/kg**	**110**
Atrazine	ND 2000 UJ	2000	ug/kg	140
Benzo(a)anthracene	**7400**	**400**	**ug/kg**	**78**
Benzo(a)pyrene	**6000**	**400**	**ug/kg**	**61**
Benzo(b)fluoranthene	**4900**	**400**	**ug/kg**	**76**
Benzo(ghi)perylene	**2100**	**400**	**ug/kg**	**67**
Benzo(k)fluoranthene	ND	400	ug/kg	63
Benzaldehyde	ND 2000 UJ	2000	ug/kg	210
1,1'-Biphenyl	**3900**	**2000**	**ug/kg**	**110**
bis(2-Chloroethoxy) methane	ND	2000	ug/kg	92
bis(2-Chloroethyl)-ether	ND	400	ug/kg	44
bis(2-Ethylhexyl) phthalate	ND	2000	ug/kg	150
4-Bromophenyl phenyl ether	ND	2000	ug/kg	88
Butyl benzyl phthalate	ND	2000	ug/kg	160
Caprolactam	ND	10000	ug/kg	370
Carbazole	**140 J**	**400**	**ug/kg**	**81**
4-Chloroaniline	ND	2000	ug/kg	170
4-Chloro-3-methylphenol	ND	2000	ug/kg	120
2-Chloronaphthalene	ND	400	ug/kg	110
2-Chlorophenol	ND	2000	ug/kg	99
4-Chlorophenyl phenyl ether	ND	2000	ug/kg	97
Chrysene	**6800**	**400**	**ug/kg**	**78**
Dibenz(a,h)anthracene	**600**	**400**	**ug/kg**	**120**
Dibenzofuran	**1100 J**	**2000**	**ug/kg**	**110**
3,3'-Dichlorobenzidine	ND 2000 UJ	2000	ug/kg	440
2,4-Dichlorophenol	ND	400	ug/kg	59
Diethyl phthalate	ND	2000	ug/kg	180
2,4-Dimethylphenol	ND	2000	ug/kg	84
Dimethyl phthalate	ND	2000	ug/kg	110

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ENSR International

Client Sample ID: SB34(32.5-35)

GC/MS Semivolatiles

Lot-Sample #...: C8J290111-001 Work Order #...: K1TDF1AD Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-butyl phthalate	ND	2000	ug/kg	330
4,6-Dinitro-2-methylphenol	ND 10000 U J	10000	ug/kg	1400
2,4-Dinitrophenol	ND 10000 U J	10000	ug/kg	2300
2,4-Dinitrotoluene	ND	2000	ug/kg	100
2,6-Dinitrotoluene	ND	2000	ug/kg	130
Di-n-octyl phthalate	ND	2000	ug/kg	140
Fluoranthene	**12000**	**400**	**ug/kg**	**130**
Fluorene	**12000**	**400**	**ug/kg**	**95**
Hexachlorobenzene	ND	400	ug/kg	120
Hexachlorobutadiene	ND	400	ug/kg	120
Hexachlorocyclopentadiene	ND 2000 U J	2000	ug/kg	90
Hexachloroethane	ND	2000	ug/kg	88
Indeno(1,2,3-cd)pyrene	**1600**	**400**	**ug/kg**	**70**
Isophorone	ND	2000	ug/kg	110
2-Methylnaphthalene	**25000**	**400**	**ug/kg**	**110**
2-Methylphenol	ND	2000	ug/kg	120
4-Methylphenol	ND	2000	ug/kg	120
Naphthalene	**20000 J**	**400**	**ug/kg**	**95**
2-Nitroaniline	ND	10000	ug/kg	120
3-Nitroaniline	ND	10000	ug/kg	170
4-Nitroaniline	ND	10000	ug/kg	83
Nitrobenzene	ND	400	ug/kg	49
2-Nitrophenol	ND	2000	ug/kg	160
4-Nitrophenol	ND	10000	ug/kg	150
N-Nitrosodi-n-propylamine	ND	400	ug/kg	48
N-Nitrosodiphenylamine	ND	400	ug/kg	110
2,2'-oxybis(1-Chloropropane)	ND	400	ug/kg	120
Pentachlorophenol	ND	2000	ug/kg	150
Phenanthrene	**37000**	**400**	**ug/kg**	**94**
Phenol	ND	400	ug/kg	120
Pyrene	**16000 J**	**400**	**ug/kg**	**120**
2,4,5-Trichlorophenol	ND	2000	ug/kg	160
2,4,6-Trichlorophenol	ND	2000	ug/kg	160

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ENSR International

Client Sample ID: SB34(32.5-35)

GC/MS Semivolatiles

Lot-Sample #...: C8J290111-001 Work Order #...: K1TDF1AD Matrix.....: SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	77	(50 - 124)
2-Fluorobiphenyl	86	(49 - 105)
2-Fluorophenol	79	(39 - 103)
Nitrobenzene-d5	73	(25 - 104)
Phenol-d5	85	(25 - 105)
Terphenyl-d14	83	(25 - 127)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

ENSR International

Client Sample ID: SB34(32.5-35)

TOTAL Metals

Lot-Sample #...: C8J290111-001 Matrix.....: SO
Date Sampled...: 10/21/08 Date Received..: 10/28/08
% Moisture.....: 16

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8306097						
Silver	ND	0.59	mg/kg	SW846 6010B	11/01-11/06/08	K1TDF1AE
		Dilution Factor: 1		Analysis Time..: 17:51	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 0.078	
Aluminum	**4420**	**23.7**	**mg/kg**	**SW846 6010B**	**11/01-11/06/08**	**K1TDF1AF**
		Dilution Factor: 1		Analysis Time..: 17:51	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 2.8	
Arsenic	**1.4**	**1.2**	**mg/kg**	**SW846 6010B**	**11/01-11/06/08**	**K1TDF1AG**
		Dilution Factor: 1		Analysis Time..: 17:51	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 0.34	
Barium	**21.1 B J**	**23.7**	**mg/kg**	**SW846 6010B**	**11/01-11/06/08**	**K1TDF1AH**
		Dilution Factor: 1		Analysis Time..: 17:51	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 0.094	
Beryllium	~~0.45 B,J~~ 0.47 U	**0.47**	**mg/kg**	**SW846 6010B**	**11/01-11/06/08**	**K1TDF1AJ**
		Dilution Factor: 1		Analysis Time..: 17:51	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 0.018	
Calcium	**6940 J**	**593**	**mg/kg**	**SW846 6010B**	**11/01-11/06/08**	**K1TDF1AK**
		Dilution Factor: 1		Analysis Time..: 17:51	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 2.0	
Cadmium	**0.25 B J**	**0.59**	**mg/kg**	**SW846 6010B**	**11/01-11/06/08**	**K1TDF1AL**
		Dilution Factor: 1		Analysis Time..: 17:51	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 0.025	
Cobalt	**4.6 B J**	**5.9**	**mg/kg**	**SW846 6010B**	**11/01-11/06/08**	**K1TDF1AM**
		Dilution Factor: 1		Analysis Time..: 17:51	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 0.096	
Chromium	**7.1**	**0.59**	**mg/kg**	**SW846 6010B**	**11/01-11/06/08**	**K1TDF1AN**
		Dilution Factor: 1		Analysis Time..: 17:51	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 0.066	

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ENSR International

Client Sample ID: SB34(32.5-35)

TOTAL Metals

Lot-Sample #...: C8J290111-001 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Copper	7.3	3.0	mg/kg	SW846 6010B	11/01-11/06/08	K1TDF1AP
		Dilution Factor: 1		Analysis Time..: 17:51	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 0.31	
Iron	10900 J	11.9	mg/kg	SW846 6010B	11/01-11/06/08	K1TDF1AQ
		Dilution Factor: 1		Analysis Time..: 17:51	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 1.5	
Potassium	637	593	mg/kg	SW846 6010B	11/01-11/06/08	K1TDF1AR
		Dilution Factor: 1		Analysis Time..: 17:51	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 88.9	
Magnesium	3880	593	mg/kg	SW846 6010B	11/01-11/06/08	K1TDF1AT
		Dilution Factor: 1		Analysis Time..: 17:51	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 2.5	
Manganese	127	1.8	mg/kg	SW846 6010B	11/01-11/06/08	K1TDF1AU
		Dilution Factor: 1		Analysis Time..: 17:51	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 0.072	
Sodium	130 J	593	mg/kg	SW846 6010B	11/01-11/06/08	K1TDF1AV
		Dilution Factor: 1		Analysis Time..: 17:51	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 17.2	
Nickel	10.1	4.7	mg/kg	SW846 6010B	11/01-11/06/08	K1TDF1AW
		Dilution Factor: 1		Analysis Time..: 17:51	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 0.17	
Lead	4.1	0.36	mg/kg	SW846 6010B	11/01-11/06/08	K1TDF1AX
		Dilution Factor: 1		Analysis Time..: 17:51	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 0.19	
Selenium	~~0.21 B~~ 0.59 U	0.59	mg/kg	SW846 6010B	11/01-11/06/08	K1TDF1A0
		Dilution Factor: 1		Analysis Time..: 17:51	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 0.21	
Thallium	ND	1.2	mg/kg	SW846 6010B	11/01-11/06/08	K1TDF1A1
		Dilution Factor: 1		Analysis Time..: 17:51	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 0.37	

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ENSR International

Client Sample ID: SB34(32.5-35)

TOTAL Metals

Lot-Sample #...: C8J290111-001 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	ND	1.2	mg/kg	SW846 6010B	11/01-11/06/08	K1TDF1A2
		Dilution Factor: 1		Analysis Time..: 17:51	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 0.25	
Vanadium	**12.8**	**5.9**	**mg/kg**	**SW846 6010B**	**11/01-11/06/08**	**K1TDF1A3**
		Dilution Factor: 1		Analysis Time..: 17:51	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 0.29	
Zinc	**33.1 J**	**2.4**	**mg/kg**	**SW846 6010B**	**11/01-11/06/08**	**K1TDF1A4**
		Dilution Factor: 1		Analysis Time..: 17:51	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 0.22	
Prep Batch #...: 8315024						
Mercury	**0.013 B J**	**0.039**	**mg/kg**	**SW846 7471A**	**11/10/08**	**K1TDF1A5**
		Dilution Factor: 1		Analysis Time..: 09:53	Analyst ID.....: 031043	
		Instrument ID..: HGHYDRA		MS Run #.....: 8315018	MDL.....: 0.0030	

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.

ENSR International

Client Sample ID: SB34(42.5-45)

GC/MS Volatiles

Lot-Sample #...: C8J290111-002	**Work Order #...:** K1TDG1AK	**Matrix.....:** SO
Date Sampled...: 10/21/08	**Date Received..:** 10/28/08	**MS Run #.....:** 8304314
Prep Date.....: 10/31/08	**Analysis Date..:** 10/31/08	
Prep Batch #...: 8304532	**Analysis Time..:** 11:55	
Dilution Factor: 1	**Initial Wgt/Vol:** 5 g	**Final Wgt/Vol..:** 5 mL
% Moisture.....: 15	**Analyst ID.....:** 010099	**Instrument ID..:** HP3
	Method.....: SW846 8260B	

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	23	ug/kg	5.9
Benzene	ND	5.9	ug/kg	0.79
Bromodichloromethane	ND	5.9	ug/kg	0.66
Bromoform	ND	5.9	ug/kg	0.52
Bromomethane	ND	5.9	ug/kg	0.87
2-Butanone	ND	5.9	ug/kg	1.0
Carbon disulfide	ND	5.9	ug/kg	0.60
Carbon tetrachloride	ND	5.9	ug/kg	0.52
Chlorobenzene	ND	5.9	ug/kg	0.89
Chloroethane	ND	5.9	ug/kg	1.8
Chloroform	ND	5.9	ug/kg	0.69
Chloromethane	ND	5.9	ug/kg	1.0
Cyclohexane	ND	5.9	ug/kg	0.44
Dibromochloromethane	ND	5.9	ug/kg	0.83
1,2-Dibromo-3-chloro-propane	ND	5.9	ug/kg	0.88
1,2-Dibromoethane	ND	5.9	ug/kg	1.0
1,3-Dichlorobenzene	ND	5.9	ug/kg	0.77
1,4-Dichlorobenzene	ND	5.9	ug/kg	0.75
1,2-Dichlorobenzene	ND	5.9	ug/kg	0.94
Dichlorodifluoromethane	ND	5.9	ug/kg	0.78
1,1-Dichloroethane	ND	5.9	ug/kg	0.68
1,2-Dichloroethane	ND	5.9	ug/kg	0.72
1,1-Dichloroethene	ND	5.9	ug/kg	1.0
cis-1,2-Dichloroethene	ND	5.9	ug/kg	0.83
trans-1,2-Dichloroethene	ND	5.9	ug/kg	0.70
1,2-Dichloropropane	ND	5.9	ug/kg	0.64
cis-1,3-Dichloropropene	ND	5.9	ug/kg	0.80
trans-1,3-Dichloropropene	ND	5.9	ug/kg	0.70
Ethylbenzene	ND	5.9	ug/kg	0.75
2-Hexanone	ND	5.9	ug/kg	0.81
Isopropylbenzene	ND	5.9	ug/kg	0.80
Methyl acetate	ND	5.9	ug/kg	1.1
Methylene chloride	~~1.5 J,B~~ 5.9 U	**5.9**	**ug/kg**	**0.79**
Methylcyclohexane	ND	5.9	ug/kg	0.85
4-Methyl-2-pentanone	ND	5.9	ug/kg	0.77
Methyl tert-butyl ether	ND	5.9	ug/kg	0.88

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ENSR International

Client Sample ID: SB34(42.5-45)

GC/MS Volatiles

Lot-Sample #...: C8J290111-002 **Work Order #...:** K1TDG1AK **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Styrene	ND	5.9	ug/kg	0.83
1,1,2,2-Tetrachloroethane	ND	5.9	ug/kg	0.84
1,2,4-Trichloro-benzene	ND 5.9 U J	5.9	ug/kg	1.0
Tetrachloroethene	ND	5.9	ug/kg	0.80
1,1,1-Trichloroethane	ND	5.9	ug/kg	0.57
1,1,2-Trichloroethane	ND	5.9	ug/kg	0.98
Trichloroethene	ND	5.9	ug/kg	0.77
Trichlorofluoromethane	ND	5.9	ug/kg	1.1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	5.9	ug/kg	1.3
Vinyl chloride	ND	5.9	ug/kg	0.55
Xylenes (total)	ND	18	ug/kg	2.6
Toluene	ND	5.9	ug/kg	0.86

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	99	(52 - 124)
Toluene-d8	102	(72 - 127)
4-Bromofluorobenzene	93	(63 - 120)
Dibromofluoromethane	97	(68 - 121)

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.

ENSR International

Client Sample ID: SB34(42.5-45)

GC/MS Semivolatiles

Lot-Sample #...:	C8J290111-002	Work Order #...:	K1TDG1AL	Matrix.....:	SO
Date Sampled...:	10/21/08 13:30	Date Received..:	10/28/08 10:00	MS Run #.....:	8309012
Prep Date.....:	11/04/08	Analysis Date..:	11/06/08		
Prep Batch #...:	8309020	Analysis Time..:	11:42		
Dilution Factor:	0.99	Initial Wgt/Vol:	15.2 g	Final Wgt/Vol..:	5 mL
% Moisture.....:	15	Analyst ID.....:	007062	Instrument ID..:	722
		Method.....:	SW846 8270C		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	**27 J**	**78**	**ug/kg**	**20**
Acenaphthylene	**91**	**78**	**ug/kg**	**22**
Acetophenone	ND	380	ug/kg	23
Anthracene	**23 J**	**78**	**ug/kg**	**22**
Atrazine	ND 380 UJ	380	ug/kg	27
Benzo(a)anthracene	ND	78	ug/kg	15
Benzo(a)pyrene	ND	78	ug/kg	12
Benzo(b)fluoranthene	ND	78	ug/kg	15
Benzo(ghi)perylene	ND	78	ug/kg	13
Benzo(k)fluoranthene	ND	78	ug/kg	12
Benzaldehyde	ND 380 UJ	380	ug/kg	41
1,1'-Biphenyl	**55 J**	**380**	**ug/kg**	**21**
bis(2-Chloroethoxy) methane	ND	380	ug/kg	18
bis(2-Chloroethyl)-ether	ND	78	ug/kg	8.7
bis(2-Ethylhexyl) phthalate	ND	380	ug/kg	30
4-Bromophenyl phenyl ether	ND	380	ug/kg	17
Butyl benzyl phthalate	ND	380	ug/kg	31
Caprolactam	ND	2000	ug/kg	73
Carbazole	ND	78	ug/kg	16
4-Chloroaniline	ND	380	ug/kg	33
4-Chloro-3-methylphenol	ND	380	ug/kg	23
2-Chloronaphthalene	ND	78	ug/kg	22
2-Chlorophenol	ND	380	ug/kg	19
4-Chlorophenyl phenyl ether	ND	380	ug/kg	19
Chrysene	ND	78	ug/kg	15
Dibenz(a,h)anthracene	ND	78	ug/kg	24
Dibenzofuran	ND	380	ug/kg	21
3,3'-Dichlorobenzidine	ND 380 UJ	380	ug/kg	87
2,4-Dichlorophenol	ND	78	ug/kg	11
Diethyl phthalate	ND	380	ug/kg	34
2,4-Dimethylphenol	ND	380	ug/kg	17
Dimethyl phthalate	ND	380	ug/kg	22

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ENSR International

Client Sample ID: SB34(42.5-45)

GC/MS Semivolatiles

Lot-Sample #...: C8J290111-002 Work Order #...: K1TDG1AL Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-butyl phthalate	ND	380	ug/kg	64
4,6-Dinitro-2-methylphenol	ND 2000 UJ	2000	ug/kg	270
2,4-Dinitrophenol	ND 2000 UJ	2000	ug/kg	460
2,4-Dinitrotoluene	ND	380	ug/kg	20
2,6-Dinitrotoluene	ND	380	ug/kg	25
Di-n-octyl phthalate	ND	380	ug/kg	27
Fluoranthene	ND	78	ug/kg	25
Fluorene	ND	78	ug/kg	19
Hexachlorobenzene	ND	78	ug/kg	23
Hexachlorobutadiene	ND	78	ug/kg	24
Hexachlorocyclopentadiene	ND 380 UJ	380	ug/kg	18
Hexachloroethane	ND	380	ug/kg	17
Indeno(1,2,3-cd)pyrene	ND	78	ug/kg	14
Isophorone	ND	380	ug/kg	21
2-Methylnaphthalene	**40 J**	**78**	**ug/kg**	**21**
2-Methylphenol	ND	380	ug/kg	24
4-Methylphenol	ND	380	ug/kg	24
Naphthalene	**250**	**78**	**ug/kg**	**19**
2-Nitroaniline	ND	2000	ug/kg	23
3-Nitroaniline	ND	2000	ug/kg	33
4-Nitroaniline	ND	2000	ug/kg	16
Nitrobenzene	ND	78	ug/kg	9.6
2-Nitrophenol	ND	380	ug/kg	31
4-Nitrophenol	ND	2000	ug/kg	30
N-Nitrosodi-n-propylamine	ND	78	ug/kg	9.4
N-Nitrosodiphenylamine	ND	78	ug/kg	21
2,2'-oxybis(1-Chloropropane)	ND	78	ug/kg	23
Pentachlorophenol	ND	380	ug/kg	29
Phenanthrene	**140**	**78**	**ug/kg**	**18**
Phenol	**99**	**78**	**ug/kg**	**23**
Pyrene	ND	78	ug/kg	24
2,4,5-Trichlorophenol	ND	380	ug/kg	32
2,4,6-Trichlorophenol	ND	380	ug/kg	31

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ENSR International

Client Sample ID: SB34(42.5-45)

GC/MS Semivolatiles

Lot-Sample #...: C8J290111-002 Work Order #...: K1TDG1AL Matrix.....: SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	74	(50 - 124)
2-Fluorobiphenyl	76	(49 - 105)
2-Fluorophenol	84	(39 - 103)
Nitrobenzene-d5	76	(25 - 104)
Phenol-d5	83	(25 - 105)
Terphenyl-d14	79	(25 - 127)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

KNSR International

Client Sample ID: SB34(42.5-45)

TOTAL Metals

Lot-Sample #...: C8J290111-002 Matrix.....: SO
Date Sampled...: 10/21/08 Date Received..: 10/28/08
% Moisture.....: 15

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8306097						
Silver	ND	0.59	mg/kg	SW846 6010B	11/01-11/06/08	K1TDG1AM
		Dilution Factor: 1		Analysis Time..: 17:57	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 0.078	
Aluminum	3520	23.5	mg/kg	SW846 6010B	11/01-11/06/08	K1TDG1AN
		Dilution Factor: 1		Analysis Time..: 17:57	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 2.8	
Arsenic	1.5	1.2	mg/kg	SW846 6010B	11/01-11/06/08	K1TDG1AP
		Dilution Factor: 1		Analysis Time..: 17:57	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 0.34	
Barium	21.1 B J	23.5	mg/kg	SW846 6010B	11/01-11/06/08	K1TDG1AQ
		Dilution Factor: 1		Analysis Time..: 17:57	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 0.093	
Beryllium	~~0.38 B,J~~ 0.47U	0.47	mg/kg	SW846 6010B	11/01-11/06/08	K1TDG1AR
		Dilution Factor: 1		Analysis Time..: 17:57	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 0.018	
Calcium	28700 J	587	mg/kg	SW846 6010B	11/01-11/06/08	K1TDG1AT
		Dilution Factor: 1		Analysis Time..: 17:57	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 2.0	
Cadmium	0.24 B J	0.59	mg/kg	SW846 6010B	11/01-11/06/08	K1TDG1AU
		Dilution Factor: 1		Analysis Time..: 17:57	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 0.025	
Cobalt	4.0 B J	5.9	mg/kg	SW846 6010B	11/01-11/06/08	K1TDG1AV
		Dilution Factor: 1		Analysis Time..: 17:57	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 0.095	
Chromium	6.3	0.59	mg/kg	SW846 6010B	11/01-11/06/08	K1TDG1AW
		Dilution Factor: 1		Analysis Time..: 17:57	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 0.066	

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ENSR International

Client Sample ID: SB34(42.5-45)

TOTAL Metals

Lot-Sample #...: C8J290111-002 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Copper	9.8	2.9	mg/kg	SW846 6010B	11/01-11/06/08	K1TDG1AX
		Dilution Factor: 1		Analysis Time..: 17:57	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 0.31	
Iron	9960 J	11.7	mg/kg	SW846 6010B	11/01-11/06/08	K1TDG1A0
		Dilution Factor: 1		Analysis Time..: 17:57	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 1.5	
Potassium	640	587	mg/kg	SW846 6010B	11/01-11/06/08	K1TDG1A1
		Dilution Factor: 1		Analysis Time..: 17:57	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 88.1	
Magnesium	6660	587	mg/kg	SW846 6010B	11/01-11/06/08	K1TDG1A2
		Dilution Factor: 1		Analysis Time..: 17:57	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 2.5	
Manganese	226	1.8	mg/kg	SW846 6010B	11/01-11/06/08	K1TDG1A3
		Dilution Factor: 1		Analysis Time..: 17:57	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 0.072	
Sodium	94.6 B J	587	mg/kg	SW846 6010B	11/01-11/06/08	K1TDG1A4
		Dilution Factor: 1		Analysis Time..: 17:57	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 17.0	
Nickel	8.9	4.7	mg/kg	SW846 6010B	11/01-11/06/08	K1TDG1A5
		Dilution Factor: 1		Analysis Time..: 17:57	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 0.17	
Lead	3.6	0.35	mg/kg	SW846 6010B	11/01-11/06/08	K1TDG1A6
		Dilution Factor: 1		Analysis Time..: 17:57	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 0.18	
Selenium	ND	0.59	mg/kg	SW846 6010B	11/01-11/06/08	K1TDG1AA
		Dilution Factor: 1		Analysis Time..: 17:57	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 0.20	
Thallium	ND	1.2	mg/kg	SW846 6010B	11/01-11/06/08	K1TDG1AC
		Dilution Factor: 1		Analysis Time..: 17:57	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 0.36	

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ENSR International

Client Sample ID: SB34(42.5-45)

TOTAL Metals

Lot-Sample #...: C8J290111-002 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	ND	1.2	mg/kg	SW846 6010B	11/01-11/06/08	K1TDG1AD
		Dilution Factor: 1		Analysis Time..: 17:57	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 0.25	
Vanadium	**12.7**	**5.9**	**mg/kg**	**SW846 6010B**	**11/01-11/06/08**	**K1TDG1AR**
		Dilution Factor: 1		Analysis Time..: 17:57	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 0.28	
Zinc	**27.4 J**	**2.3**	**mg/kg**	**SW846 6010B**	**11/01-11/06/08**	**K1TDG1AF**
		Dilution Factor: 1		Analysis Time..: 17:57	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 0.22	
Prep Batch #...: 8315024						
Mercury	**0.0086 B J**	**0.039**	**mg/kg**	**SW846 7471A**	**11/10/08**	**K1TDG1AG**
		Dilution Factor: 1		Analysis Time..: 09:55	Analyst ID.....: 031043	
		Instrument ID..: HGHYDRA		MS Run #.....: 8315018	MDL.....: 0.0029	

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.

ENSR International

Client Sample ID: SB36(10-12)

GC/MS Volatiles

Lot-Sample #...:	C8J110134-003	**Work Order #...:**	K0NCR1AK	**Matrix.....:**	SO
Date Sampled...:	10/09/08	**Date Received..:**	10/11/08	**MS Run #.....:**	8290313
Prep Date.....:	10/16/08	**Analysis Date..:**	10/16/08		
Prep Batch #...:	8290435	**Analysis Time..:**	11:52		
Dilution Factor:	1	**Initial Wgt/Vol:**	5 g	**Final Wgt/Vol..:**	5 mL
% Moisture.....:	20	**Analyst ID.....:**	034635	**Instrument ID..:**	HP4
		Method.....:	SW846 8260B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND 1300 U5	1300	ug/kg	310
Benzene	ND	310	ug/kg	62
Bromodichloromethane	ND	310	ug/kg	58
Bromoform	ND	310	ug/kg	67
Bromomethane	ND	310	ug/kg	99
2-Butanone	ND 310 U5	310	ug/kg	68
Carbon disulfide	ND	310	ug/kg	67
Carbon tetrachloride	ND	310	ug/kg	68
Chlorobenzene	ND	310	ug/kg	33
Chloroethane	ND	310	ug/kg	47
Chloroform	ND	310	ug/kg	63
Chloromethane	ND	310	ug/kg	87
Cyclohexane	ND	310	ug/kg	37
Dibromochloromethane	ND	310	ug/kg	41
1,2-Dibromo-3-chloro-propane	ND	310	ug/kg	22
1,2-Dibromoethane	ND	310	ug/kg	38
1,3-Dichlorobenzene	ND	310	ug/kg	32
1,4-Dichlorobenzene	ND	310	ug/kg	33
1,2-Dichlorobenzene	ND	310	ug/kg	43
Dichlorodifluoromethane	ND	310	ug/kg	40
1,1-Dichloroethane	ND	310	ug/kg	63
1,2-Dichloroethane	ND	310	ug/kg	60
1,1-Dichloroethene	ND	310	ug/kg	67
cis-1,2-Dichloroethene	ND	310	ug/kg	42
trans-1,2-Dichloroethene	ND	310	ug/kg	47
1,2-Dichloropropane	ND	310	ug/kg	80
cis-1,3-Dichloropropene	ND	310	ug/kg	46
trans-1,3-Dichloropropene	ND	310	ug/kg	36
Ethylbenzene	**1100**	**310**	**ug/kg**	**39**
2-Hexanone	ND	310	ug/kg	36
Isopropylbenzene	**780**	**310**	**ug/kg**	**33**
Methyl acetate	ND 310 U5	310	ug/kg	77
Methylene chloride	ND	310	ug/kg	68
Methylcyclohexane	ND	310	ug/kg	35
4-Methyl-2-pentanone	ND	310	ug/kg	37
Methyl tert-butyl ether	ND	310	ug/kg	64

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ENSR International

Client Sample ID: SB36(10-12)

GC/MS Volatiles

Lot-Sample #...: C8J110134-003 **Work Order #...:** K0NCR1AK **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Styrene	ND	310	ug/kg	40
1,1,2,2-Tetrachloroethane	ND	310	ug/kg	58
1,2,4-Trichloro-benzene	ND	310	ug/kg	24
Tetrachloroethene	ND	310	ug/kg	52
1,1,1-Trichloroethane	ND	310	ug/kg	65
1,1,2-Trichloroethane	ND	310	ug/kg	73
Trichloroethene	ND	310	ug/kg	50
Trichlorofluoromethane	ND	310	ug/kg	70
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	310	ug/kg	21
Vinyl chloride	ND	310	ug/kg	81
Xylenes (total)	**2800**	**940**	**ug/kg**	**120**
Toluene	ND	310	ug/kg	53

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	89	(52 - 124)
Toluene-d8	94	(72 - 127)
4-Bromofluorobenzene	92	(63 - 120)
Dibromofluoromethane	95	(68 - 121)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

ENSR International

Client Sample ID: SB36(10-12)

GC/MS Semivolatiles

Lot-Sample #...:	C8J110134-003	**Work Order #...:**	KONCR1AL	**Matrix.....:**	SO
Date Sampled...:	10/09/08	**Date Received..:**	10/11/08	**MS Run #.....:**	8290004
Prep Date.....:	10/16/08	**Analysis Date..:**	10/17/08		
Prep Batch #...:	8290013	**Analysis Time..:**	16:27		
Dilution Factor:	20	**Initial Wgt/Vol:**	15 g	**Final Wgt/Vol..:**	5 mL
% Moisture.....:	20	**Analyst ID.....:**	007062	**Instrument ID..:**	722
		Method.....:	SW846 8270C		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	**46000**	**1700**	**ug/kg**	**430**
Acenaphthylene	**9300**	**1700**	**ug/kg**	**480**
Acetophenone	ND	8300	ug/kg	500
Anthracene	**26000**	**1700**	**ug/kg**	**470**
Atrazine	ND 8300 UJ	8300	ug/kg	570
Benzo(a)anthracene	**16000**	**1700**	**ug/kg**	**330**
Benzo(a)pyrene	**11000**	**1700**	**ug/kg**	**260**
Benzo(b)fluoranthene	**9400**	**1700**	**ug/kg**	**320**
Benzo(ghi)perylene	**5300**	**1700**	**ug/kg**	**280**
Benzo(k)fluoranthene	ND	1700	ug/kg	270
Benzaldehyde	ND	8300	ug/kg	880
1,1'-Biphenyl	**10000**	**8300**	**ug/kg**	**460**
bis(2-Chloroethoxy) methane	ND	8300	ug/kg	390
bis(2-Chloroethyl)-ether	ND	1700	ug/kg	190
bis(2-Ethylhexyl) phthalate	**2800 J**	**8300**	**ug/kg**	**640**
4-Bromophenyl phenyl ether	ND	8300	ug/kg	370
Butyl benzyl phthalate	ND	8300	ug/kg	670
Caprolactam	ND	43000	ug/kg	1600
Carbazole	ND	1700	ug/kg	340
4-Chloroaniline	ND	8300	ug/kg	720
4-Chloro-3-methylphenol	ND	8300	ug/kg	510
2-Chloronaphthalene	ND	1700	ug/kg	480
2-Chlorophenol	ND	8300	ug/kg	420
4-Chlorophenyl phenyl ether	ND	8300	ug/kg	410
Chrysene	**13000**	**1700**	**ug/kg**	**330**
Dibenz(a,h)anthracene	**1500 J**	**1700**	**ug/kg**	**530**
Dibenzofuran	**2900 J**	**8300**	**ug/kg**	**460**
3,3'-Dichlorobenzidine	ND	8300	ug/kg	1900
2,4-Dichlorophenol	ND	1700	ug/kg	250
Diethyl phthalate	ND	8300	ug/kg	740
2,4-Dimethylphenol	ND	8300	ug/kg	360
Dimethyl phthalate	ND	8300	ug/kg	470

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ENSR International

Client Sample ID: SB36(10-12)

GC/MS Semivolatiles

Lot-Sample #...: C8J110134-003 Work Order #...: K0NCR1AL Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-butyl phthalate	ND	8300	ug/kg	1400
4,6-Dinitro-2-methylphenol	ND	43000	ug/kg	5900
2,4-Dinitrophenol	ND	43000	ug/kg	9800
2,4-Dinitrotoluene	ND	8300	ug/kg	430
2,6-Dinitrotoluene	ND	8300	ug/kg	530
Di-n-octyl phthalate	**980 J**	**8300**	**ug/kg**	**580**
Fluoranthene	**25000**	**1700**	**ug/kg**	**540**
Fluorene	**28000**	**1700**	**ug/kg**	**400**
Hexachlorobenzene	ND	1700	ug/kg	500
Hexachlorobutadiene	ND	1700	ug/kg	510
Hexachlorocyclopentadiene	ND 8300 UJ	8300	ug/kg	380
Hexachloroethane	ND	8300	ug/kg	370
Indeno(1,2,3-cd)pyrene	**4200**	**1700**	**ug/kg**	**290**
Isophorone	ND	8300	ug/kg	460
2-Methylnaphthalene	**63000**	**1700**	**ug/kg**	**460**
2-Methylphenol	ND	8300	ug/kg	520
4-Methylphenol	ND	8300	ug/kg	520
Naphthalene	**170000**	**1700**	**ug/kg**	**400**
2-Nitroaniline	ND	43000	ug/kg	500
3-Nitroaniline	ND	43000	ug/kg	710
4-Nitroaniline	ND	43000	ug/kg	350
Nitrobenzene	ND	1700	ug/kg	210
2-Nitrophenol	ND	8300	ug/kg	660
4-Nitrophenol	ND	43000	ug/kg	650
N-Nitrosodi-n-propylamine	ND	1700	ug/kg	200
N-Nitrosodiphenylamine	ND	1700	ug/kg	450
2,2'-oxybis (1-Chloropropane)	ND	1700	ug/kg	500
Pentachlorophenol	ND	8300	ug/kg	620
Phenanthrene	**88000**	**1700**	**ug/kg**	**400**
Phenol	ND	1700	ug/kg	500
Pyrene	**36000**	**1700**	**ug/kg**	**510**
2,4,5-Trichlorophenol	ND	8300	ug/kg	690
2,4,6-Trichlorophenol	ND	8300	ug/kg	670

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ENSR International

Client Sample ID: SB36(10-12)

GC/MS Semivolatiles

Lot-Sample #...: C8J110134-003 Work Order #...: K0NCR1AL Matrix.....: SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	NC,DIL	(50 - 124)
2-Fluorobiphenyl	NC,DIL	(49 - 105)
2-Fluorophenol	NC,DIL	(39 - 103)
Nitrobenzene-d5	NC,DIL	(25 - 104)
Phenol-d5	NC,DIL	(25 - 105)
Terphenyl-d14	NC,DIL	(25 - 127)

NOTE(S):

NC The recovery and/or RPD were not calculated.

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.

ENSR International

Client Sample ID: SB36(10-12)

TOTAL Metals

Lot-Sample #...: C8J110134-003 Matrix.....: SO
Date Sampled...: 10/09/08 Date Received..: 10/11/08
% Moisture.....: 20

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8290475						
Silver	ND	0.63	mg/kg	SW846 6010B	10/16-10/17/08	K0NCR1AM
		Dilution Factor: 1		Analysis Time..: 09:34	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8290342	MDL.....: 0.083	
Aluminum	**4720**	**25.1**	**mg/kg**	**SW846 6010B**	**10/16-10/17/08**	**K0NCR1AN**
		Dilution Factor: 1		Analysis Time..: 09:34	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8290342	MDL.....: 3.0	
Arsenic	**3.7**	**1.3**	**mg/kg**	**SW846 6010B**	**10/16-10/17/08**	**K0NCR1AP**
		Dilution Factor: 1		Analysis Time..: 09:34	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8290342	MDL.....: 0.36	
Barium	**27.9**	**25.1**	**mg/kg**	**SW846 6010B**	**10/16-10/17/08**	**K0NCR1AQ**
		Dilution Factor: 1		Analysis Time..: 09:34	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8290342	MDL.....: 0.099	
Beryllium	~~0.39 B~~ 0.50 U	**0.50**	**mg/kg**	**SW846 6010B**	**10/16-10/17/08**	**K0NCR1AR**
		Dilution Factor: 1		Analysis Time..: 09:34	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8290342	MDL.....: 0.019	
Calcium	**1500 J**	**627**	**mg/kg**	**SW846 6010B**	**10/16-10/17/08**	**K0NCR1AT**
		Dilution Factor: 1		Analysis Time..: 09:34	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8290342	MDL.....: 2.1	
Cadmium	ND	0.63	mg/kg	SW846 6010B	10/16-10/17/08	K0NCR1AU
		Dilution Factor: 1		Analysis Time..: 09:34	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8290342	MDL.....: 0.026	
Cobalt	**4.5 B J**	**6.3**	**mg/kg**	**SW846 6010B**	**10/16-10/17/08**	**K0NCR1AV**
		Dilution Factor: 1		Analysis Time..: 09:34	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8290342	MDL.....: 0.10	
Chromium	**6.6**	**0.63**	**mg/kg**	**SW846 6010B**	**10/16-10/17/08**	**K0NCR1AW**
		Dilution Factor: 1		Analysis Time..: 09:34	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8290342	MDL.....: 0.070	

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ENSR International

Client Sample ID: SB36(10-12)

TOTAL Metals

Lot-Sample #...: C8J110134-003 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Copper	9.3	3.1	mg/kg	SW846 6010B	10/16-10/17/08	K0NCR1AX
		Dilution Factor: 1		Analysis Time..: 09:34	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8290342	MDL.....: 0.33	
Iron	12100 J	12.5	mg/kg	SW846 6010B	10/16-10/17/08	K0NCR1A0
		Dilution Factor: 1		Analysis Time..: 09:34	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8290342	MDL.....: 1.6	
Potassium	802	627	mg/kg	SW846 6010B	10/16-10/17/08	K0NCR1A1
		Dilution Factor: 1		Analysis Time..: 09:34	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8290342	MDL.....: 94.0	
Magnesium	1800	627	mg/kg	SW846 6010B	10/16-10/17/08	K0NCR1A2
		Dilution Factor: 1		Analysis Time..: 09:34	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8290342	MDL.....: 2.6	
Manganese	76.0	1.9	mg/kg	SW846 6010B	10/16-10/17/08	K0NCR1A3
		Dilution Factor: 1		Analysis Time..: 09:34	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8290342	MDL.....: 0.076	
Sodium	56.9 B J	627	mg/kg	SW846 6010B	10/16-10/17/08	K0NCR1A4
		Dilution Factor: 1		Analysis Time..: 09:34	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8290342	MDL.....: 18.2	
Nickel	9.0	5.0	mg/kg	SW846 6010B	10/16-10/17/08	K0NCR1A5
		Dilution Factor: 1		Analysis Time..: 09:34	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8290342	MDL.....: 0.18	
Lead	4.3	0.38	mg/kg	SW846 6010B	10/16-10/17/08	K0NCR1A6
		Dilution Factor: 1		Analysis Time..: 09:34	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8290342	MDL.....: 0.20	
Selenium	0.23 B J	0.63	mg/kg	SW846 6010B	10/16-10/17/08	K0NCR1AA
		Dilution Factor: 1		Analysis Time..: 09:34	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8290342	MDL.....: 0.22	
Thallium	ND	1.3	mg/kg	SW846 6010B	10/16-10/17/08	K0NCR1AC
		Dilution Factor: 1		Analysis Time..: 09:34	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8290342	MDL.....: 0.39	

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ENSR International

Client Sample ID: SB36(10-12)

TOTAL Metals

Lot-Sample #...: C8J110134-003 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	ND	1.3	mg/kg	SW846 6010B	10/16-10/17/08	K0NCR1AD
		Dilution Factor: 1		Analysis Time..: 09:34	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8290342	MDL.....: 0.26	
Vanadium	**14.4**	**6.3**	**mg/kg**	**SW846 6010B**	**10/16-10/17/08**	**K0NCR1AE**
		Dilution Factor: 1		Analysis Time..: 09:34	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8290342	MDL.....: 0.30	
Zinc	**28.0 J**	**2.5**	**mg/kg**	**SW846 6010B**	**10/16-10/17/08**	**K0NCR1AF**
		Dilution Factor: 1		Analysis Time..: 09:34	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8290342	MDL.....: 0.23	
Prep Batch #...: 8297017						
Mercury	**0.015 B J**	**0.041**	**mg/kg**	**SW846 7471A**	**10/23/08**	**K0NCR1AG**
		Dilution Factor: 1		Analysis Time..: 08:34	Analyst ID.....: 031043	
		Instrument ID..: HGHYDRA		MS Run #.....: 8297009	MDL.....: 0.0031	

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.

ENSR International

Client Sample ID: SB36(17.5-20)

GC/MS Volatiles

Lot-Sample #...: C8J160275-001	**Work Order #...:** K017P1AC	**Matrix.....:** SO
Date Sampled...: 10/13/08	**Date Received..:** 10/16/08	**MS Run #.....:** 8298231
Prep Date.....: 10/24/08	**Analysis Date..:** 10/24/08	
Prep Batch #...: 8298421	**Analysis Time..:** 12:46	
Dilution Factor: 5	**Initial Wgt/Vol:** 1 g	**Final Wgt/Vol..:** 5 mL
% Moisture.....: 17	**Analyst ID.....:** 034635	**Instrument ID..:** HP3
	Method.....: SW846 8260B	

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	120	ug/kg	30
Benzene	ND	30	ug/kg	4.0
Bromodichloromethane	ND	30	ug/kg	3.4
Bromoform	ND	30	ug/kg	2.7
Bromomethane	ND	30	ug/kg	4.4
2-Butanone	ND	30	ug/kg	5.3
Carbon disulfide	ND	30	ug/kg	3.1
Carbon tetrachloride	ND	30	ug/kg	2.7
Chlorobenzene	ND	30	ug/kg	4.5
Chloroethane	ND	30	ug/kg	9.3
Chloroform	ND	30	ug/kg	3.5
Chloromethane	ND	30	ug/kg	5.1
Cyclohexane	ND	30	ug/kg	2.2
Dibromochloromethane	ND	30	ug/kg	4.3
1,2-Dibromo-3-chloro-propane	ND	30	ug/kg	4.5
1,2-Dibromoethane	ND	30	ug/kg	5.2
1,3-Dichlorobenzene	ND	30	ug/kg	3.9
1,4-Dichlorobenzene	ND	30	ug/kg	3.8
1,2-Dichlorobenzene	ND	30	ug/kg	4.8
Dichlorodifluoromethane	ND	30	ug/kg	4.0
1,1-Dichloroethane	ND	30	ug/kg	3.4
1,2-Dichloroethane	ND	30	ug/kg	3.7
1,1-Dichloroethene	ND	30	ug/kg	5.1
cis-1,2-Dichloroethene	ND	30	ug/kg	4.2
trans-1,2-Dichloroethene	ND	30	ug/kg	3.6
1,2-Dichloropropane	ND	30	ug/kg	3.3
cis-1,3-Dichloropropene	ND	30	ug/kg	4.1
trans-1,3-Dichloropropene	ND	30	ug/kg	3.6
Ethylbenzene	**250**	**30**	**ug/kg**	**3.9**
2-Hexanone	ND	30	ug/kg	4.1
Isopropylbenzene	**96**	**30**	**ug/kg**	**4.1**
Methyl acetate	ND 30 U J	30	ug/kg	5.4
Methylene chloride	ND	30	ug/kg	4.0
Methylcyclohexane	ND	30	ug/kg	4.3
4-Methyl-2-pentanone	ND	30	ug/kg	3.9
Methyl tert-butyl ether	ND	30	ug/kg	4.5

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ENSR International

Client Sample ID: SB36(17.5-20)

GC/MS Volatiles

Lot-Sample #...: C8J160275-001 Work Order #...: K017P1AC Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Styrene	ND	30	ug/kg	3.2
1,1,2,2-Tetrachloroethane	ND	30	ug/kg	4.3
1,2,4-Trichloro-benzene	ND	30	ug/kg	5.3
Tetrachloroethene	ND	30	ug/kg	4.1
1,1,1-Trichloroethane	ND	30	ug/kg	2.9
1,1,2-Trichloroethane	ND	30	ug/kg	5.0
Trichloroethene	ND	30	ug/kg	3.9
Trichlorofluoromethane	ND	30	ug/kg	5.5
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	30	ug/kg	6.4
Vinyl chloride	ND	30	ug/kg	2.8
Xylenes (total)	**790**	**90**	**ug/kg**	**13**
Toluene	**6.7 J**	**30**	**ug/kg**	**4.4**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	85	(52 - 124)
Toluene-d8	92	(72 - 127)
4-Bromofluorobenzene	78	(63 - 120)
Dibromofluoromethane	94	(68 - 121)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

ENSR International

Client Sample ID: SB36(17.5-20)

GC/MS Semivolatiles

Lot-Sample #...:	C8J160275-001	Work Order #...:	K017P1AD	Matrix.....:	SO
Date Sampled...:	10/13/08 11:00	Date Received..:	10/16/08 09:30	MS Run #.....:	8296004
Prep Date.....:	10/22/08	Analysis Date..:	10/23/08		
Prep Batch #...:	8296013	Analysis Time..:	12:47		
Dilution Factor:	4.95	Initial Wgt/Vol:	15.2 g	Final Wgt/Vol..:	5 mL
% Moisture.....:	17	Analyst ID.....:	007062	Instrument ID..:	732
		Method.....:	SW846 8270C		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	**6200**	**400**	**ug/kg**	**100**
Acenaphthylene	**3200**	**400**	**ug/kg**	**110**
Acetophenone	ND	2000	ug/kg	120
Anthracene	**4600**	**400**	**ug/kg**	**110**
Atrazine	ND 2000 UJ	2000	ug/kg	140
Benzo(a)anthracene	**3700**	**400**	**ug/kg**	**78**
Benzo(a)pyrene	**1800**	**400**	**ug/kg**	**61**
Benzo(b)fluoranthene	**1700 J**	**400**	**ug/kg**	**76**
Benzo(ghi)perylene	**950**	**400**	**ug/kg**	**67**
Benzo(k)fluoranthene	ND	400	ug/kg	63
Benzaldehyde	ND 2000 UJ	2000	ug/kg	210
1,1'-Biphenyl	**1900 J**	**2000**	**ug/kg**	**110**
bis(2-Chloroethoxy) methane	ND	2000	ug/kg	92
bis(2-Chloroethyl)-ether	ND	400	ug/kg	44
bis(2-Ethylhexyl) phthalate	ND	2000	ug/kg	150
4-Bromophenyl phenyl ether	ND	2000	ug/kg	88
Butyl benzyl phthalate	ND	2000	ug/kg	160
Caprolactam	ND	10000	ug/kg	370
Carbazole	**400**	**400**	**ug/kg**	**81**
4-Chloroaniline	ND	2000	ug/kg	170
4-Chloro-3-methylphenol	ND	2000	ug/kg	120
2-Chloronaphthalene	ND	400	ug/kg	110
2-Chlorophenol	ND	2000	ug/kg	99
4-Chlorophenyl phenyl ether	ND	2000	ug/kg	97
Chrysene	**2600**	**400**	**ug/kg**	**78**
Dibenz(a,h)anthracene	ND	400	ug/kg	120
Dibenzofuran	**830 J**	**2000**	**ug/kg**	**110**
3,3'-Dichlorobenzidine	ND	2000	ug/kg	440
2,4-Dichlorophenol	ND	400	ug/kg	59
Diethyl phthalate	ND	2000	ug/kg	180
2,4-Dimethylphenol	**680 J**	**2000**	**ug/kg**	**85**
Dimethyl phthalate	ND	2000	ug/kg	110

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ENSR International

Client Sample ID: SB36(17.5-20)

GC/MS Semivolatiles

Lot-Sample #...: C8J160275-001 Work Order #...: K017P1AD Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-butyl phthalate	ND	2000	ug/kg	330
4,6-Dinitro-2-methylphenol	ND	10000	ug/kg	1400
2,4-Dinitrophenol	ND 10000 UJ	10000	ug/kg	2300
2,4-Dinitrotoluene	ND	2000	ug/kg	100
2,6-Dinitrotoluene	ND	2000	ug/kg	130
Di-n-octyl phthalate	ND	2000	ug/kg	140
Fluoranthene	**4800**	**400**	**ug/kg**	**130**
Fluorene	**4900**	**400**	**ug/kg**	**95**
Hexachlorobenzene	ND	400	ug/kg	120
Hexachlorobutadiene	ND	400	ug/kg	120
Hexachlorocyclopentadiene	ND 2000 UJ	2000	ug/kg	90
Hexachloroethane	ND	2000	ug/kg	88
Indeno(1,2,3-cd)pyrene	**590 J**	**400**	**ug/kg**	**70**
Isophorone	ND	2000	ug/kg	110
2-Methylnaphthalene	**28000**	**400**	**ug/kg**	**110**
2-Methylphenol	**410 J**	**2000**	**ug/kg**	**120**
4-Methylphenol	**800 J**	**2000**	**ug/kg**	**120**
Naphthalene	**51000**	**400**	**ug/kg**	**95**
2-Nitroaniline	ND	10000	ug/kg	120
3-Nitroaniline	ND	10000	ug/kg	170
4-Nitroaniline	ND	10000	ug/kg	83
Nitrobenzene	ND	400	ug/kg	49
2-Nitrophenol	ND	2000	ug/kg	160
4-Nitrophenol	ND	10000	ug/kg	150
N-Nitrosodi-n-propylamine	ND	400	ug/kg	48
N-Nitrosodiphenylamine	ND	400	ug/kg	110
2,2'-oxybis (1-Chloropropane)	ND	400	ug/kg	120
Pentachlorophenol	ND	2000	ug/kg	150
Phenanthrene	**15000**	**400**	**ug/kg**	**94**
Phenol	ND	400	ug/kg	120
Pyrene	**8900**	**400**	**ug/kg**	**120**
2,4,5-Trichlorophenol	ND	2000	ug/kg	160
2,4,6-Trichlorophenol	ND	2000	ug/kg	160

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ENSR International

Client Sample ID: SB36(17.5-20)

GC/MS Semivolatiles

Lot-Sample #...: C8J160275-001 Work Order #...: K017P1AD Matrix.....: SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	44 *	(50 - 124)
2-Fluorobiphenyl	54	(49 - 105)
2-Fluorophenol	68	(39 - 103)
Nitrobenzene-d5	62	(25 - 104)
Phenol-d5	66	(25 - 105)
Terphenyl-d14	79	(25 - 127)

NOTE(S):

* Surrogate recovery is outside stated control limits.

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

ENSR International

Client Sample ID: SB36(17.5-20)

TOTAL Metals

Lot-Sample #...: C8J160275-001 Matrix.....: SO
Date Sampled...: 10/13/08 Date Received..: 10/16/08
% Moisture.....: 17

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8296214						
Silver	ND	0.60	mg/kg	SW846 6010B	10/22-11/02/08	K017P1AE
		Dilution Factor: 1		Analysis Time..: 20:49	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8296135	MDL.....: 0.079	
Aluminum	**4190 J**	**24.0**	**mg/kg**	**SW846 6010B**	**10/22-11/02/08**	**K017P1AF**
		Dilution Factor: 1		Analysis Time..: 20:49	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8296135	MDL.....: 2.9	
Arsenic	**2.2**	**1.2**	**mg/kg**	**SW846 6010B**	**10/22-11/02/08**	**K017P1AG**
		Dilution Factor: 1		Analysis Time..: 20:49	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8296135	MDL.....: 0.35	
Barium	**24.0 J**	**24.0**	**mg/kg**	**SW846 6010B**	**10/22-11/02/08**	**K017P1AH**
		Dilution Factor: 1		Analysis Time..: 20:49	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8296135	MDL.....: 0.095	
Beryllium	**0.48 J**	**0.48**	**mg/kg**	**SW846 6010B**	**10/22-11/02/08**	**K017P1AJ**
		Dilution Factor: 1		Analysis Time..: 20:49	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8296135	MDL.....: 0.018	
Calcium	**1860 J**	**599**	**mg/kg**	**SW846 6010B**	**10/22-11/02/08**	**K017P1AK**
		Dilution Factor: 1		Analysis Time..: 20:49	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8296135	MDL.....: 2.0	
Cadmium	~~0.10 B,J~~ 0.60 U	**0.60**	**mg/kg**	**SW846 6010B**	**10/22-11/02/08**	**K017P1AL**
		Dilution Factor: 1		Analysis Time..: 20:49	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8296135	MDL.....: 0.025	
Cobalt	**4.1 B J**	**6.0**	**mg/kg**	**SW846 6010B**	**10/22-11/02/08**	**K017P1AM**
		Dilution Factor: 1		Analysis Time..: 20:49	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8296135	MDL.....: 0.097	
Copper	**10.3**	**3.0**	**mg/kg**	**SW846 6010B**	**10/22-11/02/08**	**K017P1AP**
		Dilution Factor: 1		Analysis Time..: 20:49	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8296135	MDL.....: 0.32	

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ENSR International

Client Sample ID: SB36(17.5-20)

TOTAL Metals

Lot-Sample #...: C8J160275-001 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Iron	11400 J	12.0	mg/kg	SW846 6010B	10/22-11/02/08	K017P1AQ
		Dilution Factor: 1		Analysis Time..: 20:49	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8296135	MDL.....: 1.5	
Potassium	723	599	mg/kg	SW846 6010B	10/22-11/02/08	K017P1AR
		Dilution Factor: 1		Analysis Time..: 20:49	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8296135	MDL.....: 89.9	
Magnesium	1770 J	599	mg/kg	SW846 6010B	10/22-11/02/08	K017P1AT
		Dilution Factor: 1		Analysis Time..: 20:49	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8296135	MDL.....: 2.5	
Manganese	94.3	1.8	mg/kg	SW846 6010B	10/22-11/02/08	K017P1AU
		Dilution Factor: 1		Analysis Time..: 20:49	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8296135	MDL.....: 0.073	
Sodium	81.1 B J	599	mg/kg	SW846 6010B	10/22-11/02/08	K017P1AV
		Dilution Factor: 1		Analysis Time..: 20:49	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8296135	MDL.....: 17.4	
Nickel	9.6 J	4.8	mg/kg	SW846 6010B	10/22-11/02/08	K017P1AW
		Dilution Factor: 1		Analysis Time..: 20:49	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8296135	MDL.....: 0.17	
Lead	4.3	0.36	mg/kg	SW846 6010B	10/22-11/02/08	K017P1AX
		Dilution Factor: 1		Analysis Time..: 20:49	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8296135	MDL.....: 0.19	
Selenium	ND	0.60	mg/kg	SW846 6010B	10/22-11/02/08	K017P1A0
		Dilution Factor: 1		Analysis Time..: 20:49	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8296135	MDL.....: 0.21	
Thallium	ND	1.2	mg/kg	SW846 6010B	10/22-11/02/08	K017P1A1
		Dilution Factor: 1		Analysis Time..: 20:49	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8296135	MDL.....: 0.37	
Antimony	ND UJ	1.2	mg/kg	SW846 6010B	10/22-11/02/08	K017P1A2
		Dilution Factor: 1		Analysis Time..: 20:49	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8296135	MDL.....: 0.25	

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ENSR International

Client Sample ID: SB36(17.5-20)

TOTAL Metals

Lot-Sample #...: C8J160275-001 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Vanadium	13.2	6.0	mg/kg	SW846 6010B	10/22-11/02/08	K017P1A3
		Dilution Factor: 1		Analysis Time..: 20:49	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8296135	MDL.....: 0.29	
Zinc	27.6 J,E	2.4	mg/kg	SW846 6010B	10/22-11/02/08	K017P1A4
		Dilution Factor: 1		Analysis Time..: 20:49	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8296135	MDL.....: 0.22	
Prep Batch #...: 8303021						
Mercury	~~0.0090 B,J~~ 0.040 U	0.040	mg/kg	SW846 7471A	10/29/08	K017P1A5
		Dilution Factor: 1		Analysis Time..: 08:49	Analyst ID.....: 031043	
		Instrument ID..: HGHYDRA		MS Run #.....: 8303010	MDL.....: 0.0030	
Prep Batch #...: 8309177						
Chromium	7.1	0.60	mg/kg	SW846 6010B	11/04-11/06/08	K017P1AN
		Dilution Factor: 1		Analysis Time..: 14:34	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8309109	MDL.....: 0.067	

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

I Method blank contamination. The associated method blank contains the target analyte at a reportable level.

~~B Estimated result. Result is less than RL.~~

~~E Matrix interference.~~

ENSR International

Client Sample ID: SB36(32.5-35)

GC/MS Volatiles

Lot-Sample #...:	C8J160275-002	Work Order #...:	K017T1AK	Matrix.....:	SO
Date Sampled...:	10/13/08	Date Received..:	10/16/08	MS Run #.....:	8297162
Prep Date.....:	10/22/08	Analysis Date..:	10/23/08		
Prep Batch #...:	8297230	Analysis Time..:	18:27		
Dilution Factor:	1	Initial Wgt/Vol:	5 g	Final Wgt/Vol..:	5 mL
% Moisture.....:	14	Analyst ID.....:	034635	Instrument ID..:	HP3
		Method.....:	SW846 8260B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	23	ug/kg	5.8
Benzene	ND	5.8	ug/kg	0.78
Bromodichloromethane	ND	5.8	ug/kg	0.65
Bromoform	ND	5.8	ug/kg	0.51
Bromomethane	ND	5.8	ug/kg	0.86
2-Butanone	ND	5.8	ug/kg	1.0
Carbon disulfide	ND	5.8	ug/kg	0.59
Carbon tetrachloride	ND	5.8	ug/kg	0.52
Chlorobenzene	ND	5.8	ug/kg	0.88
Chloroethane	ND	5.8	ug/kg	1.8
Chloroform	ND	5.8	ug/kg	0.68
Chloromethane	ND	5.8	ug/kg	0.99
Cyclohexane	ND	5.8	ug/kg	0.43
Dibromochloromethane	ND	5.8	ug/kg	0.82
1,2-Dibromo-3-chloro-propane	ND	5.8	ug/kg	0.87
1,2-Dibromoethane	ND	5.8	ug/kg	1.0
1,3-Dichlorobenzene	ND	5.8	ug/kg	0.76
1,4-Dichlorobenzene	ND	5.8	ug/kg	0.74
1,2-Dichlorobenzene	ND	5.8	ug/kg	0.93
Dichlorodifluoromethane	ND	5.8	ug/kg	0.77
1,1-Dichloroethane	ND	5.8	ug/kg	0.67
1,2-Dichloroethane	ND	5.8	ug/kg	0.71
1,1-Dichloroethene	ND	5.8	ug/kg	0.98
cis-1,2-Dichloroethene	ND	5.8	ug/kg	0.82
trans-1,2-Dichloroethene	ND	5.8	ug/kg	0.69
1,2-Dichloropropane	ND	5.8	ug/kg	0.63
cis-1,3-Dichloropropene	ND	5.8	ug/kg	0.79
trans-1,3-Dichloropropene	ND	5.8	ug/kg	0.69
Ethylbenzene	ND	5.8	ug/kg	0.75
2-Hexanone	ND	5.8	ug/kg	0.80
Isopropylbenzene	ND	5.8	ug/kg	0.79
Methyl acetate	ND	5.8	ug/kg	1.0
Methylene chloride	ND	5.8	ug/kg	0.78
Methylcyclohexane	ND	5.8	ug/kg	0.84
4-Methyl-2-pentanone	ND	5.8	ug/kg	0.76
Methyl tert-butyl ether	ND	5.8	ug/kg	0.87

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KNSR International

Client Sample ID: SB36(32.5-35)

GC/MS Volatiles

Lot-Sample #...: C8J160275-002 **Work Order #...:** K017T1AK **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Styrene	ND	5.8	ug/kg	0.62
1,1,2,2-Tetrachloroethane	ND	5.8	ug/kg	0.83
1,2,4-Trichloro-benzene	ND	5.8	ug/kg	1.0
Tetrachloroethene	ND	5.8	ug/kg	0.79
1,1,1-Trichloroethane	ND	5.8	ug/kg	0.56
1,1,2-Trichloroethane	ND	5.8	ug/kg	0.96
Trichloroethene	ND	5.8	ug/kg	0.76
Trichlorofluoromethane	ND	5.8	ug/kg	1.1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	5.8	ug/kg	1.2
Vinyl chloride	ND	5.8	ug/kg	0.54
Xylenes (total)	ND	17	ug/kg	2.6
Toluene	ND	5.8	ug/kg	0.85

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	103	(52 - 124)
Toluene-d8	89	(72 - 127)
4-Bromofluorobenzene	80	(63 - 120)
Dibromofluoromethane	105	(68 - 121)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

ENSR International

Client Sample ID: SB36(32.5-35)

GC/MS Semivolatiles

Lot-Sample #...:	C8J160275-002	Work Order #...:	K017T1AL	Matrix.....:	SO
Date Sampled...:	10/13/08 11:30	Date Received..:	10/16/08 09:30	MS Run #.....:	8296004
Prep Date.....:	10/22/08	Analysis Date..:	10/24/08		
Prep Batch #...:	8296013	Analysis Time..:	18:41		
Dilution Factor:	1	Initial Wgt/Vol:	15 g	Final Wgt/Vol..:	5 mL
% Moisture.....:	14	Analyst ID.....:	403801	Instrument ID..:	732
		Method.....:	SW846 8270C		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	78	ug/kg	20
Acenaphthylene	ND	78	ug/kg	22
Acetophenone	ND	380	ug/kg	23
Anthracene	ND	78	ug/kg	22
Atrazine	ND 380 UJ	380	ug/kg	27
Benzo(a)anthracene	ND	78	ug/kg	15
Benzo(a)pyrene	ND	78	ug/kg	12
Benzo(b)fluoranthene	ND	78	ug/kg	15
Benzo(ghi)perylene	ND	78	ug/kg	13
Benzo(k)fluoranthene	ND 78 UJ	78	ug/kg	12
Benzaldehyde	ND 380 UJ	380	ug/kg	41
1,1'-Biphenyl	ND	380	ug/kg	21
bis(2-Chloroethoxy) methane	ND	380	ug/kg	18
bis(2-Chloroethyl)-ether	ND	78	ug/kg	8.7
bis(2-Ethylhexyl) phthalate	ND	380	ug/kg	29
4-Bromophenyl phenyl ether	ND	380	ug/kg	17
Butyl benzyl phthalate	ND	380	ug/kg	31
Caprolactam	ND	2000	ug/kg	73
Carbazole	ND	78	ug/kg	16
4-Chloroaniline	ND	380	ug/kg	33
4-Chloro-3-methylphenol	ND	380	ug/kg	23
2-Chloronaphthalene	ND	78	ug/kg	22
2-Chlorophenol	ND	380	ug/kg	19
4-Chlorophenyl phenyl ether	ND	380	ug/kg	19
Chrysene	ND	78	ug/kg	15
Dibenz(a,h)anthracene	ND	78	ug/kg	24
Dibenzofuran	ND	380	ug/kg	21
3,3'-Dichlorobenzidine	ND	380	ug/kg	87
2,4-Dichlorophenol	ND	78	ug/kg	11
Diethyl phthalate	**240 J**	380	**ug/kg**	**34**
2,4-Dimethylphenol	ND	380	ug/kg	17
Dimethyl phthalate	ND	380	ug/kg	22

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ENSR International

Client Sample ID: SB36(32.5-35)

GC/MS Semivolatiles

Lot-Sample #...: C8J160275-002 Work Order #...: K017T1AL Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-butyl phthalate	ND	380	ug/kg	64
4,6-Dinitro-2-methylphenol	ND	2000	ug/kg	270
2,4-Dinitrophenol	ND 2000 U	2000	ug/kg	450
2,4-Dinitrotoluene	ND	380	ug/kg	20
2,6-Dinitrotoluene	ND	380	ug/kg	25
Di-n-octyl phthalate	ND	380	ug/kg	27
Fluoranthene	ND	78	ug/kg	25
Fluorene	ND	78	ug/kg	19
Hexachlorobenzene	ND	78	ug/kg	23
Hexachlorobutadiene	ND	78	ug/kg	24
Hexachlorocyclopentadiene	ND	380	ug/kg	18
Hexachloroethane	ND	380	ug/kg	17
Indeno(1,2,3-cd)pyrene	ND	78	ug/kg	14
Isophorone	ND	380	ug/kg	21
2-Methylnaphthalene	ND	78	ug/kg	21
2-Methylphenol	ND	380	ug/kg	24
4-Methylphenol	ND	380	ug/kg	24
Naphthalene	ND	78	ug/kg	19
2-Nitroaniline	ND	2000	ug/kg	23
3-Nitroaniline	ND	2000	ug/kg	33
4-Nitroaniline	ND	2000	ug/kg	16
Nitrobenzene	ND	78	ug/kg	9.6
2-Nitrophenol	ND	380	ug/kg	31
4-Nitrophenol	ND	2000	ug/kg	30
N-Nitrosodi-n-propylamine	ND	78	ug/kg	9.4
N-Nitrosodiphenylamine	ND	78	ug/kg	21
2,2'-oxybis(1-Chloropropane)	ND	78	ug/kg	23
Pentachlorophenol	ND	380	ug/kg	29
Phenanthrene	ND	78	ug/kg	18
Phenol	ND	78	ug/kg	23
Pyrene	ND	78	ug/kg	24
2,4,5-Trichlorophenol	ND	380	ug/kg	32
2,4,6-Trichlorophenol	ND	380	ug/kg	31

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ENSR International

Client Sample ID: SB36(32.5-35)

GC/MS Semivolatiles

Lot-Sample #...: C8J160275-002 Work Order #...: K017T1AL Matrix.....: SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	56	(50 - 124)
2-Fluorobiphenyl	60	(49 - 105)
2-Fluorophenol	63	(39 - 103)
Nitrobenzene-d5	65	(25 - 104)
Phenol-d5	62	(25 - 105)
Terphenyl-d14	72	(25 - 127)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

ENSR International

Client Sample ID: SB36(32.5-35)

TOTAL Metals

Lot-Sample #...: C8J160275-002 Matrix.....: SO
Date Sampled...: 10/13/08 Date Received..: 10/16/08
% Moisture.....: 14

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8296214						
Silver	~~0.088 B,J~~ 0.58U	0.58	mg/kg	SW846 6010B	10/22-11/02/08	K017T1AM
		Dilution Factor: 1		Analysis Time..: 21:22	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8296135	MDL.....: 0.077	
Aluminum	2800 J	23.2	mg/kg	SW846 6010B	10/22-11/02/08	K017T1AN
		Dilution Factor: 1		Analysis Time..: 21:22	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8296135	MDL.....: 2.8	
Arsenic	4.2	1.2	mg/kg	SW846 6010B	10/22-11/02/08	K017T1AP
		Dilution Factor: 1		Analysis Time..: 21:22	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8296135	MDL.....: 0.34	
Barium	~~16.7 B,J~~ 23.2U	23.2	mg/kg	SW846 6010B	10/22-11/02/08	K017T1AQ
		Dilution Factor: 1		Analysis Time..: 21:22	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8296135	MDL.....: 0.092	
Beryllium	~~0.37 B,J~~ 0.46U	0.46	mg/kg	SW846 6010B	10/22-11/02/08	K017T1AR
		Dilution Factor: 1		Analysis Time..: 21:22	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8296135	MDL.....: 0.017	
Calcium	1070 J	580	mg/kg	SW846 6010B	10/22-11/02/08	K017T1AT
		Dilution Factor: 1		Analysis Time..: 21:22	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8296135	MDL.....: 2.0	
Cadmium	~~0.074 B,J~~ 0.58U	0.58	mg/kg	SW846 6010B	10/22-11/02/08	K017T1AU
		Dilution Factor: 1		Analysis Time..: 21:22	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8296135	MDL.....: 0.024	
Cobalt	2.6 B J	5.8	mg/kg	SW846 6010B	10/22-11/02/08	K017T1AV
		Dilution Factor: 1		Analysis Time..: 21:22	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8296135	MDL.....: 0.094	
Copper	6.5	2.9	mg/kg	SW846 6010B	10/22-11/02/08	K017T1AX
		Dilution Factor: 1		Analysis Time..: 21:22	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8296135	MDL.....: 0.31	

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ENSR International

Client Sample ID: SB36(32.5-35)

TOTAL Metals

Lot-Sample #...: C8J160275-002 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Iron	8610 J	11.6	mg/kg	SW846 6010B	10/22-11/02/08	K017T1A0
	Dilution Factor: 1	Analysis Time..: 21:22		Analyst ID.....: 022952		
	Instrument ID..: TRACEICP	MS Run #.....: 8296135		MDL.....: 1.5		
Potassium	478 B J	580	mg/kg	SW846 6010B	10/22-11/02/08	K017T1A1
	Dilution Factor: 1	Analysis Time..: 21:22		Analyst ID.....: 022952		
	Instrument ID..: TRACEICP	MS Run #.....: 8296135		MDL.....: 87.0		
Magnesium	1240 J	580	mg/kg	SW846 6010B	10/22-11/02/08	K017T1A2
	Dilution Factor: 1	Analysis Time..: 21:22		Analyst ID.....: 022952		
	Instrument ID..: TRACEICP	MS Run #.....: 8296135		MDL.....: 2.4		
Manganese	145	1.7	mg/kg	SW846 6010B	10/22-11/02/08	K017T1A3
	Dilution Factor: 1	Analysis Time..: 21:22		Analyst ID.....: 022952		
	Instrument ID..: TRACEICP	MS Run #.....: 8296135		MDL.....: 0.071		
Sodium	74.2 B J	580	mg/kg	SW846 6010B	10/22-11/02/08	K017T1A4
	Dilution Factor: 1	Analysis Time..: 21:22		Analyst ID.....: 022952		
	Instrument ID..: TRACEICP	MS Run #.....: 8296135		MDL.....: 16.8		
Nickel	6.0 J	4.6	mg/kg	SW846 6010B	10/22-11/02/08	K017T1A5
	Dilution Factor: 1	Analysis Time..: 21:22		Analyst ID.....: 022952		
	Instrument ID..: TRACEICP	MS Run #.....: 8296135		MDL.....: 0.17		
Lead	2.6	0.35	mg/kg	SW846 6010B	10/22-11/02/08	K017T1A6
	Dilution Factor: 1	Analysis Time..: 21:22		Analyst ID.....: 022952		
	Instrument ID..: TRACEICP	MS Run #.....: 8296135		MDL.....: 0.18		
Selenium	ND	0.58	mg/kg	SW846 6010B	10/22-11/02/08	K017T1AA
	Dilution Factor: 1	Analysis Time..: 21:22		Analyst ID.....: 022952		
	Instrument ID..: TRACEICP	MS Run #.....: 8296135		MDL.....: 0.20		
Thallium	ND	1.2	mg/kg	SW846 6010B	10/22-11/02/08	K017T1AC
	Dilution Factor: 1	Analysis Time..: 21:22		Analyst ID.....: 022952		
	Instrument ID..: TRACEICP	MS Run #.....: 8296135		MDL.....: 0.36		
Antimony	ND UJ	1.2	mg/kg	SW846 6010B	10/22-11/02/08	K017T1AD
	Dilution Factor: 1	Analysis Time..: 21:22		Analyst ID.....: 022952		
	Instrument ID..: TRACEICP	MS Run #.....: 8296135		MDL.....: 0.24		

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ENSR International

Client Sample ID: SB36(32.5-35)

TOTAL Metals

Lot-Sample #...: C8J160275-002 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Vanadium	10.5	5.8	mg/kg	SW846 6010B	10/22-11/02/08	K017T1AK
		Dilution Factor: 1		Analysis Time..: 21:22	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8296135	MDL.....: 0.28	
Zinc	19.8 J	2.3	mg/kg	SW846 6010B	10/22-11/02/08	K017T1AF
		Dilution Factor: 1		Analysis Time..: 21:22	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8296135	MDL.....: 0.21	
Prep Batch #...: 8303021						
Mercury	~~0.015 B,J~~ 0.038 U	0.038	mg/kg	SW846 7471A	10/29/08	K017T1AG
		Dilution Factor: 1		Analysis Time..: 08:50	Analyst ID.....: 031043	
		Instrument ID..: HGHYDRA		MS Run #.....: 8303010	MDL.....: 0.0029	
Prep Batch #...: 8309177						
Chromium	5.0	0.58	mg/kg	SW846 6010B	11/04-11/06/08	K017T1AW
		Dilution Factor: 1		Analysis Time..: 14:56	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8309109	MDL.....: 0.065	

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.

ENSR International

Client Sample ID: SB37(11-12)

GC/MS Volatiles

Lot-Sample #...: C8J160275-003	**Work Order #...:** K017V1AK	**Matrix.....:** SO
Date Sampled...: 10/13/08	**Date Received..:** 10/16/08	**MS Run #.....:** 8298231
Prep Date.....: 10/24/08	**Analysis Date..:** 10/24/08	
Prep Batch #...: 8298421	**Analysis Time..:** 11:05	
Dilution Factor: 5	**Initial Wgt/Vol:** 1 g	**Final Wgt/Vol..:** 5 mL
% Moisture.....: 22	**Analyst ID.....:** 034635	**Instrument ID..:** HP3
	Method.....: SW846 8260B	

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	130	ug/kg	32
Benzene	**21 J**	**32**	**ug/kg**	**4.3**
Bromodichloromethane	ND	32	ug/kg	3.6
Bromoform	ND	32	ug/kg	2.8
Bromomethane	ND	32	ug/kg	4.7
2-Butanone	ND	32	ug/kg	5.6
Carbon disulfide	ND	32	ug/kg	3.3
Carbon tetrachloride	ND	32	ug/kg	2.9
Chlorobenzene	ND	32	ug/kg	4.8
Chloroethane	ND	32	ug/kg	9.9
Chloroform	ND	32	ug/kg	3.7
Chloromethane	ND	32	ug/kg	5.4
Cyclohexane	ND	32	ug/kg	2.4
Dibromochloromethane	ND	32	ug/kg	4.5
1,2-Dibromo-3-chloro-propane	ND	32	ug/kg	4.8
1,2-Dibromoethane	ND	32	ug/kg	5.5
1,3-Dichlorobenzene	ND	32	ug/kg	4.2
1,4-Dichlorobenzene	ND	32	ug/kg	4.1
1,2-Dichlorobenzene	ND	32	ug/kg	5.1
Dichlorodifluoromethane	ND	32	ug/kg	4.3
1,1-Dichloroethane	ND	32	ug/kg	3.7
1,2-Dichloroethane	ND	32	ug/kg	3.9
1,1-Dichloroethene	ND	32	ug/kg	5.4
cis-1,2-Dichloroethene	ND	32	ug/kg	4.5
trans-1,2-Dichloroethene	ND	32	ug/kg	3.8
1,2-Dichloropropane	ND	32	ug/kg	3.5
cis-1,3-Dichloropropene	ND	32	ug/kg	4.3
trans-1,3-Dichloropropene	ND	32	ug/kg	3.8
Ethylbenzene	**1200**	**32**	**ug/kg**	**4.1**
2-Hexanone	ND	32	ug/kg	4.4
Isopropylbenzene	**200**	**32**	**ug/kg**	**4.3**
Methyl acetate	ND 32 UJ	32	ug/kg	5.8
Methylene chloride	ND	32	ug/kg	4.3
Methylcyclohexane	ND	32	ug/kg	4.6
4-Methyl-2-pentanone	ND	32	ug/kg	4.2
Methyl tert-butyl ether	ND	32	ug/kg	4.8

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ENSR International

Client Sample ID: SB37(11-12)

GC/MS Volatiles

Lot-Sample #...: C8J160275-003 Work Order #...: K017V1AK Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Styrene	ND	32	ug/kg	3.4
1,1,2,2-Tetrachloroethane	ND	32	ug/kg	4.6
1,2,4-Trichloro-benzene	ND	32	ug/kg	5.6
Tetrachloroethene	ND	32	ug/kg	4.4
1,1,1-Trichloroethane	ND	32	ug/kg	3.1
1,1,2-Trichloroethane	ND	32	ug/kg	5.3
Trichloroethene	ND	32	ug/kg	4.2
Trichlorofluoromethane	ND	32	ug/kg	5.9
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	32	ug/kg	6.8
Vinyl chloride	ND	32	ug/kg	3.0
Xylenes (total)	**1900**	**96**	**ug/kg**	**14**
Toluene	**16 J**	**32**	**ug/kg**	**4.7**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	95	(52 - 124)
Toluene-d8	96	(72 - 127)
4-Bromofluorobenzene	84	(63 - 120)
Dibromofluoromethane	102	(68 - 121)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

ENSR International

Client Sample ID: SB37(11-12)

GC/MS Semivolatiles

Lot-Sample #...: C8J160275-003	Work Order #...: K017V1AL	Matrix.....: SO
Date Sampled...: 10/13/08 15:30	Date Received..: 10/16/08 09:30	MS Run #.....: 8296004
Prep Date.....: 10/22/08	Analysis Date..: 10/23/08	
Prep Batch #...: 8296013	Analysis Time..: 13:32	
Dilution Factor: 9.9	Initial Wgt/Vol: 15.2 g	Final Wgt/Vol..: 5 mL
% Moisture.....: 22	Analyst ID.....: 007062	Instrument ID..: 732
	Method.....: SW846 8270C	

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	**120000**	**850**	**ug/kg**	**220**
Acenaphthylene	**11000**	**850**	**ug/kg**	**240**
Acetophenone	ND	4200	ug/kg	260
Anthracene	**51000**	**850**	**ug/kg**	**240**
Atrazine	ND 4200 UJ	4200	ug/kg	290
Benzo(a)anthracene	**27000**	**850**	**ug/kg**	**170**
Benzo(a)pyrene	**20000**	**850**	**ug/kg**	**130**
Benzo(b)fluoranthene	**15000 J**	**850**	**ug/kg**	**160**
Benzo(ghi)perylene	**7600**	**850**	**ug/kg**	**140**
Benzo(k)fluoranthene	**3100**	**850**	**ug/kg**	**130**
Benzaldehyde	ND 4200 UJ	4200	ug/kg	450
1,1'-Biphenyl	**17000**	**4200**	**ug/kg**	**230**
bis(2-Chloroethoxy) methane	ND	4200	ug/kg	200
bis(2-Chloroethyl)-ether	ND	850	ug/kg	95
bis(2-Ethylhexyl) phthalate	ND	4200	ug/kg	320
4-Bromophenyl phenyl ether	ND	4200	ug/kg	190
Butyl benzyl phthalate	**470 J**	**4200**	**ug/kg**	**340**
Caprolactam	ND	22000	ug/kg	800
Carbazole	**870**	**850**	**ug/kg**	**170**
4-Chloroaniline	ND	4200	ug/kg	360
4-Chloro-3-methylphenol	ND	4200	ug/kg	260
2-Chloronaphthalene	ND	850	ug/kg	240
2-Chlorophenol	ND	4200	ug/kg	210
4-Chlorophenyl phenyl ether	ND	4200	ug/kg	210
Chrysene	**22000**	**850**	**ug/kg**	**170**
Dibenz(a,h)anthracene	ND	850	ug/kg	270
Dibenzofuran	**3700 J**	**4200**	**ug/kg**	**230**
3,3'-Dichlorobenzidine	ND	4200	ug/kg	940
2,4-Dichlorophenol	ND	850	ug/kg	130
Diethyl phthalate	ND	4200	ug/kg	370
2,4-Dimethylphenol	ND	4200	ug/kg	180
Dimethyl phthalate	ND	4200	ug/kg	240

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ENSR International

Client Sample ID: SB37(11-12)

GC/MS Semivolatiles

Lot-Sample #...: C8J160275-003 Work Order #...: K017V1AL Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-butyl phthalate	ND	4200	ug/kg	700
4,6-Dinitro-2-methylphenol	ND	22000	ug/kg	3000
2,4-Dinitrophenol	ND 22000 U	22000	ug/kg	5000
2,4-Dinitrotoluene	ND	4200	ug/kg	220
2,6-Dinitrotoluene	ND	4200	ug/kg	270
Di-n-octyl phthalate	ND	4200	ug/kg	290
Fluoranthene	**53000**	**850**	**ug/kg**	**270**
Fluorene	**47000**	**850**	**ug/kg**	**200**
Hexachlorobenzene	ND	850	ug/kg	250
Hexachlorobutadiene	ND	850	ug/kg	260
Hexachlorocyclopentadiene	ND 4200 U	4200	ug/kg	190
Hexachloroethane	ND	4200	ug/kg	190
Indeno(1,2,3-cd)pyrene	**5600 J**	**850**	**ug/kg**	**150**
Isophorone	ND	4200	ug/kg	230
2-Methylnaphthalene	**75000**	**850**	**ug/kg**	**230**
2-Methylphenol	ND	4200	ug/kg	260
4-Methylphenol	ND	4200	ug/kg	260
Naphthalene 330000	~~**290000 E**~~	**850**	**ug/kg**	**200**
2-Nitroaniline	ND	22000	ug/kg	250
3-Nitroaniline	ND	22000	ug/kg	360
4-Nitroaniline	ND	22000	ug/kg	180
Nitrobenzene	ND	850	ug/kg	100
2-Nitrophenol	ND	4200	ug/kg	330
4-Nitrophenol	ND	22000	ug/kg	330
N-Nitrosodi-n-propylamine	ND	850	ug/kg	100
N-Nitrosodiphenylamine	ND	850	ug/kg	230
2,2'-oxybis(1-Chloropropane)	ND	850	ug/kg	250
Pentachlorophenol	ND	4200	ug/kg	310
Phenanthrene 230000	~~**180000 E**~~	**850**	**ug/kg**	**200**
Phenol	ND	850	ug/kg	250
Pyrene	**74000**	**850**	**ug/kg**	**260**
2,4,5-Trichlorophenol	ND	4200	ug/kg	350
2,4,6-Trichlorophenol	ND	4200	ug/kg	340

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ENSR International

Client Sample ID: SB37(11-12)

GC/MS Semivolatiles

Lot-Sample #...: C8J160275-003 Work Order #...: K017V1AL Matrix.....: SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	40 *	(50 - 124)
2-Fluorobiphenyl	49	(49 - 105)
2-Fluorophenol	63	(39 - 103)
Nitrobenzene-d5	61	(25 - 104)
Phenol-d5	66	(25 - 105)
Terphenyl-d14	55	(25 - 127)

NOTE(S):

* Surrogate recovery is outside stated control limits.

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

E Estimated result. Result concentration exceeds the calibration range.

ENSR International

Client Sample ID: SB37(11-12)

GC/MS Semivolatiles

Lot-Sample #...:	C8J160275-003	Work Order #...:	K017V2AL	Matrix.....:	SO
Date Sampled...:	10/13/08 15:30	Date Received..:	10/16/08 09:30	MS Run #.....:	8296004
Prep Date.....:	10/22/08	Analysis Date..:	10/23/08		
Prep Batch #...:	8296013	Analysis Time..:	16:35		
Dilution Factor:	49.5	Initial Wgt/Vol:	15.2 g	Final Wgt/Vol..:	5 mL
% Moisture.....:	22	Analyst ID.....:	007062	Instrument ID..:	732
		Method.....:	SW846 8270C		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	**160000**	**4200**	**ug/kg**	**1100**
Acenaphthylene	**19000**	**4200**	**ug/kg**	**1200**
Acetophenone	ND	21000	ug/kg	1300
Anthracene	**70000**	**4200**	**ug/kg**	**1200**
Atrazine	ND	21000	ug/kg	1400
Benzo(a)anthracene	**41000**	**4200**	**ug/kg**	**830**
Benzo(a)pyrene	**26000**	**4200**	**ug/kg**	**650**
Benzo(b)fluoranthene	**12000**	**4200**	**ug/kg**	**810**
Benzo(ghi)perylene	**13000**	**4200**	**ug/kg**	**710**
Benzo(k)fluoranthene	**14000**	**4200**	**ug/kg**	**670**
Benzaldehyde	ND	21000	ug/kg	2200
1,1'-Biphenyl	**27000**	**21000**	**ug/kg**	**1200**
bis(2-Chloroethoxy) methane	ND	21000	ug/kg	980
bis(2-Chloroethyl)-ether	ND	4200	ug/kg	470
bis(2-Ethylhexyl) phthalate	ND	21000	ug/kg	1600
4-Bromophenyl phenyl ether	ND	21000	ug/kg	940
Butyl benzyl phthalate	ND	21000	ug/kg	1700
Caprolactam	ND	110000	ug/kg	4000
Carbazole	ND	4200	ug/kg	860
4-Chloroaniline	ND	21000	ug/kg	1800
4-Chloro-3-methylphenol	ND	21000	ug/kg	1300
2-Chloronaphthalene	ND	4200	ug/kg	1200
2-Chlorophenol	ND	21000	ug/kg	1100
4-Chlorophenyl phenyl ether	ND	21000	ug/kg	1000
Chrysene	**28000**	**4200**	**ug/kg**	**830**
Dibenz(a,h)anthracene	ND	4200	ug/kg	1300
Dibenzofuran	**5300 J**	**21000**	**ug/kg**	**1200**
3,3'-Dichlorobenzidine	ND	21000	ug/kg	4700
2,4-Dichlorophenol	ND	4200	ug/kg	630
Diethyl phthalate	ND	21000	ug/kg	1900
2,4-Dimethylphenol	ND	21000	ug/kg	900
Dimethyl phthalate	ND	21000	ug/kg	1200

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ENSR International

Client Sample ID: SB37(11-12)

GC/MS Semivolatiles

Lot-Sample #...: C8J160275-003 Work Order #...: K017V2AL Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-butyl phthalate	ND	21000	ug/kg	3500
4,6-Dinitro-2-methylphenol	ND	110000	ug/kg	15000
2,4-Dinitrophenol	ND	110000	ug/kg	25000
2,4-Dinitrotoluene	ND	21000	ug/kg	1100
2,6-Dinitrotoluene	ND	21000	ug/kg	1400
Di-n-octyl phthalate	ND	21000	ug/kg	1500
Fluoranthene	**81000**	**4200**	**ug/kg**	**1400**
Fluorene	**68000**	**4200**	**ug/kg**	**1000**
Hexachlorobenzene	ND	4200	ug/kg	1300
Hexachlorobutadiene	ND	4200	ug/kg	1300
Hexachlorocyclopentadiene	ND	21000	ug/kg	960
Hexachloroethane	ND	21000	ug/kg	940
Indeno(1,2,3-cd)pyrene	**9200**	**4200**	**ug/kg**	**750**
Isophorone	ND	21000	ug/kg	1200
2-Methylnaphthalene	**94000**	**4200**	**ug/kg**	**1200**
2-Methylphenol	ND	21000	ug/kg	1300
4-Methylphenol	ND	21000	ug/kg	1300
Naphthalene	**330000**	**4200**	**ug/kg**	**1000**
2-Nitroaniline	ND	110000	ug/kg	1300
3-Nitroaniline	ND	110000	ug/kg	1800
4-Nitroaniline	ND	110000	ug/kg	880
Nitrobenzene	ND	4200	ug/kg	520
2-Nitrophenol	ND	21000	ug/kg	1700
4-Nitrophenol	ND	110000	ug/kg	1600
N-Nitrosodi-n-propylamine	ND	4200	ug/kg	510
N-Nitrosodiphenylamine	ND	4200	ug/kg	1100
2,2'-oxybis(1-Chloropropane)	ND	4200	ug/kg	1300
Pentachlorophenol	ND	21000	ug/kg	1600
Phenanthrene	**230000**	**4200**	**ug/kg**	**1000**
Phenol	ND	4200	ug/kg	1300
Pyrene	**110000**	**4200**	**ug/kg**	**1300**
2,4,5-Trichlorophenol	ND	21000	ug/kg	1700
2,4,6-Trichlorophenol	ND	21000	ug/kg	1700

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ENSR International

Client Sample ID: SB37(11-12)

GC/MS Semivolatiles

Lot-Sample #...: C8J160275-003 Work Order #...: K017V2AL Matrix.....: SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	NC,DIL	(50 - 124)
2-Fluorobiphenyl	NC,DIL	(49 - 105)
2-Fluorophenol	NC,DIL	(39 - 103)
Nitrobenzene-d5	NC,DIL	(25 - 104)
Phenol-d5	NC,DIL	(25 - 105)
Terphenyl-d14	NC,DIL	(25 - 127)

NOTE(S):

NC The recovery and/or RPD were not calculated.

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.

ENSR International

Client Sample ID: SB37(11-12)

TOTAL Metals

Lot-Sample #...: C8J160275-003 Matrix.....: SO
Date Sampled...: 10/13/08 Date Received..: 10/16/08
% Moisture.....: 22

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8296214						
Silver	ND	0.64	mg/kg	SW846 6010B	10/22-11/02/08	K017V1AM
		Dilution Factor: 1		Analysis Time..: 21:27	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8296135	MDL.....: 0.084	
Aluminum	**3670 J**	**25.6**	**mg/kg**	**SW846 6010B**	**10/22-11/02/08**	**K017V1AN**
		Dilution Factor: 1		Analysis Time..: 21:27	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8296135	MDL.....: 3.1	
Arsenic	**2.0**	**1.3**	**mg/kg**	**SW846 6010B**	**10/22-11/02/08**	**K017V1AP**
		Dilution Factor: 1		Analysis Time..: 21:27	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8296135	MDL.....: 0.37	
Barium	~~18.8 B,J~~ 25.6 U	**25.6**	**mg/kg**	**SW846 6010B**	**10/22-11/02/08**	**K017V1AQ**
		Dilution Factor: 1		Analysis Time..: 21:27	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8296135	MDL.....: 0.10	
Beryllium	~~0.45 B,J~~ 0.51 U	**0.51**	**mg/kg**	**SW846 6010B**	**10/22-11/02/08**	**K017V1AR**
		Dilution Factor: 1		Analysis Time..: 21:27	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8296135	MDL.....: 0.019	
Calcium	**1370 J**	**640**	**mg/kg**	**SW846 6010B**	**10/22-11/02/08**	**K017V1AT**
		Dilution Factor: 1		Analysis Time..: 21:27	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8296135	MDL.....: 2.2	
Cadmium	~~0.060 B,J~~ 0.64 U	**0.64**	**mg/kg**	**SW846 6010B**	**10/22-11/02/08**	**K017V1AU**
		Dilution Factor: 1		Analysis Time..: 21:27	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8296135	MDL.....: 0.027	
Cobalt	**3.9 B J**	**6.4**	**mg/kg**	**SW846 6010B**	**10/22-11/02/08**	**K017V1AV**
		Dilution Factor: 1		Analysis Time..: 21:27	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8296135	MDL.....: 0.10	
Copper	**5.9**	**3.2**	**mg/kg**	**SW846 6010B**	**10/22-11/02/08**	**K017V1AX**
		Dilution Factor: 1		Analysis Time..: 21:27	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8296135	MDL.....: 0.34	

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ENSR International

Client Sample ID: SB37(11-12)

TOTAL Metals

Lot-Sample #...: C8J160275-003 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Iron	9480 J	12.8	mg/kg	SW846 6010B	10/22-11/02/08	K017V1A0
		Dilution Factor: 1		Analysis Time..: 21:27	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8296135	MDL.....: 1.6	
Potassium	592 B J	640	mg/kg	SW846 6010B	10/22-11/02/08	K017V1A1
		Dilution Factor: 1		Analysis Time..: 21:27	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8296135	MDL.....: 96.0	
Magnesium	1350 J	640	mg/kg	SW846 6010B	10/22-11/02/08	K017V1A2
		Dilution Factor: 1		Analysis Time..: 21:27	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8296135	MDL.....: 2.7	
Manganese	121	1.9	mg/kg	SW846 6010B	10/22-11/02/08	K017V1A3
		Dilution Factor: 1		Analysis Time..: 21:27	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8296135	MDL.....: 0.078	
Sodium	291 B J	640	mg/kg	SW846 6010B	10/22-11/02/08	K017V1A4
		Dilution Factor: 1		Analysis Time..: 21:27	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8296135	MDL.....: 18.6	
Nickel	10.9 J	5.1	mg/kg	SW846 6010B	10/22-11/02/08	K017V1A5
		Dilution Factor: 1		Analysis Time..: 21:27	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8296135	MDL.....: 0.18	
Lead	4.5	0.38	mg/kg	SW846 6010B	10/22-11/02/08	K017V1A6
		Dilution Factor: 1		Analysis Time..: 21:27	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8296135	MDL.....: 0.20	
Selenium	0.31 B J	0.64	mg/kg	SW846 6010B	10/22-11/02/08	K017V1AA
		Dilution Factor: 1		Analysis Time..: 21:27	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8296135	MDL.....: 0.22	
Thallium	ND	1.3	mg/kg	SW846 6010B	10/22-11/02/08	K017V1AC
		Dilution Factor: 1		Analysis Time..: 21:27	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8296135	MDL.....: 0.39	
Antimony	ND UJ	1.3	mg/kg	SW846 6010B	10/22-11/02/08	K017V1AD
		Dilution Factor: 1		Analysis Time..: 21:27	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8296135	MDL.....: 0.27	

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ENSR International

Client Sample ID: SB37(11-12)

TOTAL Metals

Lot-Sample #...: C8J160275-003 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Vanadium	12.7	6.4	mg/kg	SW846 6010B	10/22-11/02/08	K017V1AE
		Dilution Factor: 1		Analysis Time..: 21:27	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8296135	MDL.....: 0.31	
Zinc	20.8 J	2.6	mg/kg	SW846 6010B	10/22-11/02/08	K017V1AF
		Dilution Factor: 1		Analysis Time..: 21:27	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8296135	MDL.....: 0.24	
Prep Batch #...: 8303021						
Mercury	~~0.0081 B,J~~ 0.0420	0.042	mg/kg	SW846 7471A	10/29/08	K017V1AG
		Dilution Factor: 1		Analysis Time..: 08:59	Analyst ID.....: 031043	
		Instrument ID..: HGHYDRA		MS Run #.....: 8303010	MDL.....: 0.0032	
Prep Batch #...: 8309177						
Chromium	5.6	0.64	mg/kg	SW846 6010B	11/04-11/06/08	K017V1AW
		Dilution Factor: 1		Analysis Time..: 15:02	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8309109	MDL.....: 0.072	

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.~~

ENSR International

Client Sample ID: SB37(57.6-60)

GC/MS Volatiles

Lot-Sample #...:	C8J160275-004	**Work Order #...:**	K017W1AK	**Matrix.....:**	SO
Date Sampled...:	10/14/08	**Date Received..:**	10/16/08	**MS Run #.....:**	8298231
Prep Date.....:	10/24/08	**Analysis Date..:**	10/24/08		
Prep Batch #...:	8298421	**Analysis Time..:**	08:43		
Dilution Factor:	1	**Initial Wgt/Vol:**	5 g	**Final Wgt/Vol..:**	5 mL
% Moisture.....:	17	**Analyst ID.....:**	034635	**Instrument ID..:**	HP3
		Method.....:	SW846 8260B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	24	ug/kg	6.0
Benzene	ND	6.0	ug/kg	0.81
Bromodichloromethane	ND	6.0	ug/kg	0.67
Bromoform	ND	6.0	ug/kg	0.53
Bromomethane	ND	6.0	ug/kg	0.89
2-Butanone	ND	6.0	ug/kg	1.1
Carbon disulfide	ND	6.0	ug/kg	0.62
Carbon tetrachloride	ND	6.0	ug/kg	0.54
Chlorobenzene	ND	6.0	ug/kg	0.91
Chloroethane	ND	6.0	ug/kg	1.9
Chloroform	ND	6.0	ug/kg	0.70
Chloromethane	ND	6.0	ug/kg	1.0
Cyclohexane	ND	6.0	ug/kg	0.45
Dibromochloromethane	ND	6.0	ug/kg	0.85
1,2-Dibromo-3-chloro-propane	ND	6.0	ug/kg	0.90
1,2-Dibromoethane	ND	6.0	ug/kg	1.0
1,3-Dichlorobenzene	ND	6.0	ug/kg	0.79
1,4-Dichlorobenzene	ND	6.0	ug/kg	0.76
1,2-Dichlorobenzene	ND	6.0	ug/kg	0.96
Dichlorodifluoromethane	ND	6.0	ug/kg	0.80
1,1-Dichloroethane	ND	6.0	ug/kg	0.69
1,2-Dichloroethane	ND	6.0	ug/kg	0.74
1,1-Dichloroethene	ND	6.0	ug/kg	1.0
cis-1,2-Dichloroethene	ND	6.0	ug/kg	0.84
trans-1,2-Dichloroethene	ND	6.0	ug/kg	0.72
1,2-Dichloropropane	ND	6.0	ug/kg	0.65
cis-1,3-Dichloropropene	ND	6.0	ug/kg	0.81
trans-1,3-Dichloropropene	ND	6.0	ug/kg	0.72
Ethylbenzene	ND	6.0	ug/kg	0.77
2-Hexanone	ND	6.0	ug/kg	0.83
Isopropylbenzene	ND	6.0	ug/kg	0.82
Methyl acetate	ND 6.015	6.0	ug/kg	1.1
Methylene chloride	ND	6.0	ug/kg	0.81
Methylcyclohexane	ND	6.0	ug/kg	0.87
4-Methyl-2-pentanone	ND	6.0	ug/kg	0.78
Methyl tert-butyl ether	ND	6.0	ug/kg	0.90

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ENSR International

Client Sample ID: SB37(57.6-60)

GC/MS Volatiles

Lot-Sample #...: C8J160275-004 Work Order #...: K017W1AK Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Styrene	ND	6.0	ug/kg	0.64
1,1,2,2-Tetrachloroethane	ND	6.0	ug/kg	0.86
1,2,4-Trichloro-benzene	ND	6.0	ug/kg	1.1
Tetrachloroethene	ND	6.0	ug/kg	0.82
1,1,1-Trichloroethane	ND	6.0	ug/kg	0.58
1,1,2-Trichloroethane	ND	6.0	ug/kg	1.0
Trichloroethene	ND	6.0	ug/kg	0.79
Trichlorofluoromethane	ND	6.0	ug/kg	1.1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	6.0	ug/kg	1.3
Vinyl chloride	ND	6.0	ug/kg	0.56
Xylenes (total)	ND	18	ug/kg	2.7
Toluene	ND	6.0	ug/kg	0.88

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	96	(52 - 124)
Toluene-d8	96	(72 - 127)
4-Bromofluorobenzene	82	(63 - 120)
Dibromofluoromethane	102	(68 - 121)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

ENSR International

Client Sample ID: SB37(57.6-60)

GC/MS Semivolatiles

Lot-Sample #...:	C8J160275-004	Work Order #...:	K017W1AL	Matrix.....:	SO
Date Sampled...:	10/14/08 11:35	Date Received..:	10/16/08 09:30	MS Run #.....:	8296004
Prep Date.....:	10/22/08	Analysis Date..:	10/24/08		
Prep Batch #...:	8296013	Analysis Time..:	19:04		
Dilution Factor:	1	Initial Wgt/Vol:	15 g	Final Wgt/Vol..:	5 mL
% Moisture.....:	17	Analyst ID.....:	403801	Instrument ID..:	732
		Method.....:	SW846 8270C		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	80	ug/kg	21
Acenaphthylene	ND	80	ug/kg	23
Acetophenone	ND	400	ug/kg	24
Anthracene	ND	80	ug/kg	23
Atrazine	ND 400 UJ	400	ug/kg	27
Benzo(a)anthracene	ND	80	ug/kg	16
Benzo(a)pyrene	ND	80	ug/kg	12
Benzo(b)fluoranthene	ND	80	ug/kg	15
Benzo(ghi)perylene	ND	80	ug/kg	14
Benzo(k)fluoranthene	ND 80 UJ	80	ug/kg	13
Benzaldehyde	ND 400 UJ	400	ug/kg	42
1,1'-Biphenyl	ND	400	ug/kg	22
bis(2-Chloroethoxy) methane	ND	400	ug/kg	19
bis(2-Chloroethyl)-ether	ND	80	ug/kg	9.0
bis(2-Ethylhexyl) phthalate	ND	400	ug/kg	31
4-Bromophenyl phenyl ether	ND	400	ug/kg	18
Butyl benzyl phthalate	ND	400	ug/kg	32
Caprolactam	ND	2000	ug/kg	75
Carbazole	ND	80	ug/kg	16
4-Chloroaniline	ND	400	ug/kg	34
4-Chloro-3-methylphenol	ND	400	ug/kg	24
2-Chloronaphthalene	ND	80	ug/kg	23
2-Chlorophenol	ND	400	ug/kg	20
4-Chlorophenyl phenyl ether	ND	400	ug/kg	20
Chrysene	ND	80	ug/kg	16
Dibenz(a,h)anthracene	ND	80	ug/kg	25
Dibenzofuran	ND	400	ug/kg	22
3,3'-Dichlorobenzidine	ND	400	ug/kg	90
2,4-Dichlorophenol	ND	80	ug/kg	12
Diethyl phthalate	**45 J**	**400**	**ug/kg**	**36**
2,4-Dimethylphenol	ND	400	ug/kg	17
Dimethyl phthalate	ND	400	ug/kg	23

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ENSR International

Client Sample ID: SB37(57.6-60)

GC/MS Semivolatiles

Lot-Sample #...: C8J160275-004 Work Order #...: K017W1AL Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-butyl phthalate	ND	400	ug/kg	66
4,6-Dinitro-2-methylphenol	ND	2000	ug/kg	280
2,4-Dinitrophenol	ND 2000 U J	2000	ug/kg	470
2,4-Dinitrotoluene	ND	400	ug/kg	21
2,6-Dinitrotoluene	ND	400	ug/kg	26
Di-n-octyl phthalate	ND	400	ug/kg	28
Fluoranthene	ND	80	ug/kg	26
Fluorene	ND	80	ug/kg	19
Hexachlorobenzene	ND	80	ug/kg	24
Hexachlorobutadiene	ND	80	ug/kg	24
Hexachlorocyclopentadiene	ND	400	ug/kg	18
Hexachloroethane	ND	400	ug/kg	18
Indeno(1,2,3-cd)pyrene	ND	80	ug/kg	14
Isophorone	ND	400	ug/kg	22
2-Methylnaphthalene	ND	80	ug/kg	22
2-Methylphenol	ND	400	ug/kg	25
4-Methylphenol	ND	400	ug/kg	25
Naphthalene	**54 J**	**80**	**ug/kg**	**19**
2-Nitroaniline	ND	2000	ug/kg	24
3-Nitroaniline	ND	2000	ug/kg	34
4-Nitroaniline	ND	2000	ug/kg	17
Nitrobenzene	ND	80	ug/kg	9.9
2-Nitrophenol	ND	400	ug/kg	32
4-Nitrophenol	ND	2000	ug/kg	31
N-Nitrosodi-n-propylamine	ND	80	ug/kg	9.7
N-Nitrosodiphenylamine	ND	80	ug/kg	22
2,2'-oxybis(1-Chloropropane)	ND	80	ug/kg	24
Pentachlorophenol	ND	400	ug/kg	30
Phenanthrene	**31 J**	**80**	**ug/kg**	**19**
Phenol	ND	80	ug/kg	24
Pyrene	ND	80	ug/kg	24
2,4,5-Trichlorophenol	ND	400	ug/kg	33
2,4,6-Trichlorophenol	ND	400	ug/kg	32

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ENSR International

Client Sample ID: SB37(57.6-60)

GC/MS Semivolatiles

Lot-Sample #...: C8J160275-004 Work Order #...: K017W1AL Matrix.....: SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	78	(50 - 124)
2-Fluorobiphenyl	82	(49 - 105)
2-Fluorophenol	89	(39 - 103)
Nitrobenzene-d5	89	(25 - 104)
Phenol-d5	85	(25 - 105)
Terphenyl-d14	117	(25 - 127)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

ENSR International

Client Sample ID: SB37(57.6-60)

TOTAL Metals

Lot-Sample #...: C8J160275-004 Matrix.....: SO
Date Sampled...: 10/14/08 Date Received..: 10/16/08
% Moisture.....: 17

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8296214						
Silver	~~0.13 B,J~~ 0.60U	0.60	mg/kg	SW846 6010B	10/22-11/02/08	K017W1AM
		Dilution Factor: 1		Analysis Time..: 21:33	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8296135	MDL.....: 0.079	
Aluminum	4170 J	24.0	mg/kg	SW846 6010B	10/22-11/02/08	K017W1AN
		Dilution Factor: 1		Analysis Time..: 21:33	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8296135	MDL.....: 2.9	
Arsenic	2.8	1.2	mg/kg	SW846 6010B	10/22-11/02/08	K017W1AP
		Dilution Factor: 1		Analysis Time..: 21:33	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8296135	MDL.....: 0.35	
Barium	30.0 J	24.0	mg/kg	SW846 6010B	10/22-11/02/08	K017W1AQ
		Dilution Factor: 1		Analysis Time..: 21:33	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8296135	MDL.....: 0.095	
Beryllium	0.49 J	0.48	mg/kg	SW846 6010B	10/22-11/02/08	K017W1AR
		Dilution Factor: 1		Analysis Time..: 21:33	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8296135	MDL.....: 0.018	
Calcium	25700 J	601	mg/kg	SW846 6010B	10/22-11/02/08	K017W1AT
		Dilution Factor: 1		Analysis Time..: 21:33	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8296135	MDL.....: 2.0	
Cadmium	~~0.14 B,J~~ 0.60U	0.60	mg/kg	SW846 6010B	10/22-11/02/08	K017W1AU
		Dilution Factor: 1		Analysis Time..: 21:33	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8296135	MDL.....: 0.025	
Cobalt	4.3 B J	6.0	mg/kg	SW846 6010B	10/22-11/02/08	K017W1AV
		Dilution Factor: 1		Analysis Time..: 21:33	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8296135	MDL.....: 0.097	
Copper	9.7	3.0	mg/kg	SW846 6010B	10/22-11/02/08	K017W1AX
		Dilution Factor: 1		Analysis Time..: 21:33	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8296135	MDL.....: 0.32	

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ENSR International

Client Sample ID: SB37(57.6-60)

TOTAL Metals

Lot-Sample #...: C8J160275-004 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Iron	12600 J	12.0	mg/kg	SW846 6010B	10/22-11/02/08	K017W1A0
		Dilution Factor: 1		Analysis Time..: 21:33	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8296135	MDL.....: 1.5	
Potassium	743	601	mg/kg	SW846 6010B	10/22-11/02/08	K017W1A1
		Dilution Factor: 1		Analysis Time..: 21:33	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8296135	MDL.....: 90.1	
Magnesium	6870 J	601	mg/kg	SW846 6010B	10/22-11/02/08	K017W1A2
		Dilution Factor: 1		Analysis Time..: 21:33	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8296135	MDL.....: 2.5	
Manganese	293	1.8	mg/kg	SW846 6010B	10/22-11/02/08	K017W1A3
		Dilution Factor: 1		Analysis Time..: 21:33	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8296135	MDL.....: 0.073	
Sodium	155 B J	601	mg/kg	SW846 6010B	10/22-11/02/08	K017W1A4
		Dilution Factor: 1		Analysis Time..: 21:33	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8296135	MDL.....: 17.4	
Nickel	8.9 J	4.8	mg/kg	SW846 6010B	10/22-11/02/08	K017W1A5
		Dilution Factor: 1		Analysis Time..: 21:33	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8296135	MDL.....: 0.17	
Lead	4.1	0.36	mg/kg	SW846 6010B	10/22-11/02/08	K017W1A6
		Dilution Factor: 1		Analysis Time..: 21:33	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8296135	MDL.....: 0.19	
Selenium	ND	0.60	mg/kg	SW846 6010B	10/22-11/02/08	K017W1AA
		Dilution Factor: 1		Analysis Time..: 21:33	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8296135	MDL.....: 0.21	
Thallium	ND	1.2	mg/kg	SW846 6010B	10/22-11/02/08	K017W1AC
		Dilution Factor: 1		Analysis Time..: 21:33	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8296135	MDL.....: 0.37	
Antimony	ND UJ	1.2	mg/kg	SW846 6010B	10/22-11/02/08	K017W1AD
		Dilution Factor: 1		Analysis Time..: 21:33	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8296135	MDL.....: 0.25	

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ENSR International

Client Sample ID: SB37(57.6-60)

TOTAL Metals

Lot-Sample #...: C8J160275-004 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Vanadium	14.6	6.0	mg/kg	SW846 6010B	10/22-11/02/08	K017W1AE
		Dilution Factor: 1		Analysis Time..: 21:33	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8296135	MDL.....: 0.29	
Zinc	27.5 J	2.4	mg/kg	SW846 6010B	10/22-11/02/08	K017W1AF
		Dilution Factor: 1		Analysis Time..: 21:33	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8296135	MDL.....: 0.22	
Prep Batch #...: 8303021						
Mercury	~~0.013 B,J~~ 0.040 U	0.040	mg/kg	SW846 7471A	10/29/08	K017W1AG
		Dilution Factor: 1		Analysis Time..: 09:01	Analyst ID.....: 031043	
		Instrument ID..: HGHYDRA		MS Run #.....: 8303010	MDL.....: 0.0030	
Prep Batch #...: 8309177						
Chromium	6.9	0.60	mg/kg	SW846 6010B	11/04-11/06/08	K017W1AW
		Dilution Factor: 1		Analysis Time..: 15:23	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8309109	MDL.....: 0.067	

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.

ENSR International

Client Sample ID: SB38(22.5-25)

GC/MS Volatiles

Lot-Sample #...: C8J220183-001	**Work Order #...:** K1CL01AC	**Matrix.....:** SO
Date Sampled...: 10/16/08	**Date Received..:** 10/21/08	**MS Run #.....:** 8304268
Prep Date.....: 10/30/08	**Analysis Date..:** 10/30/08	
Prep Batch #...: 8304449	**Analysis Time..:** 16:18	
Dilution Factor: 2	**Initial Wgt/Vol:** 5 mL	**Final Wgt/Vol..:** 5 mL
% Moisture.....: 18	**Analyst ID.....:** 403794	**Instrument ID..:** HP5
	Method.....: SW846 8260B	

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	2400	ug/kg	610
Benzene	ND	610	ug/kg	120
Bromodichloromethane	ND	610	ug/kg	110
Bromoform	ND	610	ug/kg	130
Bromomethane	ND	610	ug/kg	190
2-Butanone	ND	610	ug/kg	130
Carbon disulfide	ND	610	ug/kg	130
Carbon tetrachloride	ND	610	ug/kg	130
Chlorobenzene	ND	610	ug/kg	64
Chloroethane	ND	610	ug/kg	91
Chloroform	ND	610	ug/kg	120
Chloromethane	ND	610	ug/kg	170
Cyclohexane	ND	610	ug/kg	73
Dibromochloromethane	ND	610	ug/kg	79
1,2-Dibromo-3-chloro-propane	ND	610	ug/kg	43
1,2-Dibromoethane	ND	610	ug/kg	74
1,3-Dichlorobenzene	ND	610	ug/kg	62
1,4-Dichlorobenzene	ND	610	ug/kg	64
1,2-Dichlorobenzene	ND	610	ug/kg	83
Dichlorodifluoromethane	ND 610 UJ	610	ug/kg	77
1,1-Dichloroethane	ND	610	ug/kg	120
1,2-Dichloroethane	ND	610	ug/kg	120
1,1-Dichloroethene	ND	610	ug/kg	130
cis-1,2-Dichloroethene	ND	610	ug/kg	81
trans-1,2-Dichloroethene	ND	610	ug/kg	91
1,2-Dichloropropane	ND	610	ug/kg	160
cis-1,3-Dichloropropene	ND	610	ug/kg	88
trans-1,3-Dichloropropene	ND	610	ug/kg	71
Ethylbenzene	**1500**	**610**	**ug/kg**	**75**
2-Hexanone	ND	610	ug/kg	69
Isopropylbenzene	**310 J**	**610**	**ug/kg**	**65**
Methyl acetate	ND	610	ug/kg	150
Methylene chloride	ND	610	ug/kg	130
Methylcyclohexane	ND	610	ug/kg	68
4-Methyl-2-pentanone	ND	610	ug/kg	72
Methyl tert-butyl ether	ND	610	ug/kg	120

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ENSR International

Client Sample ID: SB38(22.5-25)

GC/MS Volatiles

Lot-Sample #...: C8J220183-001 Work Order #...: K1CL01AC Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Styrene	ND	610	ug/kg	78
1,1,2,2-Tetrachloroethane	ND	610	ug/kg	110
1,2,4-Trichloro-benzene	~~120 J,B~~ 610 U	**610**	**ug/kg**	**46**
Tetrachloroethene	ND	610	ug/kg	100
1,1,1-Trichloroethane	ND	610	ug/kg	130
1,1,2-Trichloroethane	ND	610	ug/kg	140
Trichloroethene	ND	610	ug/kg	97
Trichlorofluoromethane	ND	610	ug/kg	140
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	610	ug/kg	40
Vinyl chloride	ND	610	ug/kg	160
Xylenes (total)	**2200**	**1800**	**ug/kg**	**240**
Toluene	ND	610	ug/kg	100

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	97	(52 - 124)
Toluene-d8	97	(72 - 127)
4-Bromofluorobenzene	96	(63 - 120)
Dibromofluoromethane	97	(68 - 121)

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.

ENSR International

Client Sample ID: SB38(22.5-25)

GC/MS Semivolatiles

Lot-Sample #...:	C8J220183-001	**Work Order #...:**	K1CL01AD	**Matrix.....:**	SO
Date Sampled...:	10/16/08 09:30	**Date Received..:**	10/21/08 10:00	**MS Run #.....:**	8298003
Prep Date.....:	10/24/08	**Analysis Date..:**	10/27/08		
Prep Batch #...:	8298011	**Analysis Time..:**	04:37		
Dilution Factor:	1/5X	**Initial Wgt/Vol:**	15 g	**Final Wgt/Vol..:**	5 mL
% Moisture.....:	18	**Analyst ID.....:**	003200	**Instrument ID..:**	733
		Method.....:	SW846 8270C		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	**5100**	**81**	**ug/kg**	**21**
Acenaphthylene	**2100**	**81**	**ug/kg**	**23**
Acetophenone	ND	400	ug/kg	24
Anthracene	**4400**	**81**	**ug/kg**	**23**
Atrazine	ND	400	ug/kg	28
Benzo(a)anthracene	**2400**	**81**	**ug/kg**	**16**
Benzo(a)pyrene	**1800**	**81**	**ug/kg**	**12**
Benzo(b)fluoranthene	**1500 J**	**81**	**ug/kg**	**16**
Benzo(ghi)perylene	**840**	**81**	**ug/kg**	**14**
Benzo(k)fluoranthene	ND	81	ug/kg	13
Benzaldehyde	ND 400 UJ	400	ug/kg	43
1,1'-Biphenyl	**1600**	**400**	**ug/kg**	**22**
bis(2-Chloroethoxy) methane	ND	400	ug/kg	19
bis(2-Chloroethyl)-ether	ND	81	ug/kg	9.1
bis(2-Ethylhexyl) phthalate	ND	400	ug/kg	31
4-Bromophenyl phenyl ether	ND	400	ug/kg	18
Butyl benzyl phthalate	ND	400	ug/kg	32
Caprolactam	ND	2100	ug/kg	76
Carbazole	**90**	**81**	**ug/kg**	**17**
4-Chloroaniline	ND	400	ug/kg	35
4-Chloro-3-methylphenol	ND	400	ug/kg	25
2-Chloronaphthalene	ND	81	ug/kg	23
2-Chlorophenol	ND	400	ug/kg	20
4-Chlorophenyl phenyl ether	ND	400	ug/kg	20
Chrysene	**2400**	**81**	**ug/kg**	**16**
Dibenz(a,h)anthracene	**230**	**81**	**ug/kg**	**26**
Dibenzofuran	**500**	**400**	**ug/kg**	**22**
3,3'-Dichlorobenzidine	ND	400	ug/kg	91
2,4-Dichlorophenol	ND	81	ug/kg	12
Diethyl phthalate	ND	400	ug/kg	36
2,4-Dimethylphenol	ND	400	ug/kg	17
Dimethyl phthalate	ND	400	ug/kg	23

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ENSR International

Client Sample ID: SB38(22.5-25)

GC/MS Semivolatiles

Lot-Sample #...: C8J220183-001 Work Order #...: K1CL01AD Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-butyl phthalate	ND	400	ug/kg	67
4,6-Dinitro-2-methylphenol	ND	2100	ug/kg	280
2,4-Dinitrophenol	ND	2100	ug/kg	480
2,4-Dinitrotoluene	ND	400	ug/kg	21
2,6-Dinitrotoluene	ND	400	ug/kg	26
Di-n-octyl phthalate	ND	400	ug/kg	28
Fluoranthene	**4800**	**81**	**ug/kg**	**26**
Fluorene	**4600**	**81**	**ug/kg**	**20**
Hexachlorobenzene	ND	81	ug/kg	24
Hexachlorobutadiene	ND	81	ug/kg	25
Hexachlorocyclopentadiene	ND 400 U J	400	ug/kg	19
Hexachloroethane	ND	400	ug/kg	18
Indeno(1,2,3-cd)pyrene	**580**	**81**	**ug/kg**	**14**
Isophorone	ND	400	ug/kg	22
2-Methylnaphthalene 13000	~~19000 B~~	**81**	**ug/kg**	**22**
2-Methylphenol	ND	400	ug/kg	25
4-Methylphenol	ND	400	ug/kg	25
Naphthalene 31000	~~22000 B~~	**81**	**ug/kg**	**20**
2-Nitroaniline	ND	2100	ug/kg	24
3-Nitroaniline	ND	2100	ug/kg	35
4-Nitroaniline	ND	2100	ug/kg	17
Nitrobenzene	ND	81	ug/kg	10
2-Nitrophenol	ND	400	ug/kg	32
4-Nitrophenol	ND	2100	ug/kg	31
N-Nitrosodi-n-propylamine	ND	81	ug/kg	9.9
N-Nitrosodiphenylamine	ND	81	ug/kg	22
2,2'-oxybis (1-Chloropropane)	ND	81	ug/kg	24
Pentachlorophenol	ND	400	ug/kg	30
Phenanthrene	**15000**	**81**	**ug/kg**	**19**
Phenol	ND	81	ug/kg	24
Pyrene	**6400**	**81**	**ug/kg**	**25**
2,4,5-Trichlorophenol	ND	400	ug/kg	33
2,4,6-Trichlorophenol	ND	400	ug/kg	33

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ENSR International

Client Sample ID: SB38(22.5-25)

GC/MS Semivolatiles

Lot-Sample #...: C8J220183-001 Work Order #...: K1CL01AD Matrix.....: SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	63	(50 - 124)
2-Fluorobiphenyl	60	(49 - 105)
2-Fluorophenol	56	(39 - 103)
Nitrobenzene-d5	54	(25 - 104)
Phenol-d5	63	(25 - 105)
Terphenyl-d14	74	(25 - 127)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

E Estimated result. Result concentration exceeds the calibration range.

ENSR International

Client Sample ID: SB38(22.5-25)

GC/MS Semivolatiles

Lot-Sample #...:	C8J220183-001	**Work Order #...:**	K1CL02AD	**Matrix.....:**	SO
Date Sampled...:	10/16/08 09:30	**Date Received..:**	10/21/08 10:00	**MS Run #.....:**	8298003
Prep Date.....:	10/24/08	**Analysis Date..:**	10/28/08		
Prep Batch #...:	8298011	**Analysis Time..:**	02:28		
Dilution Factor:	5	**Initial Wgt/Vol:**	15 g	**Final Wgt/Vol..:**	5 mL
% Moisture.....:	18	**Analyst ID.....:**	003200	**Instrument ID..:**	733
		Method.....:	SW846 8270C		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	**5200**	**410**	**ug/kg**	**100**
Acenaphthylene	**2000**	**410**	**ug/kg**	**120**
Acetophenone	ND	2000	ug/kg	120
Anthracene	**4300**	**410**	**ug/kg**	**110**
Atrazine	ND	2000	ug/kg	140
Benzo(a)anthracene	**2500**	**410**	**ug/kg**	**80**
Benzo(a)pyrene	**1700**	**410**	**ug/kg**	**62**
Benzo(b)fluoranthene	**1500**	**410**	**ug/kg**	**78**
Benzo(ghi)perylene	**610**	**410**	**ug/kg**	**69**
Benzo(k)fluoranthene	ND	410	ug/kg	65
Benzaldehyde	ND	2000	ug/kg	210
1,1'-Biphenyl	**1600 J**	**2000**	**ug/kg**	**110**
bis(2-Chloroethoxy) methane	ND	2000	ug/kg	94
bis(2-Chloroethyl)-ether	ND	410	ug/kg	45
bis(2-Ethylhexyl) phthalate	ND	2000	ug/kg	150
4-Bromophenyl phenyl ether	ND	2000	ug/kg	90
Butyl benzyl phthalate	ND	2000	ug/kg	160
Caprolactam	ND	10000	ug/kg	380
Carbazole	**110 J**	**410**	**ug/kg**	**83**
4-Chloroaniline	ND	2000	ug/kg	170
4-Chloro-3-methylphenol	ND	2000	ug/kg	120
2-Chloronaphthalene	ND	410	ug/kg	120
2-Chlorophenol	ND	2000	ug/kg	100
4-Chlorophenyl phenyl ether	ND	2000	ug/kg	100
Chrysene	**2300**	**410**	**ug/kg**	**80**
Dibenz(a,h)anthracene	**500**	**410**	**ug/kg**	**130**
Dibenzofuran	ND	2000	ug/kg	110
3,3'-Dichlorobenzidine	ND	2000	ug/kg	450
2,4-Dichlorophenol	ND	410	ug/kg	60
Diethyl phthalate	ND	2000	ug/kg	180
2,4-Dimethylphenol	ND	2000	ug/kg	87
Dimethyl phthalate	ND	2000	ug/kg	110

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ENSR International

Client Sample ID: SB38(22.5-25)

GC/MS Semivolatiles

Lot-Sample #...: C8J220183-001 Work Order #...: K1CL02AD Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-butyl phthalate	ND	2000	ug/kg	330
4,6-Dinitro-2-methylphenol	ND	10000	ug/kg	1400
2,4-Dinitrophenol	ND	10000	ug/kg	2400
2,4-Dinitrotoluene	ND	2000	ug/kg	100
2,6-Dinitrotoluene	ND	2000	ug/kg	130
Di-n-octyl phthalate	ND	2000	ug/kg	140
Fluoranthene	**4800**	**410**	**ug/kg**	**130**
Fluorene	**4700**	**410**	**ug/kg**	**98**
Hexachlorobenzene	ND	410	ug/kg	120
Hexachlorobutadiene	ND	410	ug/kg	120
Hexachlorocyclopentadiene	ND	2000	ug/kg	93
Hexachloroethane	ND	2000	ug/kg	90
Indeno(1,2,3-cd)pyrene	**730**	**410**	**ug/kg**	**72**
Isophorone	ND	2000	ug/kg	110
2-Methylnaphthalene	**18000**	**410**	**ug/kg**	**110**
2-Methylphenol	ND	2000	ug/kg	130
4-Methylphenol	ND	2000	ug/kg	130
Naphthalene	**31000**	**410**	**ug/kg**	**98**
2-Nitroaniline	ND	10000	ug/kg	120
3-Nitroaniline	ND	10000	ug/kg	170
4-Nitroaniline	ND	10000	ug/kg	85
Nitrobenzene	ND	410	ug/kg	50
2-Nitrophenol	ND	2000	ug/kg	160
4-Nitrophenol	ND	10000	ug/kg	160
N-Nitrosodi-n-propylamine	ND	410	ug/kg	49
N-Nitrosodiphenylamine	ND	410	ug/kg	110
2,2'-oxybis(1-Chloropropane)	ND	410	ug/kg	120
Pentachlorophenol	ND	2000	ug/kg	150
Phenanthrene	**15000**	**410**	**ug/kg**	**97**
Phenol	ND	410	ug/kg	120
Pyrene	**6300**	**410**	**ug/kg**	**120**
2,4,5-Trichlorophenol	ND	2000	ug/kg	170
2,4,6-Trichlorophenol	ND	2000	ug/kg	160

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ENSR International

Client Sample ID: SB38(22.5-25)

GC/MS Semivolatiles

Lot-Sample #...: C8J220183-001 Work Order #...: K1CL02AD Matrix.....: SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	37 *	(50 - 124)
2-Fluorobiphenyl	59	(49 - 105)
2-Fluorophenol	55	(39 - 103)
Nitrobenzene-d5	55	(25 - 104)
Phenol-d5	61	(25 - 105)
Terphenyl-d14	73	(25 - 127)

NOTE(S):

* Surrogate recovery is outside stated control limits.

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

ENSR International

Client Sample ID: SB38(22.5-25)

TOTAL Metals

Lot-Sample #...: C8J220183-001 Matrix.....: SO
Date Sampled...: 10/16/08 Date Received..: 10/21/08
% Moisture.....: 18

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8303105						
Silver	~~0.12 B,J~~ 0.61U	0.61	mg/kg	SW846 6010B	10/29-10/31/08	K1CL01AE
		Dilution Factor: 1		Analysis Time..: 05:27	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8303067	MDL.....: 0.080	
Aluminum	4170	24.3	mg/kg	SW846 6010B	10/29-10/31/08	K1CL01AF
		Dilution Factor: 1		Analysis Time..: 05:27	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8303067	MDL.....: 2.9	
Arsenic	2.0	1.2	mg/kg	SW846 6010B	10/29-10/31/08	K1CL01AG
		Dilution Factor: 1		Analysis Time..: 05:27	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8303067	MDL.....: 0.35	
Barium	24.8	24.3	mg/kg	SW846 6010B	10/29-10/31/08	K1CL01AH
		Dilution Factor: 1		Analysis Time..: 05:27	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8303067	MDL.....: 0.096	
Beryllium	~~0.43 B,J~~ 0.49U	0.49	mg/kg	SW846 6010B	10/29-10/31/08	K1CL01AJ
		Dilution Factor: 1		Analysis Time..: 05:27	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8303067	MDL.....: 0.018	
Calcium	27300	608	mg/kg	SW846 6010B	10/29-10/31/08	K1CL01AK
		Dilution Factor: 1		Analysis Time..: 05:27	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8303067	MDL.....: 2.1	
Cadmium	~~0.22 B,J~~ 0.61U	0.61	mg/kg	SW846 6010B	10/29-10/31/08	K1CL01AL
		Dilution Factor: 1		Analysis Time..: 05:27	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8303067	MDL.....: 0.026	
Cobalt	4.3 ~~B~~ J	6.1	mg/kg	SW846 6010B	10/29-10/31/08	K1CL01AM
		Dilution Factor: 1		Analysis Time..: 05:27	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8303067	MDL.....: 0.099	
Chromium	6.5	0.61	mg/kg	SW846 6010B	10/29-10/31/08	K1CL01AN
		Dilution Factor: 1		Analysis Time..: 05:27	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8303067	MDL.....: 0.068	

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ENSR International

Client Sample ID: SB38(22.5-25)

TOTAL Metals

Lot-Sample #...: C8J220183-001 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Copper	11.2	3.0	mg/kg	SW846 6010B	10/29-10/31/08	K1CL01AP
		Dilution Factor: 1		Analysis Time..: 05:27	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8303067	MDL.....: 0.32	
Iron	9710	12.2	mg/kg	SW846 6010B	10/29-10/31/08	K1CL01AQ
		Dilution Factor: 1		Analysis Time..: 05:27	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8303067	MDL.....: 1.6	
Potassium	722	608	mg/kg	SW846 6010B	10/29-10/31/08	K1CL01AR
		Dilution Factor: 1		Analysis Time..: 05:27	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8303067	MDL.....: 91.2	
Magnesium	6820	608	mg/kg	SW846 6010B	10/29-10/31/08	K1CL01AT
		Dilution Factor: 1		Analysis Time..: 05:27	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8303067	MDL.....: 2.5	
Manganese	224	1.8	mg/kg	SW846 6010B	10/29-10/31/08	K1CL01AU
		Dilution Factor: 1		Analysis Time..: 05:27	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8303067	MDL.....: 0.074	
Sodium	313 B J	608	mg/kg	SW846 6010B	10/29-10/31/08	K1CL01AV
		Dilution Factor: 1		Analysis Time..: 05:27	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8303067	MDL.....: 17.6	
Nickel	9.7	4.9	mg/kg	SW846 6010B	10/29-10/31/08	K1CL01AW
		Dilution Factor: 1		Analysis Time..: 05:27	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8303067	MDL.....: 0.17	
Lead	4.1	0.36	mg/kg	SW846 6010B	10/29-10/31/08	K1CL01AX
		Dilution Factor: 1		Analysis Time..: 05:27	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8303067	MDL.....: 0.19	
Selenium	ND	0.61	mg/kg	SW846 6010B	10/29-10/31/08	K1CL01A0
		Dilution Factor: 1		Analysis Time..: 05:27	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8303067	MDL.....: 0.21	
Thallium	ND	1.2	mg/kg	SW846 6010B	10/29-10/31/08	K1CL01A1
		Dilution Factor: 1		Analysis Time..: 05:27	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8303067	MDL.....: 0.37	

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ENSR International

Client Sample ID: SB38(22.5-25)

TOTAL Metals

Lot-Sample #...: C8J220183-001 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	ND	1.2	mg/kg	SW846 6010B	10/29-10/31/08	K1CL01A2
		Dilution Factor: 1		Analysis Time..: 05:27	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8303067	MDL.....: 0.26	
Vanadium	**10.5**	**6.1**	**mg/kg**	**SW846 6010B**	**10/29-10/31/08**	**K1CL01A3**
		Dilution Factor: 1		Analysis Time..: 05:27	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8303067	MDL.....: 0.29	
Zinc	**29.1 J**	**2.4**	**mg/kg**	**SW846 6010B**	**10/29-10/31/08**	**K1CL01A4**
		Dilution Factor: 1		Analysis Time..: 05:27	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8303067	MDL.....: 0.23	
Prep Batch #...: 8304032						
Mercury	**0.0091 B J**	**0.040**	**mg/kg**	**SW846 7471A**	**10/30/08**	**K1CL01A5**
		Dilution Factor: 1		Analysis Time..: 10:01	Analyst ID.....: 031043	
		Instrument ID..: HGHYDRA		MS Run #.....: 8304020	MDL.....: 0.0030	

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.

ENSR International

Client Sample ID: SB38(45-47.5)

GC/MS Volatiles

Lot-Sample #...:	C8J220183-002	**Work Order #...:**	K1CL31AK	**Matrix.....:**	SO
Date Sampled...:	10/16/08	**Date Received..:**	10/21/08	**MS Run #.....:**	8303368
Prep Date.....:	10/29/08	**Analysis Date..:**	10/30/08		
Prep Batch #...:	8303599	**Analysis Time..:**	01:52		
Dilution Factor:	1	**Initial Wgt/Vol:**	5 g	**Final Wgt/Vol..:**	5 mL
% Moisture.....:	16	**Analyst ID.....:**	403419	**Instrument ID..:**	HP3
		Method.....:	SW846 8260B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND 24 U J	24	ug/kg	6.0
Benzene	ND	6.0	ug/kg	0.80
Bromodichloromethane	ND	6.0	ug/kg	0.67
Bromoform	ND	6.0	ug/kg	0.53
Bromomethane	ND	6.0	ug/kg	0.88
2-Butanone	ND	6.0	ug/kg	1.1
Carbon disulfide	ND	6.0	ug/kg	0.61
Carbon tetrachloride	ND	6.0	ug/kg	0.53
Chlorobenzene	ND	6.0	ug/kg	0.90
Chloroethane	ND	6.0	ug/kg	1.8
Chloroform	ND	6.0	ug/kg	0.70
Chloromethane	ND	6.0	ug/kg	1.0
Cyclohexane	ND	6.0	ug/kg	0.44
Dibromochloromethane	ND	6.0	ug/kg	0.85
1,2-Dibromo-3-chloro-propane	ND	6.0	ug/kg	0.89
1,2-Dibromoethane	ND	6.0	ug/kg	1.0
1,3-Dichlorobenzene	ND	6.0	ug/kg	0.78
1,4-Dichlorobenzene	ND	6.0	ug/kg	0.76
1,2-Dichlorobenzene	ND	6.0	ug/kg	0.95
Dichlorodifluoromethane	ND	6.0	ug/kg	0.79
1,1-Dichloroethane	ND	6.0	ug/kg	0.69
1,2-Dichloroethane	ND	6.0	ug/kg	0.73
1,1-Dichloroethene	ND	6.0	ug/kg	1.0
cis-1,2-Dichloroethene	ND	6.0	ug/kg	0.84
trans-1,2-Dichloroethene	ND	6.0	ug/kg	0.71
1,2-Dichloropropane	ND	6.0	ug/kg	0.65
cis-1,3-Dichloropropene	ND	6.0	ug/kg	0.81
trans-1,3-Dichloropropene	ND	6.0	ug/kg	0.71
Ethylbenzene	ND	6.0	ug/kg	0.77
2-Hexanone	ND	6.0	ug/kg	0.82
Isopropylbenzene	ND	6.0	ug/kg	0.81
Methyl acetate	ND	6.0	ug/kg	1.1
Methylene chloride	~~1.3 J,B~~ 6.0 U	**6.0**	**ug/kg**	**0.80**
Methylcyclohexane	ND	6.0	ug/kg	0.86
4-Methyl-2-pentanone	ND	6.0	ug/kg	0.78
Methyl tert-butyl ether	ND	6.0	ug/kg	0.89

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ENSR International

Client Sample ID: SB38(45-47.5)

GC/MS Volatiles

Lot-Sample #...: C8J220183-002 **Work Order #...:** K1CL31AK **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Styrene	ND	6.0	ug/kg	0.63
1,1,2,2-Tetrachloroethane	ND	6.0	ug/kg	0.86
1,2,4-Trichloro-benzene	ND	6.0	ug/kg	1.1
Tetrachloroethene	ND	6.0	ug/kg	0.81
1,1,1-Trichloroethane	ND	6.0	ug/kg	0.58
1,1,2-Trichloroethane	ND	6.0	ug/kg	0.99
Trichloroethene	ND	6.0	ug/kg	0.78
Trichlorofluoromethane	ND	6.0	ug/kg	1.1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	6.0	ug/kg	1.3
Vinyl chloride	ND	6.0	ug/kg	0.56
Xylenes (total)	ND	18	ug/kg	2.7
Toluene	ND	6.0	ug/kg	0.87

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	93	(52 - 124)
Toluene-d8	112	(72 - 127)
4-Bromofluorobenzene	105	(63 - 120)
Dibromofluoromethane	96	(68 - 121)

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.

ENSR International

Client Sample ID: SB38(45-47.5)

GC/MS Semivolatiles

Lot-Sample #...:	C8J220183-002	**Work Order #...:**	K1CL31AL	**Matrix.....:**	SO
Date Sampled...:	10/16/08 14:00	**Date Received..:**	10/21/08 10:00	**MS Run #.....:**	8298003
Prep Date.....:	10/24/08	**Analysis Date..:**	10/27/08		
Prep Batch #...:	8298011	**Analysis Time..:**	04:58		
Dilution Factor:	0.99	**Initial Wgt/Vol:**	15.2 g	**Final Wgt/Vol..:**	5 mL
% Moisture.....:	16	**Analyst ID.....:**	003200	**Instrument ID..:**	733
		Method.....:	SW846 8270C		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	79	ug/kg	20
Acenaphthylene	ND	79	ug/kg	23
Acetophenone	ND	390	ug/kg	24
Anthracene	ND	79	ug/kg	22
Atrazine	ND	390	ug/kg	27
Benzo(a)anthracene	ND	79	ug/kg	15
Benzo(a)pyrene	ND	79	ug/kg	12
Benzo(b)fluoranthene	ND 79 u J	79	ug/kg	15
Benzo(ghi)perylene	ND	79	ug/kg	13
Benzo(k)fluoranthene	ND	79	ug/kg	13
Benzaldehyde	ND 390 u J	390	ug/kg	42
1,1'-Biphenyl	ND	390	ug/kg	22
bis(2-Chloroethoxy) methane	ND	390	ug/kg	18
bis(2-Chloroethyl)-ether	ND	79	ug/kg	8.8
bis(2-Ethylhexyl) phthalate	ND	390	ug/kg	30
4-Bromophenyl phenyl ether	ND	390	ug/kg	18
Butyl benzyl phthalate	ND	390	ug/kg	31
Caprolactam	ND	2000	ug/kg	74
Carbazole	ND	79	ug/kg	16
4-Chloroaniline	ND	390	ug/kg	34
4-Chloro-3-methylphenol	ND	390	ug/kg	24
2-Chloronaphthalene	ND	79	ug/kg	23
2-Chlorophenol	ND	390	ug/kg	20
4-Chlorophenyl phenyl ether	ND	390	ug/kg	19
Chrysene	ND	79	ug/kg	16
Dibenz(a,h)anthracene	ND	79	ug/kg	25
Dibenzofuran	ND	390	ug/kg	22
3,3'-Dichlorobenzidine	ND	390	ug/kg	88
2,4-Dichlorophenol	ND	79	ug/kg	12
Diethyl phthalate	ND	390	ug/kg	35
2,4-Dimethylphenol	ND	390	ug/kg	17
Dimethyl phthalate	ND	390	ug/kg	22

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ENSR International

Client Sample ID: SB38(45-47.5)

GC/MS Semivolatiles

Lot-Sample #...: C8J220183-002 Work Order #...: K1CL31AL Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-butyl phthalate	ND	390	ug/kg	65
4,6-Dinitro-2-methylphenol	ND	2000	ug/kg	280
2,4-Dinitrophenol	ND	2000	ug/kg	460
2,4-Dinitrotoluene	ND	390	ug/kg	20
2,6-Dinitrotoluene	ND	390	ug/kg	25
Di-n-octyl phthalate	ND	390	ug/kg	27
Fluoranthene	ND	79	ug/kg	25
Fluorene	ND	79	ug/kg	19
Hexachlorobenzene	ND	79	ug/kg	24
Hexachlorobutadiene	ND	79	ug/kg	24
Hexachlorocyclopentadiene	ND 390 U J	390	ug/kg	18
Hexachloroethane	ND	390	ug/kg	17
Indeno(1,2,3-cd)pyrene	ND	79	ug/kg	14
Isophorone	ND	390	ug/kg	22
2-Methylnaphthalene	ND	79	ug/kg	22
2-Methylphenol	ND	390	ug/kg	24
4-Methylphenol	ND	390	ug/kg	25
Naphthalene	**36 J**	**79**	**ug/kg**	**19**
2-Nitroaniline	ND	2000	ug/kg	24
3-Nitroaniline	ND	2000	ug/kg	34
4-Nitroaniline	ND	2000	ug/kg	16
Nitrobenzene	ND	79	ug/kg	9.7
2-Nitrophenol	ND	390	ug/kg	31
4-Nitrophenol	ND	2000	ug/kg	30
N-Nitrosodi-n-propylamine	ND	79	ug/kg	9.6
N-Nitrosodiphenylamine	ND	79	ug/kg	21
2,2'-oxybis(1-Chloropropane)	ND	79	ug/kg	23
Pentachlorophenol	ND	390	ug/kg	29
Phenanthrene	**28 J**	**79**	**ug/kg**	**19**
Phenol	ND	79	ug/kg	24
Pyrene	ND	79	ug/kg	24
2,4,5-Trichlorophenol	ND	390	ug/kg	32
2,4,6-Trichlorophenol	ND	390	ug/kg	32

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KNSR International

Client Sample ID: SB38(45-47.5)

GC/MS Semivolatiles

Lot-Sample #...: C8J220183-002 Work Order #...: K1CL31AL Matrix.....: SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	58	(50 - 124)
2-Fluorobiphenyl	62	(49 - 105)
2-Fluorophenol	61	(39 - 103)
Nitrobenzene-d5	58	(25 - 104)
Phenol-d5	63	(25 - 105)
Terphenyl-d14	68	(25 - 127)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

ENSR International

Client Sample ID: SB38(45-47.5)

TOTAL Metals

Lot-Sample #...: C8J220183-002 Matrix.....: SO
Date Sampled...: 10/16/08 Date Received..: 10/21/08
% Moisture.....: 16

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8303105						
Silver	ND	0.60	mg/kg	SW846 6010B	10/29-10/31/08	K1CL31AM
		Dilution Factor: 1		Analysis Time..: 05:33	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8303067	MDL.....: 0.079	
Aluminum	**3280**	**23.8**	**mg/kg**	**SW846 6010B**	**10/29-10/31/08**	**K1CL31AN**
		Dilution Factor: 1		Analysis Time..: 05:33	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8303067	MDL.....: 2.9	
Arsenic	**2.1**	**1.2**	**mg/kg**	**SW846 6010B**	**10/29-10/31/08**	**K1CL31AP**
		Dilution Factor: 1		Analysis Time..: 05:33	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8303067	MDL.....: 0.34	
Barium	**18.5 B J**	**23.8**	**mg/kg**	**SW846 6010B**	**10/29-10/31/08**	**K1CL31AQ**
		Dilution Factor: 1		Analysis Time..: 05:33	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8303067	MDL.....: 0.094	
Beryllium	~~0.38 B,J~~ 0.48 U	**0.48**	**mg/kg**	**SW846 6010B**	**10/29-10/31/08**	**K1CL31AR**
		Dilution Factor: 1		Analysis Time..: 05:33	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8303067	MDL.....: 0.018	
Calcium	**35600**	**596**	**mg/kg**	**SW846 6010B**	**10/29-10/31/08**	**K1CL31AT**
		Dilution Factor: 1		Analysis Time..: 05:33	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8303067	MDL.....: 2.0	
Cadmium	~~0.19 B,J~~ 0.60 U	**0.60**	**mg/kg**	**SW846 6010B**	**10/29-10/31/08**	**K1CL31AU**
		Dilution Factor: 1		Analysis Time..: 05:33	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8303067	MDL.....: 0.025	
Cobalt	**3.3 B J**	**6.0**	**mg/kg**	**SW846 6010B**	**10/29-10/31/08**	**K1CL31AV**
		Dilution Factor: 1		Analysis Time..: 05:33	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8303067	MDL.....: 0.097	
Chromium	**5.3**	**0.60**	**mg/kg**	**SW846 6010B**	**10/29-10/31/08**	**K1CL31AW**
		Dilution Factor: 1		Analysis Time..: 05:33	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8303067	MDL.....: 0.067	

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ENSR International

Client Sample ID: SB38(45-47.5)

TOTAL Metals

Lot-Sample #...: C8J220183-002 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Copper	9.4	3.0	mg/kg	SW846 6010B	10/29-10/31/08	K1CL31AX
		Dilution Factor: 1		Analysis Time..: 05:33	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8303067	MDL.....: 0.31	
Iron	7960	11.9	mg/kg	SW846 6010B	10/29-10/31/08	K1CL31A0
		Dilution Factor: 1		Analysis Time..: 05:33	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8303067	MDL.....: 1.5	
Potassium	528 B J	596	mg/kg	SW846 6010B	10/29-10/31/08	K1CL31A1
		Dilution Factor: 1		Analysis Time..: 05:33	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8303067	MDL.....: 89.4	
Magnesium	4700	596	mg/kg	SW846 6010B	10/29-10/31/08	K1CL31A2
		Dilution Factor: 1		Analysis Time..: 05:33	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8303067	MDL.....: 2.5	
Manganese	153	1.8	mg/kg	SW846 6010B	10/29-10/31/08	K1CL31A3
		Dilution Factor: 1		Analysis Time..: 05:33	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8303067	MDL.....: 0.073	
Sodium	95.4 B J	596	mg/kg	SW846 6010B	10/29-10/31/08	K1CL31A4
		Dilution Factor: 1		Analysis Time..: 05:33	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8303067	MDL.....: 17.3	
Nickel	8.2	4.8	mg/kg	SW846 6010B	10/29-10/31/08	K1CL31A5
		Dilution Factor: 1		Analysis Time..: 05:33	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8303067	MDL.....: 0.17	
Lead	3.5	0.36	mg/kg	SW846 6010B	10/29-10/31/08	K1CL31A6
		Dilution Factor: 1		Analysis Time..: 05:33	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8303067	MDL.....: 0.19	
Selenium	ND	0.60	mg/kg	SW846 6010B	10/29-10/31/08	K1CL31AA
		Dilution Factor: 1		Analysis Time..: 05:33	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8303067	MDL.....: 0.21	
Thallium	ND	1.2	mg/kg	SW846 6010B	10/29-10/31/08	K1CL31AC
		Dilution Factor: 1		Analysis Time..: 05:33	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8303067	MDL.....: 0.37	

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ENSR International

Client Sample ID: SB38(45-47.5)

TOTAL Metals

Lot-Sample #...: C8J220183-002 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	ND	1.2	mg/kg	SW846 6010B	10/29-10/31/08	K1CL31AD
		Dilution Factor: 1		Analysis Time..: 05:33	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8303067	MDL.....: 0.25	
Vanadium	**8.1**	**6.0**	**mg/kg**	**SW846 6010B**	**10/29-10/31/08**	**K1CL31AE**
		Dilution Factor: 1		Analysis Time..: 05:33	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8303067	MDL.....: 0.29	
Zinc	**27.1 J**	**2.4**	**mg/kg**	**SW846 6010B**	**10/29-10/31/08**	**K1CL31AF**
		Dilution Factor: 1		Analysis Time..: 05:33	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8303067	MDL.....: 0.22	
Prep Batch #...: 8304032						
Mercury	**0.0066 ~~B~~ J**	**0.039**	**mg/kg**	**SW846 7471A**	**10/30/08**	**K1CL31AG**
		Dilution Factor: 1		Analysis Time..: 10:06	Analyst ID.....: 031043	
		Instrument ID..: HGHYDRA		MS Run #.....: 8304020	MDL.....: 0.0030	

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.

ENSR International

Client Sample ID: SB39(32.5-35)

GC/MS Volatiles

Lot-Sample #...: C8J220183-005	**Work Order #...:** K1CMD1AK	**Matrix.....:** SO
Date Sampled...: 10/20/08	**Date Received..:** 10/21/08	**MS Run #.....:** 8303368
Prep Date.....: 10/29/08	**Analysis Date..:** 10/30/08	
Prep Batch #...: 8303599	**Analysis Time..:** 03:32	
Dilution Factor: 5	**Initial Wgt/Vol:** 1 g	**Final Wgt/Vol..:** 5 mL
% Moisture.....: 16	**Analyst ID.....:** 403419	**Instrument ID..:** HP3
	Method.....: SW846 8260B	

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND 120 UJ	120	ug/kg	30
Benzene	ND	30	ug/kg	4.0
Bromodichloromethane	ND	30	ug/kg	3.4
Bromoform	ND	30	ug/kg	2.6
Bromomethane	ND	30	ug/kg	4.4
2-Butanone	ND	30	ug/kg	5.3
Carbon disulfide	ND	30	ug/kg	3.1
Carbon tetrachloride	ND	30	ug/kg	2.7
Chlorobenzene	ND	30	ug/kg	4.5
Chloroethane	ND	30	ug/kg	9.3
Chloroform	ND	30	ug/kg	3.5
Chloromethane	ND	30	ug/kg	5.1
Cyclohexane	ND	30	ug/kg	2.2
Dibromochloromethane	ND	30	ug/kg	4.2
1,2-Dibromo-3-chloro-propane	ND	30	ug/kg	4.5
1,2-Dibromoethane	ND	30	ug/kg	5.2
1,3-Dichlorobenzene	ND	30	ug/kg	3.9
1,4-Dichlorobenzene	ND	30	ug/kg	3.8
1,2-Dichlorobenzene	ND	30	ug/kg	4.8
Dichlorodifluoromethane	ND	30	ug/kg	4.0
1,1-Dichloroethane	ND	30	ug/kg	3.4
1,2-Dichloroethane	ND	30	ug/kg	3.7
1,1-Dichloroethene	ND	30	ug/kg	5.1
cis-1,2-Dichloroethene	ND	30	ug/kg	4.2
trans-1,2-Dichloroethene	ND	30	ug/kg	3.6
1,2-Dichloropropane	ND	30	ug/kg	3.2
cis-1,3-Dichloropropene	ND	30	ug/kg	4.1
trans-1,3-Dichloropropene	ND	30	ug/kg	3.6
Ethylbenzene	**1300**	**30**	**ug/kg**	**3.8**
2-Hexanone	ND	30	ug/kg	4.1
Isopropylbenzene	**380**	**30**	**ug/kg**	**4.1**
Methyl acetate	ND	30	ug/kg	5.4
Methylene chloride	~~5.3 J,B~~ 30 U	**30**	**ug/kg**	**4.0**
Methylcyclohexane	ND	30	ug/kg	4.3
4-Methyl-2-pentanone	ND	30	ug/kg	3.9
Methyl tert-butyl ether	ND	30	ug/kg	4.5

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ENSR International

Client Sample ID: SB39(32.5-35)

GC/MS Volatiles

Lot-Sample #...: C8J220183-005 **Work Order #...:** K1CMD1AK **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Styrene	ND	30	ug/kg	3.2
1,1,2,2-Tetrachloroethane	ND	30	ug/kg	4.3
1,2,4-Trichloro-benzene	ND	30	ug/kg	5.3
Tetrachloroethene	ND	30	ug/kg	4.1
1,1,1-Trichloroethane	ND	30	ug/kg	2.9
1,1,2-Trichloroethane	ND	30	ug/kg	5.0
Trichloroethene	ND	30	ug/kg	3.9
Trichlorofluoromethane	ND	30	ug/kg	5.5
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	30	ug/kg	6.4
Vinyl chloride	ND	30	ug/kg	2.8
Xylenes (total)	**2500**	**90**	**ug/kg**	**13**
Toluene	**13 J**	**30**	**ug/kg**	**4.4**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	86	(52 - 124)
Toluene-d8	114	(72 - 127)
4-Bromofluorobenzene	101	(63 - 120)
Dibromofluoromethane	92	(68 - 121)

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.

ENSR International

Client Sample ID: SB39(32.5-35)

GC/MS Semivolatiles

Lot-Sample #...:	C8J220183-005	**Work Order #...:**	K1CMD1AL	**Matrix.....:**	SO
Date Sampled...:	10/20/08 13:50	**Date Received..:**	10/21/08 10:00	**MS Run #.....:**	8298003
Prep Date.....:	10/24/08	**Analysis Date..:**	10/27/08		
Prep Batch #...:	8298011	**Analysis Time..:**	06:00		
Dilution Factor:	2	**Initial Wgt/Vol:**	15 g	**Final Wgt/Vol..:**	5 mL
% Moisture.....:	16	**Analyst ID.....:**	003200	**Instrument ID..:**	733
		Method.....:	SW846 8270C		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	**9400**	**160**	**ug/kg**	**41**
Acenaphthylene	**2200**	**160**	**ug/kg**	**46**
Acetophenone	ND	790	ug/kg	48
Anthracene	**6000**	**160**	**ug/kg**	**45**
Atrazine	ND	790	ug/kg	55
Benzo(a)anthracene	**3800**	**160**	**ug/kg**	**31**
Benzo(a)pyrene	**2800**	**160**	**ug/kg**	**24**
Benzo(b)fluoranthene	**2200 J**	**160**	**ug/kg**	**31**
Benzo(ghi)perylene	**1300**	**160**	**ug/kg**	**27**
Benzo(k)fluoranthene	ND	160	ug/kg	25
Benzaldehyde	ND 790 U J	790	ug/kg	84
1,1'-Biphenyl	**2400**	**790**	**ug/kg**	**44**
bis(2-Chloroethoxy) methane	ND	790	ug/kg	37
bis(2-Chloroethyl)-ether	ND	160	ug/kg	18
bis(2-Ethylhexyl) phthalate	ND	790	ug/kg	61
4-Bromophenyl phenyl ether	ND	790	ug/kg	36
Butyl benzyl phthalate	ND	790	ug/kg	64
Caprolactam	ND	4100	ug/kg	150
Carbazole	**96 J**	**160**	**ug/kg**	**33**
4-Chloroaniline	ND	790	ug/kg	68
4-Chloro-3-methylphenol	ND	790	ug/kg	48
2-Chloronaphthalene	ND	160	ug/kg	46
2-Chlorophenol	ND	790	ug/kg	40
4-Chlorophenyl phenyl ether	ND	790	ug/kg	39
Chrysene	**3100**	**160**	**ug/kg**	**31**
Dibenz(a,h)anthracene	**420**	**160**	**ug/kg**	**50**
Dibenzofuran	**560 J**	**790**	**ug/kg**	**44**
3,3'-Dichlorobenzidine	ND	790	ug/kg	180
2,4-Dichlorophenol	ND	160	ug/kg	24
Diethyl phthalate	ND	790	ug/kg	71
2,4-Dimethylphenol	ND	790	ug/kg	34
Dimethyl phthalate	ND	790	ug/kg	45

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ENSR International

Client Sample ID: SB39(32.5-35)

GC/MS Semivolatiles

Lot-Sample #...: C8J220183-005 Work Order #...: K1CMD1AL Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-butyl phthalate	ND	790	ug/kg	130
4,6-Dinitro-2-methylphenol	ND	4100	ug/kg	560
2,4-Dinitrophenol	ND	4100	ug/kg	940
2,4-Dinitrotoluene	ND	790	ug/kg	41
2,6-Dinitrotoluene	ND	790	ug/kg	51
Di-n-octyl phthalate	ND	790	ug/kg	55
Fluoranthene	**6500**	**160**	**ug/kg**	**51**
Fluorene	**5600**	**160**	**ug/kg**	**38**
Hexachlorobenzene	ND	160	ug/kg	48
Hexachlorobutadiene	ND	160	ug/kg	49
Hexachlorocyclopentadiene	ND 790 U	790	ug/kg	36
Hexachloroethane	ND	790	ug/kg	35
Indeno(1,2,3-cd)pyrene	**940**	**160**	**ug/kg**	**28**
Isophorone	ND	790	ug/kg	44
2-Methylnaphthalene	**28000**	**160**	**ug/kg**	**44**
2-Methylphenol	ND	790	ug/kg	50
4-Methylphenol	ND	790	ug/kg	50
Naphthalene 59000	~~43000 E~~	**160**	**ug/kg**	**38**
2-Nitroaniline	ND	4100	ug/kg	48
3-Nitroaniline	ND	4100	ug/kg	68
4-Nitroaniline	ND	4100	ug/kg	33
Nitrobenzene	ND	160	ug/kg	20
2-Nitrophenol	ND	790	ug/kg	63
4-Nitrophenol	ND	4100	ug/kg	62
N-Nitrosodi-n-propylamine	ND	160	ug/kg	19
N-Nitrosodiphenylamine	ND	160	ug/kg	43
2,2'-oxybis (1-Chloropropane)	ND	160	ug/kg	48
Pentachlorophenol	ND	790	ug/kg	59
Phenanthrene	**20000**	**160**	**ug/kg**	**38**
Phenol	ND	160	ug/kg	48
Pyrene	**9500**	**160**	**ug/kg**	**48**
2,4,5-Trichlorophenol	ND	790	ug/kg	65
2,4,6-Trichlorophenol	ND	790	ug/kg	64

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ENSR International

Client Sample ID: SB39(32.5-35)

GC/MS Semivolatiles

Lot-Sample #...: C8J220183-005 Work Order #...: K1CMD1AL Matrix.....: SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	65	(50 - 124)
2-Fluorobiphenyl	62	(49 - 105)
2-Fluorophenol	57	(39 - 103)
Nitrobenzene-d5	56	(25 - 104)
Phenol-d5	62	(25 - 105)
Terphenyl-d14	75	(25 - 127)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

E Estimated result. Result concentration exceeds the calibration range.

ENSR International

Client Sample ID: SB39(32.5-35)

GC/MS Semivolatiles

Lot-Sample #...:	C8J220183-005	**Work Order #...:**	K1CMD2AL	**Matrix.....:**	SO
Date Sampled...:	10/20/08 13:50	**Date Received..:**	10/21/08 10:00	**MS Run #.....:**	8298003
Prep Date.....:	10/24/08	**Analysis Date..:**	10/28/08		
Prep Batch #...:	8298011	**Analysis Time..:**	02:47		
Dilution Factor:	10	**Initial Wgt/Vol:**	15 g	**Final Wgt/Vol..:**	5 mL
% Moisture.....:	16	**Analyst ID.....:**	003200	**Instrument ID..:**	733
		Method.....:	SW846 8270C		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	**8800**	**800**	**ug/kg**	**210**
Acenaphthylene	**2100**	**800**	**ug/kg**	**230**
Acetophenone	ND	3900	ug/kg	240
Anthracene	**5400**	**800**	**ug/kg**	**230**
Atrazine	ND	3900	ug/kg	270
Benzo(a)anthracene	**3500**	**800**	**ug/kg**	**160**
Benzo(a)pyrene	**2600**	**800**	**ug/kg**	**120**
Benzo(b)fluoranthene	**2100**	**800**	**ug/kg**	**150**
Benzo(ghi)perylene	**890**	**800**	**ug/kg**	**130**
Benzo(k)fluoranthene	ND	800	ug/kg	130
Benzaldehyde	ND	3900	ug/kg	420
1,1'-Biphenyl	**2300 J**	**3900**	**ug/kg**	**220**
bis(2-Chloroethoxy) methane	ND	3900	ug/kg	180
bis(2-Chloroethyl)-ether	ND	800	ug/kg	89
bis(2-Ethylhexyl) phthalate	ND	3900	ug/kg	300
4-Bromophenyl phenyl ether	ND	3900	ug/kg	180
Butyl benzyl phthalate	ND	3900	ug/kg	320
Caprolactam	ND	20000	ug/kg	750
Carbazole	ND	800	ug/kg	160
4-Chloroaniline	ND	3900	ug/kg	340
4-Chloro-3-methylphenol	ND	3900	ug/kg	240
2-Chloronaphthalene	ND	800	ug/kg	230
2-Chlorophenol	ND	3900	ug/kg	200
4-Chlorophenyl phenyl ether	ND	3900	ug/kg	200
Chrysene	**2900**	**800**	**ug/kg**	**160**
Dibenz(a,h)anthracene	**740 J**	**800**	**ug/kg**	**250**
Dibenzofuran	ND	3900	ug/kg	220
3,3'-Dichlorobenzidine	ND	3900	ug/kg	890
2,4-Dichlorophenol	ND	800	ug/kg	120
Diethyl phthalate	ND	3900	ug/kg	350
2,4-Dimethylphenol	ND	3900	ug/kg	170
Dimethyl phthalate	ND	3900	ug/kg	220

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ENSR International

Client Sample ID: SB39(32.5-35)

GC/MS Semivolatiles

Lot-Sample #...: C8J220183-005 Work Order #...: K1CMD2AL Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-butyl phthalate	ND	3900	ug/kg	660
4,6-Dinitro-2-methylphenol	ND	20000	ug/kg	2800
2,4-Dinitrophenol	ND	20000	ug/kg	4700
2,4-Dinitrotoluene	ND	3900	ug/kg	200
2,6-Dinitrotoluene	ND	3900	ug/kg	260
Di-n-octyl phthalate	ND	3900	ug/kg	280
Fluoranthene	**6300**	**800**	**ug/kg**	**260**
Fluorene	**5400**	**800**	**ug/kg**	**190**
Hexachlorobenzene	ND	800	ug/kg	240
Hexachlorobutadiene	ND	800	ug/kg	240
Hexachlorocyclopentadiene	ND	3900	ug/kg	180
Hexachloroethane	ND	3900	ug/kg	180
Indeno(1,2,3-cd)pyrene	**1300**	**800**	**ug/kg**	**140**
Isophorone	ND	3900	ug/kg	220
2-Methylnaphthalene	**26000**	**800**	**ug/kg**	**220**
2-Methylphenol	ND	3900	ug/kg	250
4-Methylphenol	ND	3900	ug/kg	250
Naphthalene	**58000**	**800**	**ug/kg**	**190**
2-Nitroaniline	ND	20000	ug/kg	240
3-Nitroaniline	ND	20000	ug/kg	340
4-Nitroaniline	ND	20000	ug/kg	170
Nitrobenzene	ND	800	ug/kg	99
2-Nitrophenol	ND	3900	ug/kg	320
4-Nitrophenol	ND	20000	ug/kg	310
N-Nitrosodi-n-propylamine	ND	800	ug/kg	97
N-Nitrosodiphenylamine	ND	800	ug/kg	210
2,2'-oxybis(1-Chloropropane)	ND	800	ug/kg	240
Pentachlorophenol	ND	3900	ug/kg	300
Phenanthrene	**18000**	**800**	**ug/kg**	**190**
Phenol	ND	800	ug/kg	240
Pyrene	**8500**	**800**	**ug/kg**	**240**
2,4,5-Trichlorophenol	ND	3900	ug/kg	330
2,4,6-Trichlorophenol	ND	3900	ug/kg	320

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ENSR International

Client Sample ID: SB39(32.5-35)

GC/MS Semivolatiles

Lot-Sample #...: C8J220183-005 Work Order #...: K1CMD2AL Matrix.....: SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	33 *	(50 - 124)
2-Fluorobiphenyl	57	(49 - 105)
2-Fluorophenol	51	(39 - 103)
Nitrobenzene-d5	52	(25 - 104)
Phenol-d5	56	(25 - 105)
Terphenyl-d14	68	(25 - 127)

NOTE(S):

* Surrogate recovery is outside stated control limits.

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

ENSR International

Client Sample ID: SB39(32.5-35)

TOTAL Metals

Lot-Sample #...: C8J220183-005 Matrix.....: SO
Date Sampled...: 10/20/08 Date Received..: 10/21/08
% Moisture.....: 16

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8303105						
Silver	~~0.15 B,J~~ 0.60 U	0.60	mg/kg	SW846 6010B	10/29-10/31/08	K1CMD1AM
		Dilution Factor: 1		Analysis Time..: 06:00	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8303067	MDL.....: 0.079	
Aluminum	4680	23.9	mg/kg	SW846 6010B	10/29-10/31/08	K1CMD1AN
		Dilution Factor: 1		Analysis Time..: 06:00	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8303067	MDL.....: 2.9	
Arsenic	1.5	1.2	mg/kg	SW846 6010B	10/29-10/31/08	K1CMD1AP
		Dilution Factor: 1		Analysis Time..: 06:00	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8303067	MDL.....: 0.35	
Barium	22.9 B J	23.9	mg/kg	SW846 6010B	10/29-10/31/08	K1CMD1AQ
		Dilution Factor: 1		Analysis Time..: 06:00	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8303067	MDL.....: 0.094	
Beryllium	~~0.44 B,J~~ 0.48 U	0.48	mg/kg	SW846 6010B	10/29-10/31/08	K1CMD1AR
		Dilution Factor: 1		Analysis Time..: 06:00	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8303067	MDL.....: 0.018	
Calcium	26600	598	mg/kg	SW846 6010B	10/29-10/31/08	K1CMD1AT
		Dilution Factor: 1		Analysis Time..: 06:00	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8303067	MDL.....: 2.0	
Cadmium	~~0.23 B,J~~ 0.60 U	0.60	mg/kg	SW846 6010B	10/29-10/31/08	K1CMD1AU
		Dilution Factor: 1		Analysis Time..: 06:00	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8303067	MDL.....: 0.025	
Cobalt	4.9 B J	6.0	mg/kg	SW846 6010B	10/29-10/31/08	K1CMD1AV
		Dilution Factor: 1		Analysis Time..: 06:00	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8303067	MDL.....: 0.097	
Chromium	7.3	0.60	mg/kg	SW846 6010B	10/29-10/31/08	K1CMD1AW
		Dilution Factor: 1		Analysis Time..: 06:00	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8303067	MDL.....: 0.067	

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KNSR International

Client Sample ID: SB39(32.5-35)

TOTAL Metals

Lot-Sample #...: C8J220183-005 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Copper	11.3	3.0	mg/kg	SW846 6010B	10/29-10/31/08	K1CMD1AX
		Dilution Factor: 1		Analysis Time..: 06:00	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8303067	MDL.....: 0.32	
Iron	11300	12.0	mg/kg	SW846 6010B	10/29-10/31/08	K1CMD1A0
		Dilution Factor: 1		Analysis Time..: 06:00	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8303067	MDL.....: 1.5	
Potassium	690	598	mg/kg	SW846 6010B	10/29-10/31/08	K1CMD1A1
		Dilution Factor: 1		Analysis Time..: 06:00	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8303067	MDL.....: 89.7	
Magnesium	6700	598	mg/kg	SW846 6010B	10/29-10/31/08	K1CMD1A2
		Dilution Factor: 1		Analysis Time..: 06:00	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8303067	MDL.....: 2.5	
Manganese	265	1.8	mg/kg	SW846 6010B	10/29-10/31/08	K1CMD1A3
		Dilution Factor: 1		Analysis Time..: 06:00	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8303067	MDL.....: 0.073	
Sodium	117 B J	598	mg/kg	SW846 6010B	10/29-10/31/08	K1CMD1A4
		Dilution Factor: 1		Analysis Time..: 06:00	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8303067	MDL.....: 17.4	
Nickel	11.3	4.8	mg/kg	SW846 6010B	10/29-10/31/08	K1CMD1A5
		Dilution Factor: 1		Analysis Time..: 06:00	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8303067	MDL.....: 0.17	
Lead	4.8	0.36	mg/kg	SW846 6010B	10/29-10/31/08	K1CMD1A6
		Dilution Factor: 1		Analysis Time..: 06:00	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8303067	MDL.....: 0.19	
Selenium	ND	0.60	mg/kg	SW846 6010B	10/29-10/31/08	K1CMD1AA
		Dilution Factor: 1		Analysis Time..: 06:00	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8303067	MDL.....: 0.21	
Thallium	ND	1.2	mg/kg	SW846 6010B	10/29-10/31/08	K1CMD1AC
		Dilution Factor: 1		Analysis Time..: 06:00	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8303067	MDL.....: 0.37	

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ENSR International

Client Sample ID: SB39(32.5-35)

TOTAL Metals

Lot-Sample #...: C8J220183-005 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	ND	1.2	mg/kg	SW846 6010B	10/29-10/31/08	K1CMD1AD
		Dilution Factor: 1		Analysis Time..: 06:00	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8303067	MDL.....: 0.25	
Vanadium	**11.4**	**6.0**	**mg/kg**	**SW846 6010B**	**10/29-10/31/08**	**K1CMD1AR**
		Dilution Factor: 1		Analysis Time..: 06:00	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8303067	MDL.....: 0.29	
Zinc	**32.1 J**	**2.4**	**mg/kg**	**SW846 6010B**	**10/29-10/31/08**	**K1CMD1AF**
		Dilution Factor: 1		Analysis Time..: 06:00	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8303067	MDL.....: 0.22	
Prep Batch #...: 8304032						
Mercury	**0.012 B J**	**0.039**	**mg/kg**	**SW846 7471A**	**10/30/08**	**K1CMD1AG**
		Dilution Factor: 1		Analysis Time..: 10:14	Analyst ID.....: 031043	
		Instrument ID..: HGHYDRA		MS Run #.....: 8304020	MDL.....: 0.0030	

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.

ENSR International

Client Sample ID: SB39(47.5-50)

GC/MS Volatiles

Lot-Sample #...: C8J220183-006	**Work Order #...:** K1CMG1AK	**Matrix.....:** SO
Date Sampled...: 10/20/08	**Date Received..:** 10/21/08	**MS Run #.....:** 8303368
Prep Date.....: 10/29/08	**Analysis Date..:** 10/30/08	
Prep Batch #...: 8303599	**Analysis Time..:** 03:58	
Dilution Factor: 5	**Initial Wgt/Vol:** 1 g	**Final Wgt/Vol..:** 5 mL
% Moisture.....: 18	**Analyst ID.....:** 403419	**Instrument ID..:** HP3
	Method.....: SW846 8260B	

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND 120 U	120	ug/kg	31
Benzene	ND	31	ug/kg	4.1
Bromodichloromethane	ND	31	ug/kg	3.4
Bromoform	ND	31	ug/kg	2.7
Bromomethane	ND	31	ug/kg	4.5
2-Butanone	ND	31	ug/kg	5.4
Carbon disulfide	ND	31	ug/kg	3.1
Carbon tetrachloride	ND	31	ug/kg	2.7
Chlorobenzene	ND	31	ug/kg	4.6
Chloroethane	ND	31	ug/kg	9.5
Chloroform	ND	31	ug/kg	3.6
Chloromethane	ND	31	ug/kg	5.2
Cyclohexane	ND	31	ug/kg	2.3
Dibromochloromethane	ND	31	ug/kg	4.3
1,2-Dibromo-3-chloro-propane	ND	31	ug/kg	4.6
1,2-Dibromoethane	ND	31	ug/kg	5.3
1,3-Dichlorobenzene	ND	31	ug/kg	4.0
1,4-Dichlorobenzene	ND	31	ug/kg	3.9
1,2-Dichlorobenzene	ND	31	ug/kg	4.9
Dichlorodifluoromethane	ND	31	ug/kg	4.1
1,1-Dichloroethane	ND	31	ug/kg	3.5
1,2-Dichloroethane	ND	31	ug/kg	3.7
1,1-Dichloroethene	ND	31	ug/kg	5.2
cis-1,2-Dichloroethene	ND	31	ug/kg	4.3
trans-1,2-Dichloroethene	ND	31	ug/kg	3.6
1,2-Dichloropropane	ND	31	ug/kg	3.3
cis-1,3-Dichloropropene	ND	31	ug/kg	4.1
trans-1,3-Dichloropropene	ND	31	ug/kg	3.6
Ethylbenzene	ND	31	ug/kg	3.9
2-Hexanone	ND	31	ug/kg	4.2
Isopropylbenzene	ND	31	ug/kg	4.1
Methyl acetate	ND	31	ug/kg	5.5
Methylene chloride	~~7.8 J,B~~ 31 U	**31**	**ug/kg**	**4.1**
Methylcyclohexane	ND	31	ug/kg	4.4
4-Methyl-2-pentanone	ND	31	ug/kg	4.0
Methyl tert-butyl ether	ND	31	ug/kg	4.6

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ENSR International

Client Sample ID: SB39(47.5-50)

GC/MS Volatiles

Lot-Sample #...: C8J220183-006 Work Order #...: K1CMG1AK Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Styrene	ND	31	ug/kg	3.2
1,1,2,2-Tetrachloroethane	ND	31	ug/kg	4.4
1,2,4-Trichloro-benzene	ND	31	ug/kg	5.4
Tetrachloroethene	ND	31	ug/kg	4.2
1,1,1-Trichloroethane	ND	31	ug/kg	3.0
1,1,2-Trichloroethane	ND	31	ug/kg	5.1
Trichloroethene	ND	31	ug/kg	4.0
Trichlorofluoromethane	ND	31	ug/kg	5.6
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	31	ug/kg	6.5
Vinyl chloride	ND	31	ug/kg	2.9
Xylenes (total)	ND	92	ug/kg	14
Toluene	ND	31	ug/kg	4.5

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	91	(52 - 124)
Toluene-d8	108	(72 - 127)
4-Bromofluorobenzene	98	(63 - 120)
Dibromofluoromethane	93	(68 - 121)

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.

ENSR International

Client Sample ID: SB39(47.5-50)

GC/MS Semivolatiles

Lot-Sample #...:	C8J220183-006	**Work Order #...:**	K1CMG1AL	**Matrix.....:**	SO
Date Sampled...:	10/20/08 16:40	**Date Received..:**	10/21/08 10:00	**MS Run #.....:**	8298003
Prep Date.....:	10/24/08	**Analysis Date..:**	10/27/08		
Prep Batch #...:	8298011	**Analysis Time..:**	06:20		
Dilution Factor:	1	**Initial Wgt/Vol:**	15 g	**Final Wgt/Vol..:**	5 mL
% Moisture.....:	18	**Analyst ID.....:**	003200	**Instrument ID..:**	733
		Method.....:	SW846 8270C		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	82	ug/kg	21
Acenaphthylene	**58 J**	**82**	**ug/kg**	**24**
Acetophenone	ND	400	ug/kg	25
Anthracene	ND	82	ug/kg	23
Atrazine	ND	400	ug/kg	28
Benzo(a)anthracene	ND	82	ug/kg	16
Benzo(a)pyrene	ND	82	ug/kg	12
Benzo(b)fluoranthene	ND 82 UJ	82	ug/kg	16
Benzo(ghi)perylene	ND	82	ug/kg	14
Benzo(k)fluoranthene	ND	82	ug/kg	13
Benzaldehyde	ND 400 UJ	400	ug/kg	43
1,1'-Biphenyl	**45 J**	**400**	**ug/kg**	**22**
bis(2-Chloroethoxy) methane	ND	400	ug/kg	19
bis(2-Chloroethyl)-ether	ND	82	ug/kg	9.1
bis(2-Ethylhexyl) phthalate	**1200**	**400**	**ug/kg**	**31**
4-Bromophenyl phenyl ether	ND	400	ug/kg	18
Butyl benzyl phthalate	ND	400	ug/kg	32
Caprolactam	ND	2100	ug/kg	77
Carbazole	ND	82	ug/kg	17
4-Chloroaniline	ND	400	ug/kg	35
4-Chloro-3-methylphenol	ND	400	ug/kg	25
2-Chloronaphthalene	ND	82	ug/kg	23
2-Chlorophenol	ND	400	ug/kg	20
4-Chlorophenyl phenyl ether	ND	400	ug/kg	20
Chrysene	ND	82	ug/kg	16
Dibenz(a,h)anthracene	ND	82	ug/kg	26
Dibenzofuran	ND	400	ug/kg	22
3,3'-Dichlorobenzidine	ND	400	ug/kg	91
2,4-Dichlorophenol	ND	82	ug/kg	12
Diethyl phthalate	ND	400	ug/kg	36
2,4-Dimethylphenol	ND	400	ug/kg	17
Dimethyl phthalate	ND	400	ug/kg	23

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ENSR International

Client Sample ID: SB39(47.5-50)

GC/MS Semivolatiles

Lot-Sample #...: C8J220183-006 Work Order #...: K1CMG1AL Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-butyl phthalate	ND	400	ug/kg	67
4,6-Dinitro-2-methylphenol	ND	2100	ug/kg	290
2,4-Dinitrophenol	ND	2100	ug/kg	480
2,4-Dinitrotoluene	ND	400	ug/kg	21
2,6-Dinitrotoluene	ND	400	ug/kg	26
Di-n-octyl phthalate	ND	400	ug/kg	28
Fluoranthene	ND	82	ug/kg	26
Fluorene	ND	82	ug/kg	20
Hexachlorobenzene	ND	82	ug/kg	24
Hexachlorobutadiene	ND	82	ug/kg	25
Hexachlorocyclopentadiene	ND 4u o uJ	400	ug/kg	19
Hexachloroethane	ND	400	ug/kg	18
Indeno(1,2,3-cd)pyrene	ND	82	ug/kg	14
Isophorone	ND	400	ug/kg	23
2-Methylnaphthalene	**30 J**	**82**	**ug/kg**	**22**
2-Methylphenol	ND	400	ug/kg	25
4-Methylphenol	ND	400	ug/kg	25
Naphthalene	**64 J**	**82**	**ug/kg**	**20**
2-Nitroaniline	ND	2100	ug/kg	24
3-Nitroaniline	ND	2100	ug/kg	35
4-Nitroaniline	ND	2100	ug/kg	17
Nitrobenzene	ND	82	ug/kg	10
2-Nitrophenol	ND	400	ug/kg	32
4-Nitrophenol	ND	2100	ug/kg	32
N-Nitrosodi-n-propylamine	ND	82	ug/kg	9.9
N-Nitrosodiphenylamine	ND	82	ug/kg	22
2,2'-oxybis(1-Chloropropane)	ND	82	ug/kg	24
Pentachlorophenol	ND	400	ug/kg	30
Phenanthrene	**28 J**	**82**	**ug/kg**	**19**
Phenol	ND	82	ug/kg	24
Pyrene	ND	82	ug/kg	25
2,4,5-Trichlorophenol	ND	400	ug/kg	33
2,4,6-Trichlorophenol	ND	400	ug/kg	33

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ENSR International

Client Sample ID: SB39(47.5-50)

GC/MS Semivolatiles

Lot-Sample #...: C8J220183-006 Work Order #...: K1CMG1AL Matrix.....: SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	51	(50 - 124)
2-Fluorobiphenyl	51	(49 - 105)
2-Fluorophenol	48	(39 - 103)
Nitrobenzene-d5	47	(25 - 104)
Phenol-d5	52	(25 - 105)
Terphenyl-d14	61	(25 - 127)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

ENSR International

Client Sample ID: SB39(47.5-50)

TOTAL Metals

Lot-Sample #...: C8J220183-006 Matrix.....: SO
Date Sampled...: 10/20/08 Date Received..: 10/21/08
% Moisture.....: 18

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8303105						
Silver	~~0.11 B,J~~ 0.61U	0.61	mg/kg	SW846 6010B	10/29-10/31/08	K1CMG1AM
		Dilution Factor: 1		Analysis Time..: 06:06	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8303067	MDL.....: 0.081	
Aluminum	4100	24.4	mg/kg	SW846 6010B	10/29-10/31/08	K1CMG1AN
		Dilution Factor: 1		Analysis Time..: 06:06	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8303067	MDL.....: 2.9	
Arsenic	2.4	1.2	mg/kg	SW846 6010B	10/29-10/31/08	K1CMG1AP
		Dilution Factor: 1		Analysis Time..: 06:06	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8303067	MDL.....: 0.35	
Barium	25.7	24.4	mg/kg	SW846 6010B	10/29-10/31/08	K1CMG1AQ
		Dilution Factor: 1		Analysis Time..: 06:06	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8303067	MDL.....: 0.096	
Beryllium	~~0.42 B,J~~ 0.49U	0.49	mg/kg	SW846 6010B	10/29-10/31/08	K1CMG1AR
		Dilution Factor: 1		Analysis Time..: 06:06	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8303067	MDL.....: 0.018	
Calcium	31500	611	mg/kg	SW846 6010B	10/29-10/31/08	K1CMG1AT
		Dilution Factor: 1		Analysis Time..: 06:06	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8303067	MDL.....: 2.1	
Cadmium	~~0.22 B,J~~ 0.61U	0.61	mg/kg	SW846 6010B	10/29-10/31/08	K1CMG1AU
		Dilution Factor: 1		Analysis Time..: 06:06	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8303067	MDL.....: 0.026	
Cobalt	4.4 ~~B~~ J	6.1	mg/kg	SW846 6010B	10/29-10/31/08	K1CMG1AV
		Dilution Factor: 1		Analysis Time..: 06:06	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8303067	MDL.....: 0.099	
Chromium	6.2	0.61	mg/kg	SW846 6010B	10/29-10/31/08	K1CMG1AW
		Dilution Factor: 1		Analysis Time..: 06:06	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8303067	MDL.....: 0.068	

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ENSR International

Client Sample ID: SB39(47.5-50)

TOTAL Metals

Lot-Sample #...: C8J220183-006 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Copper	11.4	3.1	mg/kg	SW846 6010B	10/29-10/31/08	K1CMG1AX
		Dilution Factor: 1		Analysis Time..: 06:06	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8303067	MDL.....: 0.32	
Iron	9720	12.2	mg/kg	SW846 6010B	10/29-10/31/08	K1CMG1A0
		Dilution Factor: 1		Analysis Time..: 06:06	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8303067	MDL.....: 1.6	
Potassium	631	611	mg/kg	SW846 6010B	10/29-10/31/08	K1CMG1A1
		Dilution Factor: 1		Analysis Time..: 06:06	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8303067	MDL.....: 91.6	
Magnesium	8070	611	mg/kg	SW846 6010B	10/29-10/31/08	K1CMG1A2
		Dilution Factor: 1		Analysis Time..: 06:06	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8303067	MDL.....: 2.5	
Manganese	241	1.8	mg/kg	SW846 6010B	10/29-10/31/08	K1CMG1A3
		Dilution Factor: 1		Analysis Time..: 06:06	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8303067	MDL.....: 0.074	
Sodium	137 B J	611	mg/kg	SW846 6010B	10/29-10/31/08	K1CMG1A4
		Dilution Factor: 1		Analysis Time..: 06:06	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8303067	MDL.....: 17.7	
Nickel	10.1	4.9	mg/kg	SW846 6010B	10/29-10/31/08	K1CMG1A5
		Dilution Factor: 1		Analysis Time..: 06:06	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8303067	MDL.....: 0.17	
Lead	4.3	0.37	mg/kg	SW846 6010B	10/29-10/31/08	K1CMG1A6
		Dilution Factor: 1		Analysis Time..: 06:06	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8303067	MDL.....: 0.19	
Selenium	ND	0.61	mg/kg	SW846 6010B	10/29-10/31/08	K1CMG1AA
		Dilution Factor: 1		Analysis Time..: 06:06	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8303067	MDL.....: 0.21	
Thallium	ND	1.2	mg/kg	SW846 6010B	10/29-10/31/08	K1CMG1AC
		Dilution Factor: 1		Analysis Time..: 06:06	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8303067	MDL.....: 0.38	

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ENSR International

Client Sample ID: SB39(47.5-50)

TOTAL Metals

Lot-Sample #...: C8J220183-006 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	ND	1.2	mg/kg	SW846 6010B	10/29-10/31/08	K1CMG1AD
		Dilution Factor: 1		Analysis Time..: 06:06	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8303067	MDL.....: 0.26	
Vanadium	**10.5**	**6.1**	**mg/kg**	**SW846 6010B**	**10/29-10/31/08**	**K1CMG1AE**
		Dilution Factor: 1		Analysis Time..: 06:06	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8303067	MDL.....: 0.30	
Zinc	**29.2 J**	**2.4**	**mg/kg**	**SW846 6010B**	**10/29-10/31/08**	**K1CMG1AF**
		Dilution Factor: 1		Analysis Time..: 06:06	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8303067	MDL.....: 0.23	
Prep Batch #...: 8304032						
Mercury	**0.013 BJ**	**0.040**	**mg/kg**	**SW846 7471A**	**10/30/08**	**K1CMG1AG**
		Dilution Factor: 1		Analysis Time..: 10:16	Analyst ID.....: 031043	
		Instrument ID..: HGHYDRA		MS Run #.....: 8304020	MDL.....: 0.0031	

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.

ENSR International

Client Sample ID: SB40(14-16)

GC/MS Volatiles

Lot-Sample #...:	C8J110134-001	**Work Order #...:**	K0NCF1AC	**Matrix.....:**	SO
Date Sampled...:	10/09/08	**Date Received..:**	10/11/08	**MS Run #.....:**	8295142
Prep Date.....:	10/21/08	**Analysis Date..:**	10/21/08		
Prep Batch #...:	8295291	**Analysis Time..:**	12:03		
Dilution Factor:	1	**Initial Wgt/Vol:**	5 g	**Final Wgt/Vol..:**	5 mL
% Moisture.....:	17	**Analyst ID.....:**	034635	**Instrument ID..:**	HP3
		Method.....:	SW846 8260B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND 24 UJ	24	ug/kg	6.0
Benzene	ND	6.0	ug/kg	0.81
Bromodichloromethane	ND	6.0	ug/kg	0.68
Bromoform	ND	6.0	ug/kg	0.53
Bromomethane	ND	6.0	ug/kg	0.89
2-Butanone	ND 6.0 UJ	6.0	ug/kg	1.1
Carbon disulfide	ND	6.0	ug/kg	0.62
Carbon tetrachloride	ND	6.0	ug/kg	0.54
Chlorobenzene	ND	6.0	ug/kg	0.91
Chloroethane	ND	6.0	ug/kg	1.9
Chloroform	ND	6.0	ug/kg	0.71
Chloromethane	ND	6.0	ug/kg	1.0
Cyclohexane	ND	6.0	ug/kg	0.45
Dibromochloromethane	ND	6.0	ug/kg	0.86
1,2-Dibromo-3-chloro-propane	ND 6.0 UJ	6.0	ug/kg	0.90
1,2-Dibromoethane	ND	6.0	ug/kg	1.0
1,3-Dichlorobenzene	ND	6.0	ug/kg	0.79
1,4-Dichlorobenzene	ND	6.0	ug/kg	0.77
1,2-Dichlorobenzene	ND	6.0	ug/kg	0.96
Dichlorodifluoromethane	ND	6.0	ug/kg	0.80
1,1-Dichloroethane	ND	6.0	ug/kg	0.69
1,2-Dichloroethane	ND	6.0	ug/kg	0.74
1,1-Dichloroethene	ND	6.0	ug/kg	1.0
cis-1,2-Dichloroethene	ND	6.0	ug/kg	0.85
trans-1,2-Dichloroethene	ND	6.0	ug/kg	0.72
1,2-Dichloropropane	ND	6.0	ug/kg	0.65
cis-1,3-Dichloropropene	ND	6.0	ug/kg	0.82
trans-1,3-Dichloropropene	ND	6.0	ug/kg	0.72
Ethylbenzene	**2.4 J**	**6.0**	**ug/kg**	**0.77**
2-Hexanone	ND 6.0 UJ	6.0	ug/kg	0.83
Isopropylbenzene	**20**	**6.0**	**ug/kg**	**0.82**
Methyl acetate	ND 6.0 UJ	6.0	ug/kg	1.1
Methylene chloride	ND	6.0	ug/kg	0.81
Methylcyclohexane	**1.3 J**	**6.0**	**ug/kg**	**0.87**
4-Methyl-2-pentanone	ND 6.0 UJ	6.0	ug/kg	0.79
Methyl tert-butyl ether	ND	6.0	ug/kg	0.90

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ENSR International

Client Sample ID: SB40(14-16)

GC/MS Volatiles

Lot-Sample #...: C8J110134-001 **Work Order #...:** K0NCF1AC **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Styrene	ND	6.0	ug/kg	0.64
1,1,2,2-Tetrachloroethane	ND 6.0 U J	6.0	ug/kg	0.87
1,2,4-Trichloro-benzene	ND	6.0	ug/kg	1.1
Tetrachloroethene	ND	6.0	ug/kg	0.82
1,1,1-Trichloroethane	ND	6.0	ug/kg	0.59
1,1,2-Trichloroethane	ND	6.0	ug/kg	1.0
Trichloroethene	ND	6.0	ug/kg	0.79
Trichlorofluoromethane	ND	6.0	ug/kg	1.1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	6.0	ug/kg	1.3
Vinyl chloride	ND	6.0	ug/kg	0.57
Xylenes (total)	**3.6 J**	**18**	**ug/kg**	**2.7**
Toluene	ND	6.0	ug/kg	0.88

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	90	(52 - 124)
Toluene-d8	98	(72 - 127)
4-Bromofluorobenzene	83	(63 - 120)
Dibromofluoromethane	103	(68 - 121)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

ENSR International

Client Sample ID: SB40(14-16)

GC/MS Semivolatiles

Lot-Sample #...:	C8J110134-001	**Work Order #...:**	K0NCF1AD	**Matrix.....:**	SO
Date Sampled...:	10/09/08	**Date Received..:**	10/11/08	**MS Run #.....:**	8290004
Prep Date.....:	10/16/08	**Analysis Date..:**	10/17/08		
Prep Batch #...:	8290013	**Analysis Time..:**	15:46		
Dilution Factor:	1	**Initial Wgt/Vol:**	15 g	**Final Wgt/Vol..:**	5 mL
% Moisture.....:	17	**Analyst ID.....:**	007062	**Instrument ID..:**	722
		Method.....:	SW846 8270C		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	**1300**	**81**	**ug/kg**	**21**
Acenaphthylene	**540**	**81**	**ug/kg**	**23**
Acetophenone	ND	400	ug/kg	24
Anthracene	**1400**	**81**	**ug/kg**	**23**
Atrazine	ND	400	ug/kg	28
Benzo(a)anthracene	**660**	**81**	**ug/kg**	**16**
Benzo(a)pyrene	**380**	**81**	**ug/kg**	**12**
Benzo(b)fluoranthene	**360**	**81**	**ug/kg**	**15**
Benzo(ghi)perylene	**200**	**81**	**ug/kg**	**14**
Benzo(k)fluoranthene	ND	81	ug/kg	13
Benzaldehyde	ND	400	ug/kg	42
1,1'-Biphenyl	**230 J**	**400**	**ug/kg**	**22**
bis(2-Chloroethoxy) methane	ND	400	ug/kg	19
bis(2-Chloroethyl)-ether	ND	81	ug/kg	9.0
bis(2-Ethylhexyl) phthalate	**140 J**	**400**	**ug/kg**	**31**
4-Bromophenyl phenyl ether	ND	400	ug/kg	18
Butyl benzyl phthalate	ND	400	ug/kg	32
Caprolactam	ND	2000	ug/kg	76
Carbazole	**370**	**81**	**ug/kg**	**16**
4-Chloroaniline	ND	400	ug/kg	34
4-Chloro-3-methylphenol	ND	400	ug/kg	24
2-Chloronaphthalene	ND	81	ug/kg	23
2-Chlorophenol	ND	400	ug/kg	20
4-Chlorophenyl phenyl ether	ND	400	ug/kg	20
Chrysene	**500**	**81**	**ug/kg**	**16**
Dibenz(a,h)anthracene	**64 J**	**81**	**ug/kg**	**25**
Dibenzofuran	**85 J**	**400**	**ug/kg**	**22**
3,3'-Dichlorobenzidine	ND	400	ug/kg	90
2,4-Dichlorophenol	ND	81	ug/kg	12
Diethyl phthalate	ND	400	ug/kg	36
2,4-Dimethylphenol	ND	400	ug/kg	17
Dimethyl phthalate	ND	400	ug/kg	23

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ENSR International

Client Sample ID: SB40(14-16)

GC/MS Semivolatiles

Lot-Sample #...: C8J110134-001 Work Order #...: K0NCF1AD Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-butyl phthalate	ND	400	ug/kg	66
4,6-Dinitro-2-methylphenol	ND	2000	ug/kg	280
2,4-Dinitrophenol	ND	2000	ug/kg	470
2,4-Dinitrotoluene	ND	400	ug/kg	21
2,6-Dinitrotoluene	ND	400	ug/kg	26
Di-n-octyl phthalate	**38 J**	**400**	**ug/kg**	**28**
Fluoranthene	**1200**	**81**	**ug/kg**	**26**
Fluorene	**1000**	**81**	**ug/kg**	**19**
Hexachlorobenzene	ND	81	ug/kg	24
Hexachlorobutadiene	ND	81	ug/kg	24
Hexachlorocyclopentadiene	ND 400 UJ	400	ug/kg	18
Hexachloroethane	ND	400	ug/kg	18
Indeno(1,2,3-cd)pyrene	**140**	**81**	**ug/kg**	**14**
Isophorone	ND	400	ug/kg	22
2-Methylnaphthalene	**120**	**81**	**ug/kg**	**22**
2-Methylphenol	ND	400	ug/kg	25
4-Methylphenol	ND	400	ug/kg	25
Naphthalene	**280**	**81**	**ug/kg**	**19**
2-Nitroaniline	ND	2000	ug/kg	24
3-Nitroaniline	ND	2000	ug/kg	34
4-Nitroaniline	ND	2000	ug/kg	17
Nitrobenzene	ND	81	ug/kg	10
2-Nitrophenol	ND	400	ug/kg	32
4-Nitrophenol	ND	2000	ug/kg	31
N-Nitrosodi-n-propylamine	ND	81	ug/kg	9.8
N-Nitrosodiphenylamine	ND	81	ug/kg	22
2,2'-oxybis (1-Chloropropane)	ND	81	ug/kg	24
Pentachlorophenol	ND	400	ug/kg	30
Phenanthrene	**3500**	**81**	**ug/kg**	**19**
Phenol	ND	81	ug/kg	24
Pyrene	**1700**	**81**	**ug/kg**	**24**
2,4,5-Trichlorophenol	ND	400	ug/kg	33
2,4,6-Trichlorophenol	ND	400	ug/kg	32

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ENSR International

Client Sample ID: SB40(14-16)

GC/MS Semivolatiles

Lot-Sample #...: C8J110134-001 Work Order #...: K0NCF1AD Matrix.....: SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	58	(50 - 124)
2-Fluorobiphenyl	54	(49 - 105)
2-Fluorophenol	53	(39 - 103)
Nitrobenzene-d5	53	(25 - 104)
Phenol-d5	51	(25 - 105)
Terphenyl-d14	57	(25 - 127)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

ENSR International

Client Sample ID: SB40(14-16)

TOTAL Metals

Lot-Sample #...: C8J110134-001 **Matrix.....:** SO
Date Sampled...: 10/09/08 **Date Received..:** 10/11/08
% Moisture.....: 17

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8290475						
Silver	ND	0.60	mg/kg	SW846 6010B	10/16-10/17/08	KONCF1AE
		Dilution Factor: 1		Analysis Time..: 09:23	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8290342	MDL.....: 0.080	
Aluminum	**2490**	**24.1**	**mg/kg**	**SW846 6010B**	**10/16-10/17/08**	**KONCF1AF**
		Dilution Factor: 1		Analysis Time..: 09:23	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8290342	MDL.....: 2.9	
Arsenic	**0.58 B J**	**1.2**	**mg/kg**	**SW846 6010B**	**10/16-10/17/08**	**KONCF1AG**
		Dilution Factor: 1		Analysis Time..: 09:23	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8290342	MDL.....: 0.35	
Barium	**9.2 B J**	**24.1**	**mg/kg**	**SW846 6010B**	**10/16-10/17/08**	**KONCF1AH**
		Dilution Factor: 1		Analysis Time..: 09:23	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8290342	MDL.....: 0.095	
Beryllium	~~0.23 B~~ 0.48 U	**0.48**	**mg/kg**	**SW846 6010B**	**10/16-10/17/08**	**KONCF1AJ**
		Dilution Factor: 1		Analysis Time..: 09:23	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8290342	MDL.....: 0.018	
Calcium	**1270 J**	**603**	**mg/kg**	**SW846 6010B**	**10/16-10/17/08**	**KONCF1AK**
		Dilution Factor: 1		Analysis Time..: 09:23	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8290342	MDL.....: 2.0	
Cadmium	ND	0.60	mg/kg	SW846 6010B	10/16-10/17/08	KONCF1AL
		Dilution Factor: 1		Analysis Time..: 09:23	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8290342	MDL.....: 0.025	
Cobalt	**2.7 B J**	**6.0**	**mg/kg**	**SW846 6010B**	**10/16-10/17/08**	**KONCF1AM**
		Dilution Factor: 1		Analysis Time..: 09:23	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8290342	MDL.....: 0.098	
Chromium	**4.0**	**0.60**	**mg/kg**	**SW846 6010B**	**10/16-10/17/08**	**KONCF1AN**
		Dilution Factor: 1		Analysis Time..: 09:23	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8290342	MDL.....: 0.068	

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ENSR International

Client Sample ID: SB40(14-16)

TOTAL Metals

Lot-Sample #...: C8J110134-001 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Copper	**5.6**	**3.0**	**mg/kg**	**SW846 6010B**	**10/16-10/17/08**	**K0NCF1AP**
	Dilution Factor: 1	Analysis Time..: 09:23			Analyst ID.....: 022952	
	Instrument ID..: TRACEICP	MS Run #.....: 8290342			MDL.....: 0.32	
Iron	**8210 J**	**12.1**	**mg/kg**	**SW846 6010B**	**10/16-10/17/08**	**K0NCF1AQ**
	Dilution Factor: 1	Analysis Time..: 09:23			Analyst ID.....: 022952	
	Instrument ID..: TRACEICP	MS Run #.....: 8290342			MDL.....: 1.6	
Potassium	**417 B J**	**603**	**mg/kg**	**SW846 6010B**	**10/16-10/17/08**	**K0NCF1AR**
	Dilution Factor: 1	Analysis Time..: 09:23			Analyst ID.....: 022952	
	Instrument ID..: TRACEICP	MS Run #.....: 8290342			MDL.....: 90.4	
Magnesium	**1040**	**603**	**mg/kg**	**SW846 6010B**	**10/16-10/17/08**	**K0NCF1AT**
	Dilution Factor: 1	Analysis Time..: 09:23			Analyst ID.....: 022952	
	Instrument ID..: TRACEICP	MS Run #.....: 8290342			MDL.....: 2.5	
Manganese	**62.0**	**1.8**	**mg/kg**	**SW846 6010B**	**10/16-10/17/08**	**K0NCF1AU**
	Dilution Factor: 1	Analysis Time..: 09:23			Analyst ID.....: 022952	
	Instrument ID..: TRACEICP	MS Run #.....: 8290342			MDL.....: 0.074	
Sodium	**113 B J**	**603**	**mg/kg**	**SW846 6010B**	**10/16-10/17/08**	**K0NCF1AV**
	Dilution Factor: 1	Analysis Time..: 09:23			Analyst ID.....: 022952	
	Instrument ID..: TRACEICP	MS Run #.....: 8290342			MDL.....: 17.5	
Nickel	**6.0**	**4.8**	**mg/kg**	**SW846 6010B**	**10/16-10/17/08**	**K0NCF1AW**
	Dilution Factor: 1	Analysis Time..: 09:23			Analyst ID.....: 022952	
	Instrument ID..: TRACEICP	MS Run #.....: 8290342			MDL.....: 0.17	
Lead	**2.8**	**0.36**	**mg/kg**	**SW846 6010B**	**10/16-10/17/08**	**K0NCF1AX**
	Dilution Factor: 1	Analysis Time..: 09:23			Analyst ID.....: 022952	
	Instrument ID..: TRACEICP	MS Run #.....: 8290342			MDL.....: 0.19	
Selenium	**0.25 B J**	**0.60**	**mg/kg**	**SW846 6010B**	**10/16-10/17/08**	**K0NCF1A0**
	Dilution Factor: 1	Analysis Time..: 09:23			Analyst ID.....: 022952	
	Instrument ID..: TRACEICP	MS Run #.....: 8290342			MDL.....: 0.21	
Thallium	ND	1.2	mg/kg	SW846 6010B	10/16-10/17/08	K0NCF1A1
	Dilution Factor: 1	Analysis Time..: 09:23			Analyst ID.....: 022952	
	Instrument ID..: TRACEICP	MS Run #.....: 8290342			MDL.....: 0.37	

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ENSR International

Client Sample ID: SB40(14-16)

TOTAL Metals

Lot-Sample #...: C8J110134-001 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	0.40 B J	1.2	mg/kg	SW846 6010B	10/16-10/17/08	K0NCF1A2
		Dilution Factor: 1		Analysis Time..: 09:23	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8290342	MDL.....: 0.25	
Vanadium	10	6.0	mg/kg	SW846 6010B	10/16-10/17/08	K0NCF1A3
		Dilution Factor: 1		Analysis Time..: 09:23	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8290342	MDL.....: 0.29	
Zinc	20.0 J	2.4	mg/kg	SW846 6010B	10/16-10/17/08	K0NCF1A4
		Dilution Factor: 1		Analysis Time..: 09:23	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8290342	MDL.....: 0.22	
Prep Batch #...: 8297017						
Mercury	ND	0.040	mg/kg	SW846 7471A	10/23/08	K0NCF1A5
		Dilution Factor: 1		Analysis Time..: 08:27	Analyst ID.....: 031043	
		Instrument ID..: HGHYDRA		MS Run #.....: 8297009	MDL.....: 0.0030	

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.

ENSR International

Client Sample ID: SB40(50-52)

GC/MS Volatiles

Lot-Sample #...:	C8J110134-002	**Work Order #...:**	K0NCP1AK	**Matrix.....:**	SO
Date Sampled...:	10/09/08	**Date Received..:**	10/11/08	**MS Run #.....:**	8294188
Prep Date.....:	10/20/08	**Analysis Date..:**	10/20/08		
Prep Batch #...:	8294367	**Analysis Time..:**	20:50		
Dilution Factor:	1	**Initial Wgt/Vol:**	5 g	**Final Wgt/Vol..:**	5 mL
% Moisture.....:	16	**Analyst ID.....:**	034635	**Instrument ID..:**	HP3
		Method.....:	SW846 8260B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	~~**10 J**~~ 24 U	**24**	**ug/kg**	**5.9**
Benzene	ND	5.9	ug/kg	0.80
Bromodichloromethane	ND	5.9	ug/kg	0.67
Bromoform	ND	5.9	ug/kg	0.53
Bromomethane	ND	5.9	ug/kg	0.88
2-Butanone	**5.8 J**	**5.9**	**ug/kg**	**1.0**
Carbon disulfide	ND	5.9	ug/kg	0.61
Carbon tetrachloride	ND	5.9	ug/kg	0.53
Chlorobenzene	ND	5.9	ug/kg	0.90
Chloroethane	ND	5.9	ug/kg	1.8
Chloroform	ND	5.9	ug/kg	0.70
Chloromethane	ND	5.9	ug/kg	1.0
Cyclohexane	ND	5.9	ug/kg	0.44
Dibromochloromethane	ND	5.9	ug/kg	0.84
1,2-Dibromo-3-chloro-propane	ND	5.9	ug/kg	0.89
1,2-Dibromoethane	ND	5.9	ug/kg	1.0
1,3-Dichlorobenzene	ND	5.9	ug/kg	0.78
1,4-Dichlorobenzene	ND	5.9	ug/kg	0.76
1,2-Dichlorobenzene	ND	5.9	ug/kg	0.95
Dichlorodifluoromethane	ND	5.9	ug/kg	0.79
1,1-Dichloroethane	ND	5.9	ug/kg	0.68
1,2-Dichloroethane	ND	5.9	ug/kg	0.73
1,1-Dichloroethene	ND	5.9	ug/kg	1.0
cis-1,2-Dichloroethene	ND	5.9	ug/kg	0.84
trans-1,2-Dichloroethene	ND	5.9	ug/kg	0.71
1,2-Dichloropropane	ND	5.9	ug/kg	0.65
cis-1,3-Dichloropropene	ND	5.9	ug/kg	0.81
trans-1,3-Dichloropropene	ND	5.9	ug/kg	0.71
Ethylbenzene	ND	5.9	ug/kg	0.76
2-Hexanone	ND	5.9	ug/kg	0.82
Isopropylbenzene	ND	5.9	ug/kg	0.81
Methyl acetate	ND 5.9 UJ	5.9	ug/kg	1.1
Methylene chloride	~~**3.3 J**~~ 5.9 U	**5.9**	**ug/kg**	**0.80**
Methylcyclohexane	ND	5.9	ug/kg	0.86
4-Methyl-2-pentanone	ND	5.9	ug/kg	0.78
Methyl tert-butyl ether	ND	5.9	ug/kg	0.89

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ENSR International

Client Sample ID: SB40(50-52)

GC/MS Volatiles

Lot-Sample #...: C8J110134-002 **Work Order #...:** K0NCP1AK **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Styrene	ND	5.9	ug/kg	0.63
1,1,2,2-Tetrachloroethane	ND	5.9	ug/kg	0.85
1,2,4-Trichloro-benzene	ND	5.9	ug/kg	1.0
Tetrachloroethene	ND	5.9	ug/kg	0.81
1,1,1-Trichloroethane	ND	5.9	ug/kg	0.58
1,1,2-Trichloroethane	ND	5.9	ug/kg	0.99
Trichloroethene	ND	5.9	ug/kg	0.78
Trichlorofluoromethane	ND 5.9 UJ	5.9	ug/kg	1.1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	5.9	ug/kg	1.3
Vinyl chloride	ND	5.9	ug/kg	0.56
Xylenes (total)	ND	18	ug/kg	2.7
Toluene	ND	5.9	ug/kg	0.87

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	114	(52 - 124)
Toluene-d8	106	(72 - 127)
4-Bromofluorobenzene	93	(63 - 120)
Dibromofluoromethane	116	(68 - 121)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

ENSR International

Client Sample ID: SB40(50-52)

GC/MS Semivolatiles

Lot-Sample #...:	C8J110134-002	**Work Order #...:**	K0NCP1AL	**Matrix.....:**	SO
Date Sampled...:	10/09/08	**Date Received..:**	10/11/08	**MS Run #.....:**	8290004
Prep Date.....:	10/16/08	**Analysis Date..:**	10/21/08		
Prep Batch #...:	8290013	**Analysis Time..:**	09:22		
Dilution Factor:	0.99	**Initial Wgt/Vol:**	15.2 g	**Final Wgt/Vol..:**	5 mL
% Moisture.....:	16	**Analyst ID.....:**	007062	**Instrument ID..:**	722
		Method.....:	SW846 8270C		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	79	ug/kg	20
Acenaphthylene	ND	79	ug/kg	23
Acetophenone	ND	390	ug/kg	24
Anthracene	ND	79	ug/kg	22
Atrazine	ND 390 UJ	390	ug/kg	27
Benzo(a)anthracene	ND	79	ug/kg	15
Benzo(a)pyrene	ND	79	ug/kg	12
Benzo(b)fluoranthene	ND	79	ug/kg	15
Benzo(ghi)perylene	ND 79 UJ	79	ug/kg	13
Benzo(k)fluoranthene	ND	79	ug/kg	13
Benzaldehyde	ND	390	ug/kg	41
1,1'-Biphenyl	ND	390	ug/kg	22
bis(2-Chloroethoxy) methane	ND	390	ug/kg	18
bis(2-Chloroethyl)-ether	ND	79	ug/kg	8.8
bis(2-Ethylhexyl) phthalate	ND	390	ug/kg	30
4-Bromophenyl phenyl ether	ND	390	ug/kg	18
Butyl benzyl phthalate	ND	390	ug/kg	31
Caprolactam	ND	2000	ug/kg	74
Carbazole	ND	79	ug/kg	16
4-Chloroaniline	ND	390	ug/kg	34
4-Chloro-3-methylphenol	ND	390	ug/kg	24
2-Chloronaphthalene	ND	79	ug/kg	23
2-Chlorophenol	ND	390	ug/kg	20
4-Chlorophenyl phenyl ether	ND	390	ug/kg	19
Chrysene	ND	79	ug/kg	15
Dibenz(a,h)anthracene	ND 79 UJ	79	ug/kg	25
Dibenzofuran	ND	390	ug/kg	22
3,3'-Dichlorobenzidine	ND	390	ug/kg	88
2,4-Dichlorophenol	ND	79	ug/kg	12
Diethyl phthalate	ND	390	ug/kg	35
2,4-Dimethylphenol	ND	390	ug/kg	17
Dimethyl phthalate	ND	390	ug/kg	22

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ENSR International

Client Sample ID: SB40(50-52)

GC/MS Semivolatiles

Lot-Sample #...: C8J110134-002 Work Order #...: K0NCP1AL Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-butyl phthalate	ND	390	ug/kg	65
4,6-Dinitro-2-methylphenol	ND	2000	ug/kg	280
2,4-Dinitrophenol	ND 2000 UJ	2000	ug/kg	460
2,4-Dinitrotoluene	ND	390	ug/kg	20
2,6-Dinitrotoluene	ND	390	ug/kg	25
Di-n-octyl phthalate	ND	390	ug/kg	27
Fluoranthene	ND	79	ug/kg	25
Fluorene	ND	79	ug/kg	19
Hexachlorobenzene	ND	79	ug/kg	23
Hexachlorobutadiene	ND	79	ug/kg	24
Hexachlorocyclopentadiene	ND 390 UJ	390	ug/kg	18
Hexachloroethane	ND	390	ug/kg	17
Indeno(1,2,3-cd)pyrene	ND 79 UJ	79	ug/kg	14
Isophorone	ND	390	ug/kg	22
2-Methylnaphthalene	ND	79	ug/kg	22
2-Methylphenol	ND	390	ug/kg	24
4-Methylphenol	ND	390	ug/kg	24
Naphthalene	ND	79	ug/kg	19
2-Nitroaniline	ND	2000	ug/kg	23
3-Nitroaniline	ND	2000	ug/kg	34
4-Nitroaniline	ND	2000	ug/kg	16
Nitrobenzene	ND	79	ug/kg	9.7
2-Nitrophenol	ND	390	ug/kg	31
4-Nitrophenol	ND	2000	ug/kg	30
N-Nitrosodi-n-propylamine	ND	79	ug/kg	9.6
N-Nitrosodiphenylamine	ND	79	ug/kg	21
2,2'-oxybis (1-Chloropropane)	ND	79	ug/kg	23
Pentachlorophenol	ND	390	ug/kg	29
Phenanthrene	**61 J**	**79**	**ug/kg**	**19**
Phenol	ND	79	ug/kg	24
Pyrene	ND	79	ug/kg	24
2,4,5-Trichlorophenol	ND	390	ug/kg	32
2,4,6-Trichlorophenol	ND	390	ug/kg	32

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ENSR International

Client Sample ID: SB40(50-52)

GC/MS Semivolatiles

Lot-Sample #...: C8J110134-002 Work Order #...: K0NCP1AL Matrix.....: SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	77	(50 - 124)
2-Fluorobiphenyl	69	(49 - 105)
2-Fluorophenol	74	(39 - 103)
Nitrobenzene-d5	72	(25 - 104)
Phenol-d5	72	(25 - 105)
Terphenyl-d14	73	(25 - 127)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

ENSR International

Client Sample ID: SB40(50-52)

TOTAL Metals

Lot-Sample #...: C8J110134-002 Matrix.....: SO
Date Sampled...: 10/09/08 Date Received..: 10/11/08
% Moisture.....: 16

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8290475						
Silver	ND	0.59	mg/kg	SW846 6010B	10/16-10/17/08	K0NCP1AM
		Dilution Factor: 1		Analysis Time..: 09:28	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8290342	MDL.....: 0.079	
Aluminum	**2850**	**23.8**	**mg/kg**	**SW846 6010B**	**10/16-10/17/08**	**K0NCP1AN**
		Dilution Factor: 1		Analysis Time..: 09:28	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8290342	MDL.....: 2.9	
Arsenic	**2.2**	**1.2**	**mg/kg**	**SW846 6010B**	**10/16-10/17/08**	**K0NCP1AP**
		Dilution Factor: 1		Analysis Time..: 09:28	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8290342	MDL.....: 0.34	
Barium	**16.0 B J**	**23.8**	**mg/kg**	**SW846 6010B**	**10/16-10/17/08**	**K0NCP1AQ**
		Dilution Factor: 1		Analysis Time..: 09:28	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8290342	MDL.....: 0.094	
Beryllium	~~0.25 B~~ 0.48U	**0.48**	**mg/kg**	**SW846 6010B**	**10/16-10/17/08**	**K0NCP1AR**
		Dilution Factor: 1		Analysis Time..: 09:28	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8290342	MDL.....: 0.018	
Calcium	**32800 J**	**595**	**mg/kg**	**SW846 6010B**	**10/16-10/17/08**	**K0NCP1AT**
		Dilution Factor: 1		Analysis Time..: 09:28	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8290342	MDL.....: 2.0	
Cadmium	**0.044 B J**	**0.59**	**mg/kg**	**SW846 6010B**	**10/16-10/17/08**	**K0NCP1AU**
		Dilution Factor: 1		Analysis Time..: 09:28	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8290342	MDL.....: 0.025	
Cobalt	**2.8 B J**	**5.9**	**mg/kg**	**SW846 6010B**	**10/16-10/17/08**	**K0NCP1AV**
		Dilution Factor: 1		Analysis Time..: 09:28	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8290342	MDL.....: 0.096	
Chromium	**5.4**	**0.59**	**mg/kg**	**SW846 6010B**	**10/16-10/17/08**	**K0NCP1AW**
		Dilution Factor: 1		Analysis Time..: 09:28	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8290342	MDL.....: 0.067	

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ENSR International

Client Sample ID: SB40(50-52)

TOTAL Metals

Lot-Sample #...: C8J110134-002 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Copper	7.1	3.0	mg/kg	SW846 6010B	10/16-10/17/08	K0NCP1AX
		Dilution Factor: 1		Analysis Time..: 09:28	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8290342	MDL.....: 0.31	
Iron	10000 ~~B~~	11.9	mg/kg	SW846 6010B	10/16-10/17/08	K0NCP1A0
		Dilution Factor: 1		Analysis Time..: 09:28	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8290342	MDL.....: 1.5	
Potassium	479 ~~B~~ J	595	mg/kg	SW846 6010B	10/16-10/17/08	K0NCP1A1
		Dilution Factor: 1		Analysis Time..: 09:28	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8290342	MDL.....: 89.2	
Magnesium	4630	595	mg/kg	SW846 6010B	10/16-10/17/08	K0NCP1A2
		Dilution Factor: 1		Analysis Time..: 09:28	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8290342	MDL.....: 2.5	
Manganese	168	1.8	mg/kg	SW846 6010B	10/16-10/17/08	K0NCP1A3
		Dilution Factor: 1		Analysis Time..: 09:28	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8290342	MDL.....: 0.073	
Sodium	40.0 ~~B~~ J	595	mg/kg	SW846 6010B	10/16-10/17/08	K0NCP1A4
		Dilution Factor: 1		Analysis Time..: 09:28	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8290342	MDL.....: 17.3	
Nickel	6.4	4.8	mg/kg	SW846 6010B	10/16-10/17/08	K0NCP1A5
		Dilution Factor: 1		Analysis Time..: 09:28	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8290342	MDL.....: 0.17	
Lead	2.9	0.36	mg/kg	SW846 6010B	10/16-10/17/08	K0NCP1A6
		Dilution Factor: 1		Analysis Time..: 09:28	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8290342	MDL.....: 0.19	
Selenium	0.26 ~~B~~ J	0.59	mg/kg	SW846 6010B	10/16-10/17/08	K0NCP1AA
		Dilution Factor: 1		Analysis Time..: 09:28	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8290342	MDL.....: 0.21	
Thallium	ND	1.2	mg/kg	SW846 6010B	10/16-10/17/08	K0NCP1AC
		Dilution Factor: 1		Analysis Time..: 09:28	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8290342	MDL.....: 0.37	

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ENSR International

Client Sample ID: SB40(50-52)

TOTAL Metals

Lot-Sample #...: C8J110134-002 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	ND	1.2	mg/kg	SW846 6010B	10/16-10/17/08	K0NCP1AD
		Dilution Factor: 1		Analysis Time..: 09:28	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8290342	MDL.....: 0.25	
Vanadium	**13.3**	**5.9**	**mg/kg**	**SW846 6010B**	**10/16-10/17/08**	**K0NCP1AE**
		Dilution Factor: 1		Analysis Time..: 09:28	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8290342	MDL.....: 0.29	
Zinc	**21.2 J**	**2.4**	**mg/kg**	**SW846 6010B**	**10/16-10/17/08**	**K0NCP1AF**
		Dilution Factor: 1		Analysis Time..: 09:28	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8290342	MDL.....: 0.22	
Prep Batch #...: 8297017						
Mercury	ND	0.039	mg/kg	SW846 7471A	10/23/08	K0NCP1AG
		Dilution Factor: 1		Analysis Time..: 08:32	Analyst ID.....: 031043	
		Instrument ID..: HGHYDRA		MS Run #.....: 8297009	MDL.....: 0.0030	

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.

ENSR International

Client Sample ID: SB41(15-17)

GC/MS Volatiles

Lot-Sample #...:	C8J100124-003	**Work Order #...:**	K0KCM1AK	**Matrix.....:**	SO
Date Sampled...:	10/08/08	**Date Received..:**	10/09/08	**MS Run #.....:**	8291289
Prep Date.....:	10/17/08	**Analysis Date..:**	10/17/08		
Prep Batch #...:	8291500	**Analysis Time..:**	22:52		
Dilution Factor:	1	**Initial Wgt/Vol:**	5 g	**Final Wgt/Vol..:**	5 mL
% Moisture.....:	21	**Analyst ID.....:**	403419	**Instrument ID..:**	HP3
		Method.....:	SW846 8260B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	**30** U	**25**	**ug/kg**	**6.4**
Benzene	**1.2 J**	**6.4**	**ug/kg**	**0.86**
Bromodichloromethane	ND	6.4	ug/kg	0.71
Bromoform	ND	6.4	ug/kg	0.56
Bromomethane	ND	6.4	ug/kg	0.94
2-Butanone	**6.4**	**6.4**	**ug/kg**	**1.1**
Carbon disulfide	ND	6.4	ug/kg	0.65
Carbon tetrachloride	ND	6.4	ug/kg	0.57
Chlorobenzene	ND	6.4	ug/kg	0.96
Chloroethane	ND	6.4	ug/kg	2.0
Chloroform	ND	6.4	ug/kg	0.74
Chloromethane	ND	6.4	ug/kg	1.1
Cyclohexane	ND	6.4	ug/kg	0.47
Dibromochloromethane	ND	6.4	ug/kg	0.90
1,2-Dibromo-3-chloro-propane	ND	6.4	ug/kg	0.95
1,2-Dibromoethane	ND	6.4	ug/kg	1.1
1,3-Dichlorobenzene	ND	6.4	ug/kg	0.83
1,4-Dichlorobenzene	ND	6.4	ug/kg	0.81
1,2-Dichlorobenzene	ND	6.4	ug/kg	1.0
Dichlorodifluoromethane	ND	6.4	ug/kg	0.85
1,1-Dichloroethane	ND	6.4	ug/kg	0.73
1,2-Dichloroethane	ND	6.4	ug/kg	0.78
1,1-Dichloroethene	ND	6.4	ug/kg	1.1
cis-1,2-Dichloroethene	ND	6.4	ug/kg	0.89
trans-1,2-Dichloroethene	ND	6.4	ug/kg	0.76
1,2-Dichloropropane	ND	6.4	ug/kg	0.69
cis-1,3-Dichloropropene	ND	6.4	ug/kg	0.86
trans-1,3-Dichloropropene	ND	6.4	ug/kg	0.76
Ethylbenzene	**15**	**6.4**	**ug/kg**	**0.82**
2-Hexanone	ND	6.4	ug/kg	0.88
Isopropylbenzene	**29**	**6.4**	**ug/kg**	**0.86**
Methyl acetate	ND	6.4	ug/kg	1.1
Methylene chloride	~~**3.0 J,B**~~ 6.4 U	**6.4**	**ug/kg**	**0.86**
Methylcyclohexane	**5.4 J**	**6.4**	**ug/kg**	**0.92**
4-Methyl-2-pentanone	ND	6.4	ug/kg	0.83
Methyl tert-butyl ether	ND	6.4	ug/kg	0.95

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ENSR International

Client Sample ID: SB41(15-17)

GC/MS Volatiles

Lot-Sample #...: C8J100124-003 **Work Order #...:** K0KCM1AK **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Styrene	ND	6.4	ug/kg	0.68
1,1,2,2-Tetrachloroethane	ND	6.4	ug/kg	0.91
1,2,4-Trichloro-benzene	ND	6.4	ug/kg	1.1
Tetrachloroethene	ND	6.4	ug/kg	0.87
1,1,1-Trichloroethane	ND	6.4	ug/kg	0.62
1,1,2-Trichloroethane	ND	6.4	ug/kg	1.1
Trichloroethene	ND	6.4	ug/kg	0.84
Trichlorofluoromethane	ND	6.4	ug/kg	1.2
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	6.4	ug/kg	1.4
Vinyl chloride	ND	6.4	ug/kg	0.60
Xylenes (total)	**3.1 J**	**19**	**ug/kg**	**2.8**
Toluene	**2.4 J**	**6.4**	**ug/kg**	**0.93**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	119	(52 - 124)
Toluene-d8	113	(72 - 127)
4-Bromofluorobenzene	102	(63 - 120)
Dibromofluoromethane	111	(68 - 121)

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.

ENSR International

Client Sample ID: SB41(15-17)

GC/MS Semivolatiles

Lot-Sample #...:	C8J100124-003	Work Order #...:	K0KCM1AL	Matrix.....:	SO
Date Sampled...:	10/08/08 15:30	Date Received..:	10/09/08 09:30	MS Run #.....:	8287002
Prep Date.....:	10/13/08	Analysis Date..:	10/14/08		
Prep Batch #...:	8287010	Analysis Time..:	05:58		
Dilution Factor:	4.95	Initial Wgt/Vol:	15.2 g	Final Wgt/Vol..:	5 mL
% Moisture.....:	21	Analyst ID.....:	007062	Instrument ID..:	722
		Method.....:	SW846 8270C		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	**13000**	**420**	**ug/kg**	**110**
Acenaphthylene	**3800**	**420**	**ug/kg**	**120**
Acetophenone	ND	2100	ug/kg	130
Anthracene	**18000**	**420**	**ug/kg**	**120**
Atrazine	ND 2100 UJ	2100	ug/kg	140
Benzo(a)anthracene	**23000**	**420**	**ug/kg**	**83**
Benzo(a)pyrene	**20000**	**420**	**ug/kg**	**64**
Benzo(b)fluoranthene	**29000**	**420**	**ug/kg**	**80**
Benzo(ghi)perylene	**13000**	**420**	**ug/kg**	**71**
Benzo(k)fluoranthene	ND	420	ug/kg	67
Benzaldehyde	ND	2100	ug/kg	220
1,1'-Biphenyl	**2800**	**2100**	**ug/kg**	**110**
bis(2-Chloroethoxy) methane	ND	2100	ug/kg	97
bis(2-Chloroethyl)-ether	ND	420	ug/kg	47
bis(2-Ethylhexyl) phthalate	**1500 J**	**2100**	**ug/kg**	**160**
4-Bromophenyl phenyl ether	ND	2100	ug/kg	94
Butyl benzyl phthalate	ND	2100	ug/kg	170
Caprolactam	ND	11000	ug/kg	400
Carbazole	**4400**	**420**	**ug/kg**	**86**
4-Chloroaniline	ND	2100	ug/kg	180
4-Chloro-3-methylphenol	ND	2100	ug/kg	130
2-Chloronaphthalene	ND	420	ug/kg	120
2-Chlorophenol	ND	2100	ug/kg	110
4-Chlorophenyl phenyl ether	ND	2100	ug/kg	100
Chrysene	**17000**	**420**	**ug/kg**	**83**
Dibenz(a,h)anthracene	**3300**	**420**	**ug/kg**	**130**
Dibenzofuran	**3600**	**2100**	**ug/kg**	**120**
3,3'-Dichlorobenzidine	ND 2100 UJ	2100	ug/kg	470
2,4-Dichlorophenol	ND	420	ug/kg	62
Diethyl phthalate	ND	2100	ug/kg	190
2,4-Dimethylphenol	**190 J**	**2100**	**ug/kg**	**90**
Dimethyl phthalate	ND	2100	ug/kg	120

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ENSR International

Client Sample ID: SB41(15-17)

GC/MS Semivolatiles

Lot-Sample #...: C8J100124-003 Work Order #...: K0KCM1AL Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-butyl phthalate	ND	2100	ug/kg	350
4,6-Dinitro-2-methylphenol	ND	11000	ug/kg	1500
2,4-Dinitrophenol	ND	11000	ug/kg	2500
2,4-Dinitrotoluene	ND	2100	ug/kg	110
2,6-Dinitrotoluene	ND	2100	ug/kg	130
Di-n-octyl phthalate	ND	2100	ug/kg	150
Fluoranthene	**47000**	**420**	**ug/kg**	**130**
Fluorene	**10000**	**420**	**ug/kg**	**100**
Hexachlorobenzene	ND	420	ug/kg	130
Hexachlorobutadiene	ND	420	ug/kg	130
Hexachlorocyclopentadiene	ND 2100 U5	2100	ug/kg	96
Hexachloroethane	ND	2100	ug/kg	93
Indeno(1,2,3-cd)pyrene	**12000**	**420**	**ug/kg**	**74**
Isophorone	ND	2100	ug/kg	120
2-Methylnaphthalene	**1200**	**420**	**ug/kg**	**120**
2-Methylphenol	ND	2100	ug/kg	130
4-Methylphenol	ND	2100	ug/kg	130
Naphthalene	**13000**	**420**	**ug/kg**	**100**
2-Nitroaniline	ND	11000	ug/kg	130
3-Nitroaniline	ND	11000	ug/kg	180
4-Nitroaniline	ND 11000 U5	11000	ug/kg	88
Nitrobenzene	ND	420	ug/kg	52
2-Nitrophenol	ND	2100	ug/kg	170
4-Nitrophenol	ND	11000	ug/kg	160
N-Nitrosodi-n-propylamine	ND	420	ug/kg	51
N-Nitrosodiphenylamine	ND	420	ug/kg	110
2,2'-oxybis(1-Chloropropane)	ND	420	ug/kg	130
Pentachlorophenol	ND	2100	ug/kg	160
Phenanthrene	**67000**	**420**	**ug/kg**	**100**
Phenol	ND	420	ug/kg	130
Pyrene	**57000**	**420**	**ug/kg**	**130**
2,4,5-Trichlorophenol	ND	2100	ug/kg	170
2,4,6-Trichlorophenol	ND	2100	ug/kg	170

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ENSR International

Client Sample ID: SB41(15-17)

GC/MS Semivolatiles

Lot-Sample #...: C8J100124-003 Work Order #...: K0KCM1AL Matrix.....: SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	80	(50 - 124)
2-Fluorobiphenyl	77	(49 - 105)
2-Fluorophenol	68	(39 - 103)
Nitrobenzene-d5	69	(25 - 104)
Phenol-d5	76	(25 - 105)
Terphenyl-d14	81	(25 - 127)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

ENSR International

Client Sample ID: SB41(15-17)

TOTAL Metals

Lot-Sample #...: C8J100124-003 Matrix.....: SO
Date Sampled...: 10/08/08 Date Received..: 10/09/08
% Moisture.....: 21

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8289530						
Silver	ND	0.64	mg/kg	SW846 6010B	10/15-10/23/08	K0KCM1AM
		Dilution Factor: 1		Analysis Time..: 23:14	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8289320	MDL.....: 0.084	
Aluminum	**5020**	**25.4**	**mg/kg**	**SW846 6010B**	**10/15-10/23/08**	**K0KCM1AN**
		Dilution Factor: 1		Analysis Time..: 23:14	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8289320	MDL.....: 3.0	
Arsenic	**3.0**	**1.3**	**mg/kg**	**SW846 6010B**	**10/15-10/23/08**	**K0KCM1AP**
		Dilution Factor: 1		Analysis Time..: 23:14	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8289320	MDL.....: 0.37	
Barium	**27.2**	**25.4**	**mg/kg**	**SW846 6010B**	**10/15-10/23/08**	**K0KCM1AQ**
		Dilution Factor: 1		Analysis Time..: 23:14	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8289320	MDL.....: 0.10	
Beryllium	~~0.42 B~~ 0.51U	**0.51**	**mg/kg**	**SW846 6010B**	**10/15-10/23/08**	**K0KCM1AR**
		Dilution Factor: 1		Analysis Time..: 23:14	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8289320	MDL.....: 0.019	
Calcium	**24500 J**	**636**	**mg/kg**	**SW846 6010B**	**10/15-10/23/08**	**K0KCM1AT**
		Dilution Factor: 1		Analysis Time..: 23:14	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8289320	MDL.....: 2.2	
Cadmium	**0.051 B J**	**0.64**	**mg/kg**	**SW846 6010B**	**10/15-10/23/08**	**K0KCM1AU**
		Dilution Factor: 1		Analysis Time..: 23:14	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8289320	MDL.....: 0.027	
Cobalt	**4.0 B J**	**6.4**	**mg/kg**	**SW846 6010B**	**10/15-10/23/08**	**K0KCM1AV**
		Dilution Factor: 1		Analysis Time..: 23:14	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8289320	MDL.....: 0.10	
Chromium	**6.6**	**0.64**	**mg/kg**	**SW846 6010B**	**10/15-10/23/08**	**K0KCM1AW**
		Dilution Factor: 1		Analysis Time..: 23:14	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8289320	MDL.....: 0.071	

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ENSR International

Client Sample ID: SB41(15-17)

TOTAL Metals

Lot-Sample #...: C8J100124-003 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Copper	10.3	3.2	mg/kg	SW846 6010B	10/15-10/23/08	K0KCM1AX
		Dilution Factor: 1		Analysis Time..: 23:14	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8289320	MDL.....: 0.34	
Iron	11500 J	12.7	mg/kg	SW846 6010B	10/15-10/23/08	K0KCM1A0
		Dilution Factor: 1		Analysis Time..: 23:14	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8289320	MDL.....: 1.6	
Potassium	643	636	mg/kg	SW846 6010B	10/15-10/23/08	K0KCM1A1
		Dilution Factor: 1		Analysis Time..: 23:14	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8289320	MDL.....: 95.4	
Magnesium	2410	636	mg/kg	SW846 6010B	10/15-10/23/08	K0KCM1A2
		Dilution Factor: 1		Analysis Time..: 23:14	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8289320	MDL.....: 2.7	
Manganese	94.6	1.9	mg/kg	SW846 6010B	10/15-10/23/08	K0KCM1A3
		Dilution Factor: 1		Analysis Time..: 23:14	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8289320	MDL.....: 0.078	
Sodium	164 B J	636	mg/kg	SW846 6010B	10/15-10/23/08	K0KCM1A4
		Dilution Factor: 1		Analysis Time..: 23:14	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8289320	MDL.....: 18.5	
Nickel	8.6	5.1	mg/kg	SW846 6010B	10/15-10/23/08	K0KCM1A5
		Dilution Factor: 1		Analysis Time..: 23:14	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8289320	MDL.....: 0.18	
Lead	10.8	0.38	mg/kg	SW846 6010B	10/15-10/23/08	K0KCM1A6
		Dilution Factor: 1		Analysis Time..: 23:14	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8289320	MDL.....: 0.20	
Selenium	ND	0.64	mg/kg	SW846 6010B	10/15-10/23/08	K0KCM1AA
		Dilution Factor: 1		Analysis Time..: 23:14	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8289320	MDL.....: 0.22	
Thallium	ND	1.3	mg/kg	SW846 6010B	10/15-10/23/08	K0KCM1AC
		Dilution Factor: 1		Analysis Time..: 23:14	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8289320	MDL.....: 0.39	

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ENSR International

Client Sample ID: SB41(15-17)

TOTAL Metals

Lot-Sample #...: C8J100124-003 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	ND	1.3	mg/kg	SW846 6010B	10/15-10/23/08	K0KCM1AD
		Dilution Factor: 1		Analysis Time..: 23:14	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8289320	MDL.....: 0.27	
Vanadium	12.4	6.4	mg/kg	SW846 6010B	10/15-10/23/08	K0KCM1AE
		Dilution Factor: 1		Analysis Time..: 23:14	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8289320	MDL.....: 0.31	
Zinc	30.2 J	2.5	mg/kg	SW846 6010B	10/15-10/23/08	K0KCM1AF
		Dilution Factor: 1		Analysis Time..: 23:14	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8289320	MDL.....: 0.24	
Prep Batch #...: 8294184						
Mercury	0.077	0.042	mg/kg	SW846 7471A	10/20/08	K0KCM1AG
		Dilution Factor: 1		Analysis Time..: 16:05	Analyst ID.....: 401509	
		Instrument ID..: HGHYDRA		MS Run #.....: 8294107	MDL.....: 0.0032	

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.

ENSR International

Client Sample ID: SB4(20-22)

GC/MS Volatiles

Lot-Sample #...: C8J100124-004	**Work Order #...:** K0KCQ1AK	**Matrix.....:** SO
Date Sampled...: 10/08/08	**Date Received..:** 10/09/08	**MS Run #.....:** 8291289
Prep Date.....: 10/17/08	**Analysis Date..:** 10/17/08	
Prep Batch #...: 8291500	**Analysis Time..:** 23:17	
Dilution Factor: 1	**Initial Wgt/Vol:** 5 g	**Final Wgt/Vol..:** 5 mL
% Moisture.....: 23	**Analyst ID.....:** 403419	**Instrument ID..:** HP3
	Method.....: SW846 8260B	

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	26	ug/kg	6.5
Benzene	ND	6.5	ug/kg	0.88
Bromodichloromethane	ND	6.5	ug/kg	0.73
Bromoform	ND	6.5	ug/kg	0.58
Bromomethane	ND	6.5	ug/kg	0.96
2-Butanone	ND	6.5	ug/kg	1.2
Carbon disulfide	ND	6.5	ug/kg	0.67
Carbon tetrachloride	ND	6.5	ug/kg	0.58
Chlorobenzene	ND	6.5	ug/kg	0.99
Chloroethane	ND	6.5	ug/kg	2.0
Chloroform	ND	6.5	ug/kg	0.76
Chloromethane	ND	6.5	ug/kg	1.1
Cyclohexane	ND	6.5	ug/kg	0.48
Dibromochloromethane	ND	6.5	ug/kg	0.93
1,2-Dibromo-3-chloro-propane	ND	6.5	ug/kg	0.98
1,2-Dibromoethane	ND	6.5	ug/kg	1.1
1,3-Dichlorobenzene	ND	6.5	ug/kg	0.86
1,4-Dichlorobenzene	ND	6.5	ug/kg	0.83
1,2-Dichlorobenzene	ND	6.5	ug/kg	1.0
Dichlorodifluoromethane	ND	6.5	ug/kg	0.87
1,1-Dichloroethane	ND	6.5	ug/kg	0.75
1,2-Dichloroethane	ND	6.5	ug/kg	0.80
1,1-Dichloroethene	ND	6.5	ug/kg	1.1
cis-1,2-Dichloroethene	ND	6.5	ug/kg	0.92
trans-1,2-Dichloroethene	ND	6.5	ug/kg	0.78
1,2-Dichloropropane	ND	6.5	ug/kg	0.71
cis-1,3-Dichloropropene	ND	6.5	ug/kg	0.88
trans-1,3-Dichloropropene	ND	6.5	ug/kg	0.78
Ethylbenzene	ND	6.5	ug/kg	0.84
2-Hexanone	ND	6.5	ug/kg	0.90
Isopropylbenzene	ND	6.5	ug/kg	0.89
Methyl acetate	ND	6.5	ug/kg	1.2
Methylene chloride	~~2.5 J,B~~ 6.5U	**6.5**	**ug/kg**	**0.88**
Methylcyclohexane	ND	6.5	ug/kg	0.95
4-Methyl-2-pentanone	ND	6.5	ug/kg	0.85
Methyl tert-butyl ether	ND	6.5	ug/kg	0.98

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ENSR International

Client Sample ID: SB4(20-22)

GC/MS Volatiles

Lot-Sample #...: C8J100124-004 Work Order #...: K0KCQ1AK Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Styrene	ND	6.5	ug/kg	0.69
1,1,2,2-Tetrachloroethane	ND	6.5	ug/kg	0.94
1,2,4-Trichloro-benzene	ND	6.5	ug/kg	1.2
Tetrachloroethene	ND	6.5	ug/kg	0.89
1,1,1-Trichloroethane	ND	6.5	ug/kg	0.63
1,1,2-Trichloroethane	ND	6.5	ug/kg	1.1
Trichloroethene	ND	6.5	ug/kg	0.86
Trichlorofluoromethane	ND	6.5	ug/kg	1.2
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	6.5	ug/kg	1.4
Vinyl chloride	ND	6.5	ug/kg	0.61
Xylenes (total)	ND	20	ug/kg	2.9
Toluene	ND	6.5	ug/kg	0.95

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	109	(52 - 124)
Toluene-d8	107	(72 - 127)
4-Bromofluorobenzene	93	(63 - 120)
Dibromofluoromethane	108	(68 - 121)

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.

ENSR International

Client Sample ID: SB4(20-22)

GC/MS Semivolatiles

Lot-Sample #...:	C8J100124-004	Work Order #...:	K0KCQ1AL	Matrix.....:	SO
Date Sampled...:	10/08/08 15:45	Date Received..:	10/09/08 09:30	MS Run #.....:	8287002
Prep Date.....:	10/13/08	Analysis Date..:	10/14/08		
Prep Batch #...:	8287010	Analysis Time..:	06:19		
Dilution Factor:	1	Initial Wgt/Vol:	15 g	Final Wgt/Vol..:	5 mL
% Moisture.....:	23	Analyst ID.....:	007062	Instrument ID..:	722
		Method.....:	SW846 8270C		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	87	ug/kg	23
Acenaphthylene	ND	87	ug/kg	25
Acetophenone	ND	430	ug/kg	26
Anthracene	ND	87	ug/kg	25
Atrazine	ND 430 U5	430	ug/kg	30
Benzo(a)anthracene	ND	87	ug/kg	17
Benzo(a)pyrene	ND	87	ug/kg	13
Benzo(b)fluoranthene	ND	87	ug/kg	17
Benzo(ghi)perylene	ND	87	ug/kg	15
Benzo(k)fluoranthene	ND	87	ug/kg	14
Benzaldehyde	ND	430	ug/kg	46
1,1'-Biphenyl	ND	430	ug/kg	24
bis(2-Chloroethoxy) methane	ND	430	ug/kg	20
bis(2-Chloroethyl)-ether	ND	87	ug/kg	9.7
bis(2-Ethylhexyl) phthalate	ND	430	ug/kg	33
4-Bromophenyl phenyl ether	ND	430	ug/kg	19
Butyl benzyl phthalate	ND	430	ug/kg	35
Caprolactam	ND	2200	ug/kg	82
Carbazole	ND	87	ug/kg	18
4-Chloroaniline	ND	430	ug/kg	37
4-Chloro-3-methylphenol	ND	430	ug/kg	26
2-Chloronaphthalene	ND	87	ug/kg	25
2-Chlorophenol	ND	430	ug/kg	22
4-Chlorophenyl phenyl ether	ND	430	ug/kg	21
Chrysene	ND	87	ug/kg	17
Dibenz(a,h)anthracene	ND	87	ug/kg	27
Dibenzofuran	ND	430	ug/kg	24
3,3'-Dichlorobenzidine	ND 430 U5	430	ug/kg	97
2,4-Dichlorophenol	ND	87	ug/kg	13
Diethyl phthalate	ND	430	ug/kg	39
2,4-Dimethylphenol	ND	430	ug/kg	19
Dimethyl phthalate	ND	430	ug/kg	24

(Continued on next page)

ENSR International

Client Sample ID: SB4(20-22)

GC/MS Semivolatiles

Lot-Sample #...: C8J100124-004 Work Order #...: K0KCQ1AL Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-butyl phthalate	ND	430	ug/kg	72
4,6-Dinitro-2-methylphenol	ND	2200	ug/kg	310
2,4-Dinitrophenol	ND	2200	ug/kg	510
2,4-Dinitrotoluene	ND	430	ug/kg	22
2,6-Dinitrotoluene	ND	430	ug/kg	28
Di-n-octyl phthalate	ND	430	ug/kg	30
Fluoranthene	ND	87	ug/kg	28
Fluorene	ND	87	ug/kg	21
Hexachlorobenzene	ND	87	ug/kg	26
Hexachlorobutadiene	ND	87	ug/kg	26
Hexachlorocyclopentadiene	ND 430 U5	430	ug/kg	20
Hexachloroethane	ND	430	ug/kg	19
Indeno(1,2,3-cd)pyrene	ND	87	ug/kg	15
Isophorone	ND	430	ug/kg	24
2-Methylnaphthalene	ND	87	ug/kg	24
2-Methylphenol	ND	430	ug/kg	27
4-Methylphenol	ND	430	ug/kg	27
Naphthalene	**120**	**87**	**ug/kg**	**21**
2-Nitroaniline	ND	2200	ug/kg	26
3-Nitroaniline	ND	2200	ug/kg	37
4-Nitroaniline	ND 2200 U5	2200	ug/kg	18
Nitrobenzene	ND	87	ug/kg	11
2-Nitrophenol	ND	430	ug/kg	34
4-Nitrophenol	ND	2200	ug/kg	34
N-Nitrosodi-n-propylamine	ND	87	ug/kg	11
N-Nitrosodiphenylamine	ND	87	ug/kg	23
2,2'-oxybis(1-Chloropropane)	ND	87	ug/kg	26
Pentachlorophenol	ND	430	ug/kg	32
Phenanthrene	**31 J**	**87**	**ug/kg**	**21**
Phenol	ND	87	ug/kg	26
Pyrene	ND	87	ug/kg	26
2,4,5-Trichlorophenol	ND	430	ug/kg	36
2,4,6-Trichlorophenol	ND	430	ug/kg	35

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ENSR International

Client Sample ID: SB4(20-22)

GC/MS Semivolatiles

Lot-Sample #...: C8J100124-004 Work Order #...: K0KCQ1AL Matrix.....: SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	59	(50 - 124)
2-Fluorobiphenyl	58	(49 - 105)
2-Fluorophenol	63	(39 - 103)
Nitrobenzene-d5	62	(25 - 104)
Phenol-d5	65	(25 - 105)
Terphenyl-d14	76	(25 - 127)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

ENSR International

Client Sample ID: SB4(20-22)

TOTAL Metals

Lot-Sample #...: C8J100124-004 Matrix.....: SO
Date Sampled...: 10/08/08 Date Received..: 10/09/08
% Moisture.....: 23

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8289530						
Silver	0.29 B J	0.65	mg/kg	SW846 6010B	10/15-10/23/08	K0KCQ1AM
		Dilution Factor: 1		Analysis Time..: 23:20	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8289320	MDL.....: 0.086	
Aluminum	5160	26.1	mg/kg	SW846 6010B	10/15-10/23/08	K0KCQ1AN
		Dilution Factor: 1		Analysis Time..: 23:20	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8289320	MDL.....: 3.1	
Arsenic	1.9	1.3	mg/kg	SW846 6010B	10/15-10/23/08	K0KCQ1AP
		Dilution Factor: 1		Analysis Time..: 23:20	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8289320	MDL.....: 0.38	
Barium	32.7	26.1	mg/kg	SW846 6010B	10/15-10/23/08	K0KCQ1AQ
		Dilution Factor: 1		Analysis Time..: 23:20	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8289320	MDL.....: 0.10	
Beryllium	~~0.43 B~~ 0.52 U	0.52	mg/kg	SW846 6010B	10/15-10/23/08	K0KCQ1AR
		Dilution Factor: 1		Analysis Time..: 23:20	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8289320	MDL.....: 0.020	
Calcium	24500 J	653	mg/kg	SW846 6010B	10/15-10/23/08	K0KCQ1AT
		Dilution Factor: 1		Analysis Time..: 23:20	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8289320	MDL.....: 2.2	
Cadmium	0.14 B J	0.65	mg/kg	SW846 6010B	10/15-10/23/08	K0KCQ1AU
		Dilution Factor: 1		Analysis Time..: 23:20	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8289320	MDL.....: 0.027	
Cobalt	5.4 B J	6.5	mg/kg	SW846 6010B	10/15-10/23/08	K0KCQ1AV
		Dilution Factor: 1		Analysis Time..: 23:20	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8289320	MDL.....: 0.11	
Chromium	8.5	0.65	mg/kg	SW846 6010B	10/15-10/23/08	K0KCQ1AW
		Dilution Factor: 1		Analysis Time..: 23:20	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8289320	MDL.....: 0.073	

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ENSR International

Client Sample ID: SB4(20-22)

TOTAL Metals

Lot-Sample #...: C8J100124-004 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Copper	10.7	3.3	mg/kg	SW846 6010B	10/15-10/23/08	K0KCQ1AX
		Dilution Factor: 1		Analysis Time..: 23:20	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8289320	MDL.....: 0.34	
Iron	13600 ~~J~~	13.1	mg/kg	SW846 6010B	10/15-10/23/08	K0KCQ1A0
		Dilution Factor: 1		Analysis Time..: 23:20	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8289320	MDL.....: 1.7	
Potassium	917	653	mg/kg	SW846 6010B	10/15-10/23/08	K0KCQ1A1
		Dilution Factor: 1		Analysis Time..: 23:20	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8289320	MDL.....: 97.9	
Magnesium	8760	653	mg/kg	SW846 6010B	10/15-10/23/08	K0KCQ1A2
		Dilution Factor: 1		Analysis Time..: 23:20	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8289320	MDL.....: 2.7	
Manganese	954	2.0	mg/kg	SW846 6010B	10/15-10/23/08	K0KCQ1A3
		Dilution Factor: 1		Analysis Time..: 23:20	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8289320	MDL.....: 0.080	
Sodium	282 ~~B~~ J	653	mg/kg	SW846 6010B	10/15-10/23/08	K0KCQ1A4
		Dilution Factor: 1		Analysis Time..: 23:20	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8289320	MDL.....: 18.9	
Nickel	12.5	5.2	mg/kg	SW846 6010B	10/15-10/23/08	K0KCQ1A5
		Dilution Factor: 1		Analysis Time..: 23:20	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8289320	MDL.....: 0.19	
Lead	5.2	0.39	mg/kg	SW846 6010B	10/15-10/23/08	K0KCQ1A6
		Dilution Factor: 1		Analysis Time..: 23:20	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8289320	MDL.....: 0.20	
Selenium	ND	0.65	mg/kg	SW846 6010B	10/15-10/23/08	K0KCQ1AA
		Dilution Factor: 1		Analysis Time..: 23:20	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8289320	MDL.....: 0.23	
Thallium	ND	1.3	mg/kg	SW846 6010B	10/15-10/23/08	K0KCQ1AC
		Dilution Factor: 1		Analysis Time..: 23:20	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8289320	MDL.....: 0.40	

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ENSR International

Client Sample ID: SB4(20-22)

TOTAL Metals

Lot-Sample #...: C8J100124-004 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	ND	1.3	mg/kg	SW846 6010B	10/15-10/23/08	K0KCQ1AD
		Dilution Factor: 1		Analysis Time..: 23:20	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8289320	MDL.....: 0.28	
Vanadium	15.6	6.5	mg/kg	SW846 6010B	10/15-10/23/08	K0KCQ1AE
		Dilution Factor: 1		Analysis Time..: 23:20	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8289320	MDL.....: 0.32	
Zinc	35.5 J	2.6	mg/kg	SW846 6010B	10/15-10/23/08	K0KCQ1AF
		Dilution Factor: 1		Analysis Time..: 23:20	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8289320	MDL.....: 0.24	
Prep Batch #...: 8294184						
Mercury	ND UJ	0.043	mg/kg	SW846 7471A	10/20/08	K0KCQ1AG
		Dilution Factor: 1		Analysis Time..: 16:06	Analyst ID.....: 401509	
		Instrument ID..: HGHYDRA		MS Run #.....: 8294107	MDL.....: 0.0033	

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.

ENSR International

Client Sample ID: SB44(38-40)

GC/MS Volatiles

Lot-Sample #...:	C8K070273-003	Work Order #...:	K2HCW1AK	Matrix.....:	SO
Date Sampled...:	11/05/08	Date Received..:	11/07/08	MS Run #.....:	8316224
Prep Date.....:	11/11/08	Analysis Date..:	11/11/08		
Prep Batch #...:	8316342	Analysis Time..:	13:20		
Dilution Factor:	50	Initial Wgt/Vol:	5 g	Final Wgt/Vol..:	5 mL
% Moisture.....:	17	Analyst ID.....:	034635	Instrument ID..:	HP4
		Method.....:	SW846 8260B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	60000	ug/kg	15000
Benzene	ND	15000	ug/kg	3000
Bromodichloromethane	ND	15000	ug/kg	2800
Bromoform	ND	15000	ug/kg	3200
Bromomethane	ND	15000	ug/kg	4700
2-Butanone	ND	15000	ug/kg	3300
Carbon disulfide	ND	15000	ug/kg	3200
Carbon tetrachloride	ND	15000	ug/kg	3300
Chlorobenzene	ND	15000	ug/kg	1600
Chloroethane	ND	15000	ug/kg	2200
Chloroform	ND	15000	ug/kg	3000
Chloromethane	ND	15000	ug/kg	4200
Cyclohexane	ND	15000	ug/kg	1800
Dibromochloromethane	ND	15000	ug/kg	1900
1,2-Dibromo-3-chloro-propane	ND	15000	ug/kg	1100
1,2-Dibromoethane	ND	15000	ug/kg	1800
1,3-Dichlorobenzene	ND	15000	ug/kg	1500
1,4-Dichlorobenzene	ND	15000	ug/kg	1600
1,2-Dichlorobenzene	ND	15000	ug/kg	2000
Dichlorodifluoromethane	ND 15000 UJ	15000	ug/kg	1900
1,1-Dichloroethane	ND	15000	ug/kg	3000
1,2-Dichloroethane	ND	15000	ug/kg	2900
1,1-Dichloroethene	ND	15000	ug/kg	3200
cis-1,2-Dichloroethene	ND	15000	ug/kg	2000
trans-1,2-Dichloroethene	ND	15000	ug/kg	2300
1,2-Dichloropropane	ND	15000	ug/kg	3800
cis-1,3-Dichloropropene	ND	15000	ug/kg	2200
trans-1,3-Dichloropropene	ND	15000	ug/kg	1800
Ethylbenzene	**300000 J**	**15000**	**ug/kg**	**1900**
2-Hexanone	ND	15000	ug/kg	1700
Isopropylbenzene	**46000 J**	**15000**	**ug/kg**	**1600**
Methyl acetate	ND	15000	ug/kg	3700
Methylene chloride	ND	15000	ug/kg	3300
Methylcyclohexane	**1700 J**	**15000**	**ug/kg**	**1700**
4-Methyl-2-pentanone	ND	15000	ug/kg	1800
Methyl tert-butyl ether	ND	15000	ug/kg	3100

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ENSR International

Client Sample ID: SB44(38-40)

GC/MS Volatiles

Lot-Sample #...: C8K070273-003 **Work Order #...:** K2HCW1AK **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Styrene	ND	15000	ug/kg	1900
1,1,2,2-Tetrachloroethane	ND	15000	ug/kg	2800
1,2,4-Trichloro-benzene	ND	15000	ug/kg	1100
Tetrachloroethene	ND	15000	ug/kg	2500
1,1,1-Trichloroethane	ND	15000	ug/kg	3100
1,1,2-Trichloroethane	ND	15000	ug/kg	3500
Trichloroethene	ND	15000	ug/kg	2400
Trichlorofluoromethane	ND	15000	ug/kg	3400
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	15000	ug/kg	990
Vinyl chloride	ND	15000	ug/kg	3900
Xylenes (total)	**450000 J**	**45000**	**ug/kg**	**5900**
Toluene	**9700 J**	**15000**	**ug/kg**	**2500**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	111	(52 - 124)
Toluene-d8	102	(72 - 127)
4-Bromofluorobenzene	106	(63 - 120)
Dibromofluoromethane	101	(68 - 121)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

ENSR International

Client Sample ID: SB44(38-40)

GC/MS Semivolatiles

Lot-Sample #...:	C8K070273-003	Work Order #...:	K2HCW1AL	Matrix.....:	SO
Date Sampled...:	11/05/08 13:30	Date Received..:	11/07/08 09:45	MS Run #.....:	8319027
Prep Date.....:	11/14/08	Analysis Date..:	11/15/08		
Prep Batch #...:	8319030	Analysis Time..:	10:05		
Dilution Factor:	100	Initial Wgt/Vol:	15 g	Final Wgt/Vol..:	5 mL
% Moisture.....:	17	Analyst ID.....:	003200	Instrument ID..:	731
		Method.....:	SW846 8270C		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	**460000**	**8100**	**ug/kg**	**2100**
Acenaphthylene	**84000**	**8100**	**ug/kg**	**2300**
Acetophenone	ND	40000	ug/kg	2400
Anthracene	**220000**	**8100**	**ug/kg**	**2300**
Atrazine	ND	40000	ug/kg	2700
Benzo(a)anthracene	**130000**	**8100**	**ug/kg**	**1600**
Benzo(a)pyrene	**85000**	**8100**	**ug/kg**	**1200**
Benzo(b)fluoranthene	**78000**	**8100**	**ug/kg**	**1500**
Benzo(ghi)perylene	**32000**	**8100**	**ug/kg**	**1400**
Benzo(k)fluoranthene	ND	8100	ug/kg	1300
Benzaldehyde	ND	40000	ug/kg	4200
1,1'-Biphenyl	**98000**	**40000**	**ug/kg**	**2200**
bis(2-Chloroethoxy) methane	ND	40000	ug/kg	1900
bis(2-Chloroethyl)-ether	ND	8100	ug/kg	900
bis(2-Ethylhexyl) phthalate	ND	40000	ug/kg	3100
4-Bromophenyl phenyl ether	ND	40000	ug/kg	1800
Butyl benzyl phthalate	ND	40000	ug/kg	3200
Caprolactam	ND	200000	ug/kg	7500
Carbazole	**4600 J**	**8100**	**ug/kg**	**1600**
4-Chloroaniline	ND	40000	ug/kg	3400
4-Chloro-3-methylphenol	ND	40000	ug/kg	2400
2-Chloronaphthalene	ND	8100	ug/kg	2300
2-Chlorophenol	ND	40000	ug/kg	2000
4-Chlorophenyl phenyl ether	ND	40000	ug/kg	2000
Chrysene	**110000**	**8100**	**ug/kg**	**1600**
Dibenz(a,h)anthracene	**8200**	**8100**	**ug/kg**	**2500**
Dibenzofuran	**23000 J**	**40000**	**ug/kg**	**2200**
3,3'-Dichlorobenzidine	ND	40000	ug/kg	9000
2,4-Dichlorophenol	ND	8100	ug/kg	1200
Diethyl phthalate	ND	40000	ug/kg	3600
2,4-Dimethylphenol	ND	40000	ug/kg	1700
Dimethyl phthalate	ND	40000	ug/kg	2300

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ENSR International

Client Sample ID: SB44(38-40)

GC/MS Semivolatiles

Lot-Sample #...: C8K070273-003 **Work Order #...:** K2HCW1AL **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-butyl phthalate	ND	40000	ug/kg	6600
4,6-Dinitro-2-methylphenol	ND	200000	ug/kg	28000
2,4-Dinitrophenol	ND	200000	ug/kg	47000
2,4-Dinitrotoluene	ND	40000	ug/kg	2100
2,6-Dinitrotoluene	ND	40000	ug/kg	2600
Di-n-octyl phthalate	ND	40000	ug/kg	2800
Fluoranthene	**220000**	**8100**	**ug/kg**	**2600**
Fluorene	**250000**	**8100**	**ug/kg**	**1900**
Hexachlorobenzene	ND	8100	ug/kg	2400
Hexachlorobutadiene	ND	8100	ug/kg	2400
Hexachlorocyclopentadiene	ND 40000 UJ	40000	ug/kg	1800
Hexachloroethane	ND	40000	ug/kg	1800
Indeno(1,2,3-cd)pyrene	**23000**	**8100**	**ug/kg**	**1400**
Isophorone	ND	40000	ug/kg	2200
2-Methylnaphthalene	**790000**	**8100**	**ug/kg**	**2200**
2-Methylphenol	ND	40000	ug/kg	2500
4-Methylphenol	ND	40000	ug/kg	2500
Naphthalene 1700000 ~~1700000 E~~		**8100**	**ug/kg**	**1900**
2-Nitroaniline	ND	200000	ug/kg	2400
3-Nitroaniline	ND	200000	ug/kg	3400
4-Nitroaniline	ND	200000	ug/kg	1700
Nitrobenzene	ND	8100	ug/kg	990
2-Nitrophenol	ND	40000	ug/kg	3200
4-Nitrophenol	ND	200000	ug/kg	3100
N-Nitrosodi-n-propylamine	ND	8100	ug/kg	980
N-Nitrosodiphenylamine	ND	8100	ug/kg	2200
2,2'-oxybis (1-Chloropropane)	ND	8100	ug/kg	2400
Pentachlorophenol	ND	40000	ug/kg	3000
Phenanthrene	**730000**	**8100**	**ug/kg**	**1900**
Phenol	ND	8100	ug/kg	2400
Pyrene	**310000**	**8100**	**ug/kg**	**2400**
2,4,5-Trichlorophenol	ND	40000	ug/kg	3300
2,4,6-Trichlorophenol	ND	40000	ug/kg	3200

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ENSR International

Client Sample ID: SB44(38-40)

GC/MS Semivolatiles

Lot-Sample #...: C8K070273-003 Work Order #...: K2HCW1AL Matrix.....: SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	NC,DIL	(50 - 124)
2-Fluorobiphenyl	NC,DIL	(49 - 105)
2-Fluorophenol	NC,DIL	(39 - 103)
Nitrobenzene-d5	NC,DIL	(25 - 104)
Phenol-d5	NC,DIL	(25 - 105)
Terphenyl-d14	NC,DIL	(25 - 127)

NOTE(S):

NC The recovery and/or RPD were not calculated.

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.

E Estimated result. Result concentration exceeds the calibration range.

ENSR International

Client Sample ID: SB44(38-40)

GC/MS Semivolatiles

Lot-Sample #...:	C8K070273-003	Work Order #...:	K2HCW2AL	Matrix.....:	SO
Date Sampled...:	11/05/08 13:30	Date Received..:	11/07/08 09:45	MS Run #.....:	8319027
Prep Date.....:	11/14/08	Analysis Date..:	11/15/08		
Prep Batch #...:	8319030	Analysis Time..:	15:06		
Dilution Factor:	400	Initial Wgt/Vol:	15 g	Final Wgt/Vol..:	5 mL
% Moisture.....:	17	Analyst ID.....:	003200	Instrument ID..:	731
		Method.....:	SW846 8270C		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	**480000**	**32000**	**ug/kg**	**8300**
Acenaphthylene	**93000**	**32000**	**ug/kg**	**9300**
Acetophenone	ND	160000	ug/kg	9700
Anthracene	**220000**	**32000**	**ug/kg**	**9100**
Atrazine	ND	160000	ug/kg	11000
Benzo(a)anthracene	**140000**	**32000**	**ug/kg**	**6300**
Benzo(a)pyrene	**85000**	**32000**	**ug/kg**	**4900**
Benzo(b)fluoranthene	**76000**	**32000**	**ug/kg**	**6100**
Benzo(ghi)perylene	**33000**	**32000**	**ug/kg**	**5400**
Benzo(k)fluoranthene	ND	32000	ug/kg	5100
Benzaldehyde	ND	160000	ug/kg	17000
1,1'-Biphenyl	**97000 J**	**160000**	**ug/kg**	**8800**
bis(2-Chloroethoxy) methane	ND	160000	ug/kg	7400
bis(2-Chloroethyl)-ether	ND	32000	ug/kg	3600
bis(2-Ethylhexyl) phthalate	ND	160000	ug/kg	12000
4-Bromophenyl phenyl ether	ND	160000	ug/kg	7200
Butyl benzyl phthalate	ND	160000	ug/kg	13000
Caprolactam	ND	820000	ug/kg	30000
Carbazole	ND	32000	ug/kg	6500
4-Chloroaniline	ND	160000	ug/kg	14000
4-Chloro-3-methylphenol	ND	160000	ug/kg	9700
2-Chloronaphthalene	ND	32000	ug/kg	9200
2-Chlorophenol	ND	160000	ug/kg	8000
4-Chlorophenyl phenyl ether	ND	160000	ug/kg	7900
Chrysene	**99000**	**32000**	**ug/kg**	**6300**
Dibenz(a,h)anthracene	ND	32000	ug/kg	10000
Dibenzofuran	**25000 J**	**160000**	**ug/kg**	**8800**
3,3'-Dichlorobenzidine	ND	160000	ug/kg	36000
2,4-Dichlorophenol	ND	32000	ug/kg	4800
Diethyl phthalate	ND	160000	ug/kg	14000
2,4-Dimethylphenol	ND	160000	ug/kg	6900
Dimethyl phthalate	ND	160000	ug/kg	9000

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ENSR International

Client Sample ID: SB44(38-40)

GC/MS Semivolatiles

Lot-Sample #...: C8K070273-003 **Work Order #...:** K2HCW2AL **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-butyl phthalate	ND	160000	ug/kg	26000
4,6-Dinitro-2-methylphenol	ND	820000	ug/kg	110000
2,4-Dinitrophenol	ND	820000	ug/kg	190000
2,4-Dinitrotoluene	ND	160000	ug/kg	8200
2,6-Dinitrotoluene	ND	160000	ug/kg	10000
Di-n-octyl phthalate	ND	160000	ug/kg	11000
Fluoranthene	**220000**	**32000**	**ug/kg**	**10000**
Fluorene	**260000**	**32000**	**ug/kg**	**7700**
Hexachlorobenzene	ND	32000	ug/kg	9600
Hexachlorobutadiene	ND	32000	ug/kg	9800
Hexachlorocyclopentadiene	ND	160000	ug/kg	7300
Hexachloroethane	ND	160000	ug/kg	7100
Indeno(1,2,3-cd)pyrene	**24000 J**	**32000**	**ug/kg**	**5700**
Isophorone	ND	160000	ug/kg	8900
2-Methylnaphthalene	**820000**	**32000**	**ug/kg**	**8800**
2-Methylphenol	ND	160000	ug/kg	10000
4-Methylphenol	ND	160000	ug/kg	10000
Naphthalene	**1900000**	**32000**	**ug/kg**	**7700**
2-Nitroaniline	ND	820000	ug/kg	9600
3-Nitroaniline	ND	820000	ug/kg	14000
4-Nitroaniline	ND	820000	ug/kg	6700
Nitrobenzene	ND	32000	ug/kg	4000
2-Nitrophenol	ND	160000	ug/kg	13000
4-Nitrophenol	ND	820000	ug/kg	12000
N-Nitrosodi-n-propylamine	ND	32000	ug/kg	3900
N-Nitrosodiphenylamine	ND	32000	ug/kg	8600
2,2'-oxybis(1-Chloropropane)	ND	32000	ug/kg	9600
Pentachlorophenol	ND	160000	ug/kg	12000
Phenanthrene	**760000**	**32000**	**ug/kg**	**7600**
Phenol	ND	32000	ug/kg	9600
Pyrene	**310000**	**32000**	**ug/kg**	**9800**
2,4,5-Trichlorophenol	ND	160000	ug/kg	13000
2,4,6-Trichlorophenol	ND	160000	ug/kg	13000

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ENSR International

Client Sample ID: SB44(38-40)

GC/MS Semivolatiles

Lot-Sample #...: C8K070273-003 **Work Order #...:** K2HCW2AL **Matrix.....:** SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	NC,DIL	(50 - 124)
2-Fluorobiphenyl	NC,DIL	(49 - 105)
2-Fluorophenol	NC,DIL	(39 - 103)
Nitrobenzene-d5	NC,DIL	(25 - 104)
Phenol-d5	NC,DIL	(25 - 105)
Terphenyl-d14	NC,DIL	(25 - 127)

NOTE(S):

NC The recovery and/or RPD were not calculated.

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.

AECOM, Inc

Client Sample ID: SB44(38-40)

TOTAL Metals

Lot-Sample #...: C8K070273-003 Matrix.....: SO
Date Sampled...: 11/05/08 Date Received..: 11/07/08
% Moisture.....: 17

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8316052						
Mercury	0.0056 ~~B~~ J	0.040	mg/kg	SW846 7471A	11/11/08	K2HCW1AG
		Dilution Factor: 1		Analysis Time..: 13:33	Analyst ID.....: 401509	
		Instrument ID..: HGHYDRA		MS Run #.....: 8316035	MDL.....: 0.0030	
Prep Batch #...: 8318216						
Silver	ND	0.60	mg/kg	SW846 6010B	11/13-11/23/08	K2HCW1AM
		Dilution Factor: 1		Analysis Time..: 15:10	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8318107	MDL.....: 0.079	
Aluminum	4140	24.1	mg/kg	SW846 6010B	11/13-11/23/08	K2HCW1AN
		Dilution Factor: 1		Analysis Time..: 15:10	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8318107	MDL.....: 2.9	
Arsenic	3.8	1.2	mg/kg	SW846 6010B	11/13-11/23/08	K2HCW1AP
		Dilution Factor: 1		Analysis Time..: 15:10	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8318107	MDL.....: 0.35	
Barium	22.1 ~~B~~ J	24.1	mg/kg	SW846 6010B	11/13-11/23/08	K2HCW1AQ
		Dilution Factor: 1		Analysis Time..: 15:10	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8318107	MDL.....: 0.095	
Beryllium	~~0.37 B~~ 0.48 U	0.48	mg/kg	SW846 6010B	11/13-11/23/08	K2HCW1AR
		Dilution Factor: 1		Analysis Time..: 15:10	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8318107	MDL.....: 0.018	
Calcium	5990 J	601	mg/kg	SW846 6010B	11/13-11/23/08	K2HCW1AT
		Dilution Factor: 1		Analysis Time..: 15:10	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8318107	MDL.....: 2.0	
Cadmium	ND	0.60	mg/kg	SW846 6010B	11/13-11/23/08	K2HCW1AU
		Dilution Factor: 1		Analysis Time..: 15:10	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8318107	MDL.....: 0.025	
Cobalt	4.3 ~~B~~ J	6.0	mg/kg	SW846 6010B	11/13-11/23/08	K2HCW1AV
		Dilution Factor: 1		Analysis Time..: 15:10	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8318107	MDL.....: 0.097	

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AECOM, Inc

Client Sample ID: SB44(38-40)

TOTAL Metals

Lot-Sample #...: C8K070273-003 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium	6.7 J	0.60	mg/kg	SW846 6010B	11/13-11/23/08	K2HCW1AW
		Dilution Factor: 1		Analysis Time..: 15:10	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8318107	MDL.....: 0.067	
Copper	9.2	3.0	mg/kg	SW846 6010B	11/13-11/23/08	K2HCW1AX
		Dilution Factor: 1		Analysis Time..: 15:10	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8318107	MDL.....: 0.32	
Iron	11200 J	12.0	mg/kg	SW846 6010B	11/13-11/23/08	K2HCW1A0
		Dilution Factor: 1		Analysis Time..: 15:10	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8318107	MDL.....: 1.5	
Potassium	642	601	mg/kg	SW846 6010B	11/13-11/23/08	K2HCW1A1
		Dilution Factor: 1		Analysis Time..: 15:10	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8318107	MDL.....: 90.2	
Magnesium	2780	601	mg/kg	SW846 6010B	11/13-11/23/08	K2HCW1A2
		Dilution Factor: 1		Analysis Time..: 15:10	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8318107	MDL.....: 2.5	
Manganese	107	1.8	mg/kg	SW846 6010B	11/13-11/23/08	K2HCW1A3
		Dilution Factor: 1		Analysis Time..: 15:10	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8318107	MDL.....: 0.073	
Sodium	87.8 B J	601	mg/kg	SW846 6010B	11/13-11/23/08	K2HCW1A4
		Dilution Factor: 1		Analysis Time..: 15:10	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8318107	MDL.....: 17.5	
Nickel	9.7 J	4.8	mg/kg	SW846 6010B	11/13-11/23/08	K2HCW1A5
		Dilution Factor: 1		Analysis Time..: 15:10	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8318107	MDL.....: 0.17	
Lead	3.9	0.36	mg/kg	SW846 6010B	11/13-11/23/08	K2HCW1A6
		Dilution Factor: 1		Analysis Time..: 15:10	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8318107	MDL.....: 0.19	
Selenium	ND	0.60	mg/kg	SW846 6010B	11/13-11/23/08	K2HCW1AA
		Dilution Factor: 1		Analysis Time..: 15:10	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8318107	MDL.....: 0.21	

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AECOM, Inc

Client Sample ID: SB44(38-40)

TOTAL Metals

Lot-Sample #...: C8K070273-003 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Thallium	ND	1.2	mg/kg	SW846 6010B	11/13-11/23/08	K2HCW1AC
		Dilution Factor: 1		Analysis Time..: 15:10	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8318107	MDL.....: 0.37	
Antimony	ND	1.2	mg/kg	SW846 6010B	11/13-11/23/08	K2HCW1AD
		Dilution Factor: 1		Analysis Time..: 15:10	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8318107	MDL.....: 0.25	
Vanadium	**13.0 J**	**6.0**	**mg/kg**	**SW846 6010B**	**11/13-11/23/08**	**K2HCW1AE**
		Dilution Factor: 1		Analysis Time..: 15:10	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8318107	MDL.....: 0.29	
Zinc	**30.2 J**	**2.4**	**mg/kg**	**SW846 6010B**	**11/13-11/23/08**	**K2HCW1AF**
		Dilution Factor: 1		Analysis Time..: 15:10	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8318107	MDL.....: 0.22	

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.

ENSR International

Client Sample ID: SB440(38-40)

GC/MS Volatiles

Lot-Sample #...:	C8K070273-004	**Work Order #...:**	K2HC21AK	**Matrix.....:**	SO
Date Sampled...:	11/05/08	**Date Received..:**	11/07/08	**MS Run #.....:**	
Prep Date.....:	11/12/08	**Analysis Date..:**	11/12/08		
Prep Batch #...:	8317111	**Analysis Time..:**	10:42		
Dilution Factor:	50	**Initial Wgt/Vol:**	5 g	**Final Wgt/Vol..:**	5 mL
% Moisture.....:	17	**Analyst ID.....:**	010099	**Instrument ID..:**	HP3
		Method.....:	SW846 8260B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	60000	ug/kg	15000
Benzene	ND	15000	ug/kg	3000
Bromodichloromethane	ND	15000	ug/kg	2800
Bromoform	ND	15000	ug/kg	3200
Bromomethane	ND	15000	ug/kg	4700
2-Butanone	ND	15000	ug/kg	3300
Carbon disulfide	ND	15000	ug/kg	3200
Carbon tetrachloride	ND	15000	ug/kg	3300
Chlorobenzene	ND	15000	ug/kg	1600
Chloroethane	ND	15000	ug/kg	2300
Chloroform	ND	15000	ug/kg	3000
Chloromethane	ND	15000	ug/kg	4200
Cyclohexane	ND	15000	ug/kg	1800
Dibromochloromethane	ND	15000	ug/kg	2000
1,2-Dibromo-3-chloro-propane	ND	15000	ug/kg	1100
1,2-Dibromoethane	ND	15000	ug/kg	1800
1,3-Dichlorobenzene	ND	15000	ug/kg	1500
1,4-Dichlorobenzene	ND	15000	ug/kg	1600
1,2-Dichlorobenzene	ND	15000	ug/kg	2100
Dichlorodifluoromethane	ND	15000	ug/kg	1900
1,1-Dichloroethane	ND	15000	ug/kg	3100
1,2-Dichloroethane	ND	15000	ug/kg	2900
1,1-Dichloroethene	ND	15000	ug/kg	3200
cis-1,2-Dichloroethene	ND	15000	ug/kg	2000
trans-1,2-Dichloroethene	ND	15000	ug/kg	2300
1,2-Dichloropropane	ND	15000	ug/kg	3800
cis-1,3-Dichloropropene	ND	15000	ug/kg	2200
trans-1,3-Dichloropropene	ND	15000	ug/kg	1800
Ethylbenzene	**180000** J	**15000**	**ug/kg**	**1900**
2-Hexanone	ND	15000	ug/kg	1700
Isopropylbenzene	**26000** J	**15000**	**ug/kg**	**1600**
Methyl acetate	ND	15000	ug/kg	3700
Methylene chloride	ND	15000	ug/kg	3300
Methylcyclohexane	ND	15000	ug/kg	1700
4-Methyl-2-pentanone	ND	15000	ug/kg	1800
Methyl tert-butyl ether	ND	15000	ug/kg	3100

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ENSR International

Client Sample ID: SB440(38-40)

GC/MS Volatiles

Lot-Sample #...: C8K070273-004 **Work Order #...:** K2HC21AK **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Styrene	ND	15000	ug/kg	1900
1,1,2,2-Tetrachloroethane	ND	15000	ug/kg	2800
1,2,4-Trichloro-benzene	ND	15000	ug/kg	1100
Tetrachloroethene	ND	15000	ug/kg	2500
1,1,1-Trichloroethane	ND	15000	ug/kg	3100
1,1,2-Trichloroethane	ND	15000	ug/kg	3500
Trichloroethene	ND	15000	ug/kg	2400
Trichlorofluoromethane	ND	15000	ug/kg	3400
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	15000	ug/kg	1000
Vinyl chloride	ND	15000	ug/kg	3900
Xylenes (total)	**260000 J**	**45000**	**ug/kg**	**5900**
Toluene	**5700 J**	**15000**	**ug/kg**	**2500**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	93	(52 - 124)
Toluene-d8	95	(72 - 127)
4-Bromofluorobenzene	94	(63 - 120)
Dibromofluoromethane	95	(68 - 121)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

ENSR International

Client Sample ID: SB440(38-40)

GC/MS Semivolatiles

Lot-Sample #...:	C8K070273-004	**Work Order #...:**	K2HC21AL	**Matrix.....:**	SO
Date Sampled...:	11/05/08 13:35	**Date Received..:**	11/07/08 09:45	**MS Run #.....:**	8319027
Prep Date.....:	11/14/08	**Analysis Date..:**	11/15/08		
Prep Batch #...:	8319030	**Analysis Time..:**	10:25		
Dilution Factor:	100	**Initial Wgt/Vol:**	15 g	**Final Wgt/Vol..:**	5 mL
% Moisture.....:	17	**Analyst ID.....:**	003200	**Instrument ID..:**	731
		Method.....:	SW846 8270C		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	**420000**	**8100**	**ug/kg**	**2100**
Acenaphthylene	**77000**	**8100**	**ug/kg**	**2300**
Acetophenone	ND	40000	ug/kg	2400
Anthracene	**210000**	**8100**	**ug/kg**	**2300**
Atrazine	ND	40000	ug/kg	2800
Benzo(a)anthracene	**120000**	**8100**	**ug/kg**	**1600**
Benzo(a)pyrene	**78000**	**8100**	**ug/kg**	**1200**
Benzo(b)fluoranthene	**72000**	**8100**	**ug/kg**	**1500**
Benzo(ghi)perylene	**29000**	**8100**	**ug/kg**	**1400**
Benzo(k)fluoranthene	ND	8100	ug/kg	1300
Benzaldehyde	ND	40000	ug/kg	4200
1,1'-Biphenyl	**88000**	**40000**	**ug/kg**	**2200**
bis(2-Chloroethoxy) methane	ND	40000	ug/kg	1900
bis(2-Chloroethyl)-ether	ND	8100	ug/kg	900
bis(2-Ethylhexyl) phthalate	ND	40000	ug/kg	3100
4-Bromophenyl phenyl ether	ND	40000	ug/kg	1800
Butyl benzyl phthalate	ND	40000	ug/kg	3200
Caprolactam	ND	200000	ug/kg	7600
Carbazole	**4100 J**	**8100**	**ug/kg**	**1600**
4-Chloroaniline	ND	40000	ug/kg	3400
4-Chloro-3-methylphenol	ND	40000	ug/kg	2400
2-Chloronaphthalene	ND	8100	ug/kg	2300
2-Chlorophenol	ND	40000	ug/kg	2000
4-Chlorophenyl phenyl ether	ND	40000	ug/kg	2000
Chrysene	**90000**	**8100**	**ug/kg**	**1600**
Dibenz(a,h)anthracene	**7700 J**	**8100**	**ug/kg**	**2500**
Dibenzofuran	**22000 J**	**40000**	**ug/kg**	**2200**
3,3'-Dichlorobenzidine	ND	40000	ug/kg	9000
2,4-Dichlorophenol	ND	8100	ug/kg	1200
Diethyl phthalate	ND	40000	ug/kg	3600
2,4-Dimethylphenol	ND	40000	ug/kg	1700
Dimethyl phthalate	ND	40000	ug/kg	2300

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ENSR International

Client Sample ID: SB440(38-40)

GC/MS Semivolatiles

Lot-Sample #...: C8K070273-004 **Work Order #...:** K2HC21AL **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-butyl phthalate	ND	40000	ug/kg	6600
4,6-Dinitro-2-methylphenol	ND	200000	ug/kg	28000
2,4-Dinitrophenol	ND	200000	ug/kg	47000
2,4-Dinitrotoluene	ND	40000	ug/kg	2100
2,6-Dinitrotoluene	ND	40000	ug/kg	2600
Di-n-octyl phthalate	ND	40000	ug/kg	2800
Fluoranthene	**210000**	**8100**	**ug/kg**	**2600**
Fluorene	**240000**	**8100**	**ug/kg**	**1900**
Hexachlorobenzene	ND	8100	ug/kg	2400
Hexachlorobutadiene	ND	8100	ug/kg	2400
Hexachlorocyclopentadiene	ND 40000 U5	40000	ug/kg	1800
Hexachloroethane	ND	40000	ug/kg	1800
Indeno(1,2,3-cd)pyrene	**22000**	**8100**	**ug/kg**	**1400**
Isophorone	ND	40000	ug/kg	2200
2-Methylnaphthalene	**750000**	**8100**	**ug/kg**	**2200**
2-Methylphenol	ND	40000	ug/kg	2500
4-Methylphenol	ND	40000	ug/kg	2500
Naphthalene 1800000	~~1600000 E~~	**8100**	**ug/kg**	**1900**
2-Nitroaniline	ND	200000	ug/kg	2400
3-Nitroaniline	ND	200000	ug/kg	3400
4-Nitroaniline	ND	200000	ug/kg	1700
Nitrobenzene	ND	8100	ug/kg	990
2-Nitrophenol	ND	40000	ug/kg	3200
4-Nitrophenol	ND	200000	ug/kg	3100
N-Nitrosodi-n-propylamine	ND	8100	ug/kg	980
N-Nitrosodiphenylamine	ND	8100	ug/kg	2200
2,2'-oxybis(1-Chloropropane)	ND	8100	ug/kg	2400
Pentachlorophenol	ND	40000	ug/kg	3000
Phenanthrene	**680000**	**8100**	**ug/kg**	**1900**
Phenol	ND	8100	ug/kg	2400
Pyrene	**280000**	**8100**	**ug/kg**	**2400**
2,4,5-Trichlorophenol	ND	40000	ug/kg	3300
2,4,6-Trichlorophenol	ND	40000	ug/kg	3200

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ENSR International

Client Sample ID: SB440(38-40)

GC/MS Semivolatiles

Lot-Sample #...: C8K070273-004 Work Order #...: K2HC21AL Matrix.....: SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	NC,DIL	(50 - 124)
2-Fluorobiphenyl	NC,DIL	(49 - 105)
2-Fluorophenol	NC,DIL	(39 - 103)
Nitrobenzene-d5	NC,DIL	(25 - 104)
Phenol-d5	NC,DIL	(25 - 105)
Terphenyl-d14	NC,DIL	(25 - 127)

NOTE(S):

NC The recovery and/or RPD were not calculated.

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.

E Estimated result. Result concentration exceeds the calibration range.

ENSR International

Client Sample ID: SB440(38-40)

GC/MS Semivolatiles

Lot-Sample #...:	C8K070273-004	**Work Order #...:**	K2HC22AL	**Matrix.....:**	SO
Date Sampled...:	11/05/08 13:35	**Date Received..:**	11/07/08 09:45	**MS Run #.....:**	8319027
Prep Date.....:	11/14/08	**Analysis Date..:**	11/15/08		
Prep Batch #...:	8319030	**Analysis Time..:**	15:26		
Dilution Factor:	400	**Initial Wgt/Vol:**	15 g	**Final Wgt/Vol..:**	5 mL
% Moisture.....:	17	**Analyst ID.....:**	003200	**Instrument ID..:**	731
		Method.....:	SW846 8270C		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	**450000**	**32000**	**ug/kg**	**8300**
Acenaphthylene	**88000**	**32000**	**ug/kg**	**9300**
Acetophenone	ND	160000	ug/kg	9700
Anthracene	**220000**	**32000**	**ug/kg**	**9100**
Atrazine	ND	160000	ug/kg	11000
Benzo(a)anthracene	**120000**	**32000**	**ug/kg**	**6300**
Benzo(a)pyrene	**81000**	**32000**	**ug/kg**	**4900**
Benzo(b)fluoranthene	**72000**	**32000**	**ug/kg**	**6100**
Benzo(ghi)perylene	**30000 J**	**32000**	**ug/kg**	**5400**
Benzo(k)fluoranthene	ND	32000	ug/kg	5100
Benzaldehyde	ND	160000	ug/kg	17000
1,1'-Biphenyl	**94000 J**	**160000**	**ug/kg**	**8800**
bis(2-Chloroethoxy) methane	ND	160000	ug/kg	7400
bis(2-Chloroethyl) ether	ND	32000	ug/kg	3600
bis(2-Ethylhexyl) phthalate	ND	160000	ug/kg	12000
4-Bromophenyl phenyl ether	ND	160000	ug/kg	7200
Butyl benzyl phthalate	ND	160000	ug/kg	13000
Caprolactam	ND	820000	ug/kg	30000
Carbazole	ND	32000	ug/kg	6600
4-Chloroaniline	ND	160000	ug/kg	14000
4-Chloro-3-methylphenol	ND	160000	ug/kg	9700
2-Chloronaphthalene	ND	32000	ug/kg	9200
2-Chlorophenol	ND	160000	ug/kg	8000
4-Chlorophenyl phenyl ether	ND	160000	ug/kg	7900
Chrysene	**93000**	**32000**	**ug/kg**	**6300**
Dibenz(a,h)anthracene	ND	32000	ug/kg	10000
Dibenzofuran	**24000 J**	**160000**	**ug/kg**	**8800**
3,3'-Dichlorobenzidine	ND	160000	ug/kg	36000
2,4-Dichlorophenol	ND	32000	ug/kg	4800
Diethyl phthalate	ND	160000	ug/kg	14000
2,4-Dimethylphenol	ND	160000	ug/kg	6900
Dimethyl phthalate	ND	160000	ug/kg	9000

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ENSR International

Client Sample ID: SB440(38-40)

GC/MS Semivolatiles

Lot-Sample #...: C8K070273-004 Work Order #...: K2HC22AL Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-butyl phthalate	ND	160000	ug/kg	26000
4,6-Dinitro-2-methylphenol	ND	820000	ug/kg	110000
2,4-Dinitrophenol	ND	820000	ug/kg	190000
2,4-Dinitrotoluene	ND	160000	ug/kg	8300
2,6-Dinitrotoluene	ND	160000	ug/kg	10000
Di-n-octyl phthalate	ND	160000	ug/kg	11000
Fluoranthene	**220000**	**32000**	**ug/kg**	**10000**
Fluorene	**250000**	**32000**	**ug/kg**	**7700**
Hexachlorobenzene	ND	32000	ug/kg	9600
Hexachlorobutadiene	ND	32000	ug/kg	9800
Hexachlorocyclopentadiene	ND	160000	ug/kg	7300
Hexachloroethane	ND	160000	ug/kg	7100
Indeno(1,2,3-cd)pyrene	**23000 J**	**32000**	**ug/kg**	**5700**
Isophorone	ND	160000	ug/kg	8900
2-Methylnaphthalene	**780000**	**32000**	**ug/kg**	**8800**
2-Methylphenol	ND	160000	ug/kg	10000
4-Methylphenol	ND	160000	ug/kg	10000
Naphthalene	**1800000**	**32000**	**ug/kg**	**7700**
2-Nitroaniline	ND	820000	ug/kg	9600
3-Nitroaniline	ND	820000	ug/kg	14000
4-Nitroaniline	ND	820000	ug/kg	6700
Nitrobenzene	ND	32000	ug/kg	4000
2-Nitrophenol	ND	160000	ug/kg	13000
4-Nitrophenol	ND	820000	ug/kg	12000
N-Nitrosodi-n-propylamine	ND	32000	ug/kg	3900
N-Nitrosodiphenylamine	ND	32000	ug/kg	8700
2,2'-oxybis (1-Chloropropane)	ND	32000	ug/kg	9600
Pentachlorophenol	ND	160000	ug/kg	12000
Phenanthrene	**730000**	**32000**	**ug/kg**	**7700**
Phenol	ND	32000	ug/kg	9600
Pyrene	**290000**	**32000**	**ug/kg**	**9800**
2,4,5-Trichlorophenol	ND	160000	ug/kg	13000
2,4,6-Trichlorophenol	ND	160000	ug/kg	13000

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ENSR International

Client Sample ID: SB440(38-40)

GC/MS Semivolatiles

Lot-Sample #...: C8K070273-004 Work Order #...: K2HC22AL Matrix.....: SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	NC,DIL	(50 - 124)
2-Fluorobiphenyl	NC,DIL	(49 - 105)
2-Fluorophenol	NC,DIL	(39 - 103)
Nitrobenzene-d5	NC,DIL	(25 - 104)
Phenol-d5	NC,DIL	(25 - 105)
Terphenyl-d14	NC,DIL	(25 - 127)

NOTE(S):

NC The recovery and/or RPD were not calculated.

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.

AECOM, Inc

Client Sample ID: SB440(38-40)

TOTAL Metals

Lot-Sample #...: C8K070273-004 Matrix.....: SO
Date Sampled...: 11/05/08 Date Received..: 11/07/08
% Moisture.....: 17

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8316052						
Mercury	**0.0036 B J**	**0.040**	**mg/kg**	**SW846 7471A**	**11/11/08**	**K2HC21AG**
		Dilution Factor: 1		Analysis Time..: 13:35	Analyst ID.....: 401509	
		Instrument ID..: HGHYDRA		MS Run #.....: 8316035	MDL.....: 0.0030	
Prep Batch #...: 8318216						
Silver	ND	0.60	mg/kg	SW846 6010B	11/13-11/23/08	K2HC21AM
		Dilution Factor: 1		Analysis Time..: 14:20	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8318107	MDL.....: 0.080	
Aluminum	**2930**	**24.1**	**mg/kg**	**SW846 6010B**	**11/13-11/23/08**	**K2HC21AN**
		Dilution Factor: 1		Analysis Time..: 14:20	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8318107	MDL.....: 2.9	
Arsenic	**2.8**	**1.2**	**mg/kg**	**SW846 6010B**	**11/13-11/23/08**	**K2HC21AP**
		Dilution Factor: 1		Analysis Time..: 14:20	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8318107	MDL.....: 0.35	
Barium	**13.3 B J**	**24.1**	**mg/kg**	**SW846 6010B**	**11/13-11/23/08**	**K2HC21AQ**
		Dilution Factor: 1		Analysis Time..: 14:20	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8318107	MDL.....: 0.095	
Beryllium	~~**0.24 B**~~ 0.48 U	**0.48**	**mg/kg**	**SW846 6010B**	**11/13-11/23/08**	**K2HC21AR**
		Dilution Factor: 1		Analysis Time..: 14:20	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8318107	MDL.....: 0.018	
Calcium	**14700 J**	**602**	**mg/kg**	**SW846 6010B**	**11/13-11/23/08**	**K2HC21AT**
		Dilution Factor: 1		Analysis Time..: 14:20	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8318107	MDL.....: 2.0	
Cadmium	ND	0.60	mg/kg	SW846 6010B	11/13-11/23/08	K2HC21AU
		Dilution Factor: 1		Analysis Time..: 14:20	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8318107	MDL.....: 0.025	
Cobalt	**2.8 B J**	**6.0**	**mg/kg**	**SW846 6010B**	**11/13-11/23/08**	**K2HC21AV**
		Dilution Factor: 1		Analysis Time..: 14:20	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8318107	MDL.....: 0.098	

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AECOM, Inc

Client Sample ID: SB440(38-40)

TOTAL Metals

Lot-Sample #...: C8K070273-004 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium	4.8 J	0.60	mg/kg	SW846 6010B	11/13-11/23/08	K2HC21AW
		Dilution Factor: 1		Analysis Time..: 14:20	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8318107	MDL.....: 0.067	
Copper	6.0	3.0	mg/kg	SW846 6010B	11/13-11/23/08	K2HC21AX
		Dilution Factor: 1		Analysis Time..: 14:20	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8318107	MDL.....: 0.32	
Iron	10700 J	12.0	mg/kg	SW846 6010B	11/13-11/23/08	K2HC21A0
		Dilution Factor: 1		Analysis Time..: 14:20	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8318107	MDL.....: 1.6	
Potassium	517 B J	602	mg/kg	SW846 6010B	11/13-11/23/08	K2HC21A1
		Dilution Factor: 1		Analysis Time..: 14:20	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8318107	MDL.....: 90.4	
Magnesium	2950	602	mg/kg	SW846 6010B	11/13-11/23/08	K2HC21A2
		Dilution Factor: 1		Analysis Time..: 14:20	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8318107	MDL.....: 2.5	
Manganese	107	1.8	mg/kg	SW846 6010B	11/13-11/23/08	K2HC21A3
		Dilution Factor: 1		Analysis Time..: 14:20	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8318107	MDL.....: 0.073	
Sodium	55.9 B J	602	mg/kg	SW846 6010B	11/13-11/23/08	K2HC21A4
		Dilution Factor: 1		Analysis Time..: 14:20	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8318107	MDL.....: 17.5	
Nickel	6.4 J	4.8	mg/kg	SW846 6010B	11/13-11/23/08	K2HC21A5
		Dilution Factor: 1		Analysis Time..: 14:20	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8318107	MDL.....: 0.17	
Lead	2.4	0.36	mg/kg	SW846 6010B	11/13-11/23/08	K2HC21A6
		Dilution Factor: 1		Analysis Time..: 14:20	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8318107	MDL.....: 0.19	
Selenium	ND	0.60	mg/kg	SW846 6010B	11/13-11/23/08	K2HC21AA
		Dilution Factor: 1		Analysis Time..: 14:20	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8318107	MDL.....: 0.21	

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AECOM, Inc

Client Sample ID: SB440(38-40)

TOTAL Metals

Lot-Sample #...: C8K070273-004 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Thallium	ND	1.2	mg/kg	SW846 6010B	11/13-11/23/08	K2HC21AC
		Dilution Factor: 1		Analysis Time..: 14:20	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8318107	MDL.....: 0.37	
Antimony	ND	1.2	mg/kg	SW846 6010B	11/13-11/23/08	K2HC21AD
		Dilution Factor: 1		Analysis Time..: 14:20	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8318107	MDL.....: 0.25	
Vanadium	**10.9 J**	**6.0**	**mg/kg**	**SW846 6010B**	**11/13-11/23/08**	**K2HC21AE**
		Dilution Factor: 1		Analysis Time..: 14:20	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8318107	MDL.....: 0.29	
Zinc	**20.8 J**	**2.4**	**mg/kg**	**SW846 6010B**	**11/13-11/23/08**	**K2HC21AF**
		Dilution Factor: 1		Analysis Time..: 14:20	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8318107	MDL.....: 0.22	

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.

ENSR International

Client Sample ID: SB44(52.5-55)

GC/MS Volatiles

Lot-Sample #...: C8K070273-005	**Work Order #...:** K2HC71A4	**Matrix.....:** SO
Date Sampled...: 11/05/08	**Date Received..:** 11/07/08	**MS Run #.....:** 8315074
Prep Date.....: 11/10/08	**Analysis Date..:** 11/10/08	
Prep Batch #...: 8315082	**Analysis Time..:** 06:43	
Dilution Factor: 1	**Initial Wgt/Vol:** 5 g	**Final Wgt/Vol..:** 5 mL
% Moisture.....: 16	**Analyst ID.....:** 010099	**Instrument ID..:** HP3
	Method.....: SW846 8260B	

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND 24 U5	24	ug/kg	5.9
Benzene	ND	5.9	ug/kg	0.80
Bromodichloromethane	ND	5.9	ug/kg	0.67
Bromoform	ND	5.9	ug/kg	0.52
Bromomethane	ND	5.9	ug/kg	0.88
2-Butanone	ND	5.9	ug/kg	1.0
Carbon disulfide	ND	5.9	ug/kg	0.61
Carbon tetrachloride	ND	5.9	ug/kg	0.53
Chlorobenzene	ND	5.9	ug/kg	0.90
Chloroethane	ND	5.9	ug/kg	1.8
Chloroform	ND	5.9	ug/kg	0.69
Chloromethane	ND	5.9	ug/kg	1.0
Cyclohexane	ND	5.9	ug/kg	0.44
Dibromochloromethane	ND	5.9	ug/kg	0.84
1,2-Dibromo-3-chloro-propane	ND	5.9	ug/kg	0.89
1,2-Dibromoethane	ND	5.9	ug/kg	1.0
1,3-Dichlorobenzene	ND	5.9	ug/kg	0.78
1,4-Dichlorobenzene	ND	5.9	ug/kg	0.75
1,2-Dichlorobenzene	ND	5.9	ug/kg	0.95
Dichlorodifluoromethane	ND 5.9 U5	5.9	ug/kg	0.79
1,1-Dichloroethane	ND	5.9	ug/kg	0.68
1,2-Dichloroethane	ND	5.9	ug/kg	0.73
1,1-Dichloroethene	ND	5.9	ug/kg	1.0
cis-1,2-Dichloroethene	ND	5.9	ug/kg	0.83
trans-1,2-Dichloroethene	ND	5.9	ug/kg	0.71
1,2-Dichloropropane	ND	5.9	ug/kg	0.64
cis-1,3-Dichloropropene	ND	5.9	ug/kg	0.80
trans-1,3-Dichloropropene	ND	5.9	ug/kg	0.71
Ethylbenzene	ND	5.9	ug/kg	0.76
2-Hexanone	ND	5.9	ug/kg	0.82
Isopropylbenzene	ND	5.9	ug/kg	0.80
Methyl acetate	ND	5.9	ug/kg	1.1
Methylene chloride	ND	5.9	ug/kg	0.80
Methylcyclohexane	ND	5.9	ug/kg	0.86
4-Methyl-2-pentanone	ND	5.9	ug/kg	0.77
Methyl tert-butyl ether	ND	5.9	ug/kg	0.89

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ENSR International

Client Sample ID: SB44(52.5-55)

GC/MS Volatiles

Lot-Sample #...: C8K070273-005 **Work Order #...:** K2HC71A4 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Styrene	ND	5.9	ug/kg	0.84
1,1,2,2-Tetrachloroethane	ND	5.9	ug/kg	0.85
1,2,4-Trichloro-benzene	ND	5.9	ug/kg	1.0
Tetrachloroethene	ND	5.9	ug/kg	0.81
1,1,1-Trichloroethane	ND	5.9	ug/kg	0.58
1,1,2-Trichloroethane	ND	5.9	ug/kg	0.99
Trichloroethene	ND	5.9	ug/kg	0.78
Trichlorofluoromethane	ND	5.9	ug/kg	1.1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	5.9	ug/kg	1.3
Vinyl chloride	ND	5.9	ug/kg	0.56
Xylenes (total)	ND	18	ug/kg	2.7
Toluene	ND	5.9	ug/kg	0.86

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	75	(52 - 124)
Toluene-d8	122	(72 - 127)
4-Bromofluorobenzene	95	(63 - 120)
Dibromofluoromethane	95	(68 - 121)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

ENSR International

Client Sample ID: SB44(52.5-55)

GC/MS Semivolatiles

Lot-Sample #...:	C8K070273-005	**Work Order #...:**	K2HC71A7	**Matrix.....:**	SO
Date Sampled...:	11/05/08 14:00	**Date Received..:**	11/07/08 09:45	**MS Run #.....:**	8319027
Prep Date.....:	11/14/08	**Analysis Date..:**	11/15/08		
Prep Batch #...:	8319030	**Analysis Time..:**	10:45		
Dilution Factor:	1	**Initial Wgt/Vol:**	15 g	**Final Wgt/Vol..:**	5 mL
% Moisture.....:	16	**Analyst ID.....:**	003200	**Instrument ID..:**	731
		Method.....:	SW846 8270C		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	79	ug/kg	20
Acenaphthylene	ND	79	ug/kg	23
Acetophenone	ND	390	ug/kg	24
Anthracene	ND	79	ug/kg	22
Atrazine	ND	390	ug/kg	27
Benzo(a)anthracene	ND	79	ug/kg	16
Benzo(a)pyrene	ND	79	ug/kg	12
Benzo(b)fluoranthene	ND	79	ug/kg	15
Benzo(ghi)perylene	ND	79	ug/kg	13
Benzo(k)fluoranthene	ND	79	ug/kg	13
Benzaldehyde	ND	390	ug/kg	42
1,1'-Biphenyl	**27 J**	**390**	**ug/kg**	**22**
bis(2-Chloroethoxy) methane	ND	390	ug/kg	18
bis(2-Chloroethyl)-ether	ND	79	ug/kg	8.8
bis(2-Ethylhexyl) phthalate	**97 J**	**390**	**ug/kg**	**30**
4-Bromophenyl phenyl ether	ND	390	ug/kg	18
Butyl benzyl phthalate	ND	390	ug/kg	32
Caprolactam	ND	2000	ug/kg	74
Carbazole	ND	79	ug/kg	16
4-Chloroaniline	ND	390	ug/kg	34
4-Chloro-3-methylphenol	ND	390	ug/kg	24
2-Chloronaphthalene	ND	79	ug/kg	23
2-Chlorophenol	ND	390	ug/kg	20
4-Chlorophenyl phenyl ether	ND	390	ug/kg	19
Chrysene	ND	79	ug/kg	16
Dibenz(a,h)anthracene	ND	79	ug/kg	25
Dibenzofuran	ND	390	ug/kg	22
3,3'-Dichlorobenzidine	ND	390	ug/kg	88
2,4-Dichlorophenol	ND	79	ug/kg	12
Diethyl phthalate	ND	390	ug/kg	35
2,4-Dimethylphenol	ND	390	ug/kg	17
Dimethyl phthalate	ND	390	ug/kg	22

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ENSR International

Client Sample ID: SB44(52.5-55)

GC/MS Semivolatiles

Lot-Sample #...: C8K070273-005 Work Order #...: K2HC71A7 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-butyl phthalate	ND	390	ug/kg	65
4,6-Dinitro-2-methylphenol	ND	2000	ug/kg	280
2,4-Dinitrophenol	ND	2000	ug/kg	460
2,4-Dinitrotoluene	ND	390	ug/kg	20
2,6-Dinitrotoluene	ND	390	ug/kg	25
Di-n-octyl phthalate	ND	390	ug/kg	27
Fluoranthene	ND	79	ug/kg	25
Fluorene	ND	79	ug/kg	19
Hexachlorobenzene	ND	79	ug/kg	24
Hexachlorobutadiene	ND	79	ug/kg	24
Hexachlorocyclopentadiene	ND 390 U J	390	ug/kg	18
Hexachloroethane	ND	390	ug/kg	18
Indeno(1,2,3-cd)pyrene	ND	79	ug/kg	14
Isophorone	ND	390	ug/kg	22
2-Methylnaphthalene	ND	79	ug/kg	22
2-Methylphenol	ND	390	ug/kg	25
4-Methylphenol	ND	390	ug/kg	25
Naphthalene	**53 J**	**79**	**ug/kg**	**19**
2-Nitroaniline	ND	2000	ug/kg	24
3-Nitroaniline	ND	2000	ug/kg	34
4-Nitroaniline	ND	2000	ug/kg	17
Nitrobenzene	ND	79	ug/kg	9.8
2-Nitrophenol	ND	390	ug/kg	31
4-Nitrophenol	ND	2000	ug/kg	31
N-Nitrosodi-n-propylamine	ND	79	ug/kg	9.6
N-Nitrosodiphenylamine	ND	79	ug/kg	21
2,2'-oxybis (1-Chloropropane)	ND	79	ug/kg	24
Pentachlorophenol	ND	390	ug/kg	29
Phenanthrene	ND	79	ug/kg	19
Phenol	ND	79	ug/kg	24
Pyrene	ND	79	ug/kg	24
2,4,5-Trichlorophenol	ND	390	ug/kg	32
2,4,6-Trichlorophenol	ND	390	ug/kg	32

(Continued on next page)

ENSR International

Client Sample ID: SB44(52.5-55)

GC/MS Semivolatiles

Lot-Sample #...: C8K070273-005 Work Order #...: K2HC71A7 Matrix.....: SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	70	(50 - 124)
2-Fluorobiphenyl	72	(49 - 105)
2-Fluorophenol	70	(39 - 103)
Nitrobenzene-d5	73	(25 - 104)
Phenol-d5	68	(25 - 105)
Terphenyl-d14	73	(25 - 127)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

AECOM, Inc

Client Sample ID: SB44(52.5-55)

TOTAL Metals

Lot-Sample #...: C8K070273-005 Matrix.....: SO
Date Sampled...: 11/05/08 Date Received..: 11/07/08
% Moisture.....: 16

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8316052						
Mercury	0.0093 B J	0.039	mg/kg	SW846 7471A	11/11/08	K2HC71AT
		Dilution Factor: 1		Analysis Time..: 13:37	Analyst ID.....: 401509	
		Instrument ID..: HGHYDRA		MS Run #.....: 8316035	MDL.....: 0.0030	
Prep Batch #...: 8318216						
Silver	ND	0.59	mg/kg	SW846 6010B	11/13-11/23/08	K2HC71CA
		Dilution Factor: 1		Analysis Time..: 14:25	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8318107	MDL.....: 0.078	
Aluminum	3790	23.7	mg/kg	SW846 6010B	11/13-11/23/08	K2HC71CK
		Dilution Factor: 1		Analysis Time..: 14:25	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8318107	MDL.....: 2.8	
Arsenic	2.5	1.2	mg/kg	SW846 6010B	11/13-11/23/08	K2HC71CH
		Dilution Factor: 1		Analysis Time..: 14:25	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8318107	MDL.....: 0.34	
Barium	21.2 B J	23.7	mg/kg	SW846 6010B	11/13-11/23/08	K2HC71CL
		Dilution Factor: 1		Analysis Time..: 14:25	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8318107	MDL.....: 0.094	
Beryllium	~~0.33 B~~ 0.47U	0.47	mg/kg	SW846 6010B	11/13-11/23/08	K2HC71CP
		Dilution Factor: 1		Analysis Time..: 14:25	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8318107	MDL.....: 0.018	
Calcium	29000 J	593	mg/kg	SW846 6010B	11/13-11/23/08	K2HC71CT
		Dilution Factor: 1		Analysis Time..: 14:25	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8318107	MDL.....: 2.0	
Cadmium	ND	0.59	mg/kg	SW846 6010B	11/13-11/23/08	K2HC71CW
		Dilution Factor: 1		Analysis Time..: 14:25	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8318107	MDL.....: 0.025	
Cobalt	3.8 B J	5.9	mg/kg	SW846 6010B	11/13-11/23/08	K2HC71C1
		Dilution Factor: 1		Analysis Time..: 14:25	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8318107	MDL.....: 0.096	

(Continued on next page)

AECOM, Inc

Client Sample ID: SB44(52.5-55)

TOTAL Metals

Lot-Sample #...: C8K070273-005 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium	6.5 J	0.59	mg/kg	SW846 6010B	11/13-11/23/08	K2HC71C4
		Dilution Factor: 1		Analysis Time..: 14:25	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8318107	MDL.....: 0.066	
Copper	10.1	3.0	mg/kg	SW846 6010B	11/13-11/23/08	K2HC71C7
		Dilution Factor: 1		Analysis Time..: 14:25	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8318107	MDL.....: 0.31	
Iron	10300 J	11.9	mg/kg	SW846 6010B	11/13-11/23/08	K2HC71DA
		Dilution Factor: 1		Analysis Time..: 14:25	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8318107	MDL.....: 1.5	
Potassium	710	593	mg/kg	SW846 6010B	11/13-11/23/08	K2HC71DE
		Dilution Factor: 1		Analysis Time..: 14:25	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8318107	MDL.....: 88.9	
Magnesium	6630	593	mg/kg	SW846 6010B	11/13-11/23/08	K2HC71DH
		Dilution Factor: 1		Analysis Time..: 14:25	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8318107	MDL.....: 2.5	
Manganese	180	1.8	mg/kg	SW846 6010B	11/13-11/23/08	K2HC71DL
		Dilution Factor: 1		Analysis Time..: 14:25	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8318107	MDL.....: 0.072	
Sodium	73.8 B J	593	mg/kg	SW846 6010B	11/13-11/23/08	K2HC71DP
		Dilution Factor: 1		Analysis Time..: 14:25	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8318107	MDL.....: 17.2	
Nickel	9.3 J	4.7	mg/kg	SW846 6010B	11/13-11/23/08	K2HC71DT
		Dilution Factor: 1		Analysis Time..: 14:25	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8318107	MDL.....: 0.17	
Lead	4.1	0.36	mg/kg	SW846 6010B	11/13-11/23/08	K2HC71DW
		Dilution Factor: 1		Analysis Time..: 14:25	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8318107	MDL.....: 0.19	
Selenium	ND	0.59	mg/kg	SW846 6010B	11/13-11/23/08	K2HC71AA
		Dilution Factor: 1		Analysis Time..: 14:25	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8318107	MDL.....: 0.21	

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AECOM, Inc

Client Sample ID: SB44(52.5-55)

TOTAL Metals

Lot-Sample #...: C8K070273-005 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Thallium	ND	1.2	mg/kg	SW846 6010B	11/13-11/23/08	K2HC71AE
		Dilution Factor: 1		Analysis Time..: 14:25	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8318107	MDL.....: 0.37	
Antimony	ND	1.2	mg/kg	SW846 6010B	11/13-11/23/08	K2HC71AH
		Dilution Factor: 1		Analysis Time..: 14:25	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8318107	MDL.....: 0.25	
Vanadium	**12.0 J**	**5.9**	**mg/kg**	**SW846 6010B**	**11/13-11/23/08**	**K2HC71AL**
		Dilution Factor: 1		Analysis Time..: 14:25	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8318107	MDL.....: 0.29	
Zinc	**26.6 J,E**	**2.4**	**mg/kg**	**SW846 6010B**	**11/13-11/23/08**	**K2HC71AP**
		Dilution Factor: 1		Analysis Time..: 14:25	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8318107	MDL.....: 0.22	

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.

ENSR International

Client Sample ID: SB45(8-10)

GC/MS Volatiles

Lot-Sample #...:	C8J100124-001	**Work Order #...:**	K0KA91AC	**Matrix.....:**	SO
Date Sampled...:	10/06/08	**Date Received..:**	10/09/08	**MS Run #.....:**	8290313
Prep Date.....:	10/16/08	**Analysis Date..:**	10/16/08		
Prep Batch #...:	8290435	**Analysis Time..:**	15:31		
Dilution Factor:	20	**Initial Wgt/Vol:**	5 g	**Final Wgt/Vol..:**	5 mL
% Moisture.....:	17	**Analyst ID.....:**	034635	**Instrument ID..:**	HP4
		Method.....:	SW846 8260B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND 24000 UJ	24000	ug/kg	6000
Benzene	**47000**	**6000**	**ug/kg**	**1200**
Bromodichloromethane	ND	6000	ug/kg	1100
Bromoform	ND	6000	ug/kg	1300
Bromomethane	ND	6000	ug/kg	1900
2-Butanone	ND 6000 UJ	6000	ug/kg	1300
Carbon disulfide	ND	6000	ug/kg	1300
Carbon tetrachloride	ND	6000	ug/kg	1300
Chlorobenzene	ND	6000	ug/kg	630
Chloroethane	ND	6000	ug/kg	900
Chloroform	ND	6000	ug/kg	1200
Chloromethane	ND	6000	ug/kg	1700
Cyclohexane	ND	6000	ug/kg	720
Dibromochloromethane	ND	6000	ug/kg	780
1,2-Dibromo-3-chloro-propane	ND	6000	ug/kg	420
1,2-Dibromoethane	ND	6000	ug/kg	730
1,3-Dichlorobenzene	ND	6000	ug/kg	610
1,4-Dichlorobenzene	ND	6000	ug/kg	630
1,2-Dichlorobenzene	ND	6000	ug/kg	820
Dichlorodifluoromethane	ND	6000	ug/kg	760
1,1-Dichloroethane	ND	6000	ug/kg	1200
1,2-Dichloroethane	ND	6000	ug/kg	1200
1,1-Dichloroethene	ND	6000	ug/kg	1300
cis-1,2-Dichloroethene	ND	6000	ug/kg	800
trans-1,2-Dichloroethene	ND	6000	ug/kg	900
1,2-Dichloropropane	ND	6000	ug/kg	1500
cis-1,3-Dichloropropene	ND	6000	ug/kg	870
trans-1,3-Dichloropropene	ND	6000	ug/kg	700
Ethylbenzene	**3500 J**	**6000**	**ug/kg**	**740**
2-Hexanone	ND	6000	ug/kg	680
Isopropylbenzene	ND	6000	ug/kg	640
Methyl acetate	ND 6000 UJ	6000	ug/kg	1500
Methylene chloride	ND	6000	ug/kg	1300
Methylcyclohexane	ND	6000	ug/kg	670
4-Methyl-2-pentanone	ND	6000	ug/kg	710
Methyl tert-butyl ether	ND	6000	ug/kg	1200

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ENSR International

Client Sample ID: SB45(8-10)

GC/MS Volatiles

Lot-Sample #...: C8J100124-001 Work Order #...: K0KA91AC Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Styrene	**19000**	**6000**	**ug/kg**	**770**
1,1,2,2-Tetrachloroethane	ND	6000	ug/kg	1100
1,2,4-Trichloro-benzene	**18000**	**6000**	**ug/kg**	**450**
Tetrachloroethene	ND	6000	ug/kg	990
1,1,1-Trichloroethane	ND	6000	ug/kg	1200
1,1,2-Trichloroethane	ND	6000	ug/kg	1400
Trichloroethene	ND	6000	ug/kg	960
Trichlorofluoromethane	ND	6000	ug/kg	1300
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	6000	ug/kg	400
Vinyl chloride	ND	6000	ug/kg	1500
Xylenes (total)	**72000**	**18000**	**ug/kg**	**2400**
Toluene	**54000**	**6000**	**ug/kg**	**1000**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	93	(52 - 124)
Toluene-d8	102	(72 - 127)
4-Bromofluorobenzene	95	(63 - 120)
Dibromofluoromethane	98	(68 - 121)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

ENSR International

Client Sample ID: SB45(8-10)

GC/MS Semivolatiles

Lot-Sample #...:	C8J100124-001	Work Order #...:	K0KA91AD	Matrix.....:	SO
Date Sampled...:	10/06/08 16:00	Date Received..:	10/09/08 09:30	MS Run #.....:	8287002
Prep Date.....:	10/13/08	Analysis Date..:	10/14/08		
Prep Batch #...:	8287010	Analysis Time..:	05:16		
Dilution Factor:	200	Initial Wgt/Vol:	15 g	Final Wgt/Vol..:	5 mL
% Moisture.....:	17	Analyst ID.....:	007062	Instrument ID..:	722
		Method.....:	SW846 8270C		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	**280000**	**16000**	**ug/kg**	**4100**
Acenaphthylene	**1700000**	**16000**	**ug/kg**	**4600**
Acetophenone	**8900 J**	**79000**	**ug/kg**	**4800**
Anthracene	**1200000**	**16000**	**ug/kg**	**4500**
Atrazine	ND	79000	ug/kg	5500
Benzo(a)anthracene	**890000**	**16000**	**ug/kg**	**3100**
Benzo(a)pyrene	**800000**	**16000**	**ug/kg**	**2500**
Benzo(b)fluoranthene	**1100000**	**16000**	**ug/kg**	**3100**
Benzo(ghi)perylene	**510000**	**16000**	**ug/kg**	**2700**
Benzo(k)fluoranthene	ND	16000	ug/kg	2500
Benzaldehyde	ND	79000	ug/kg	8400
1,1'-Biphenyl	**510000**	**79000**	**ug/kg**	**4400**
bis(2-Chloroethoxy) methane	ND	79000	ug/kg	3700
bis(2-Chloroethyl)-ether	ND	16000	ug/kg	1800
bis(2-Ethylhexyl) phthalate	ND	79000	ug/kg	6100
4-Bromophenyl phenyl ether	ND	79000	ug/kg	3600
Butyl benzyl phthalate	ND	79000	ug/kg	6400
Caprolactam	ND	410000	ug/kg	15000
Carbazole	**460000**	**16000**	**ug/kg**	**3300**
4-Chloroaniline	ND	79000	ug/kg	6900
4-Chloro-3-methylphenol	**5600 J**	**79000**	**ug/kg**	**4900**
2-Chloronaphthalene	ND	16000	ug/kg	4600
2-Chlorophenol	ND	79000	ug/kg	4000
4-Chlorophenyl phenyl ether	ND	79000	ug/kg	3900
Chrysene	**710000**	**16000**	**ug/kg**	**3200**
Dibenz(a,h)anthracene	**95000**	**16000**	**ug/kg**	**5100**
Dibenzofuran	**1200000**	**79000**	**ug/kg**	**4400**
3,3'-Dichlorobenzidine	ND	79000	ug/kg	18000
2,4-Dichlorophenol	ND	16000	ug/kg	2400
Diethyl phthalate	ND	79000	ug/kg	7100
2,4-Dimethylphenol	**440000**	**79000**	**ug/kg**	**3400**
Dimethyl phthalate	ND	79000	ug/kg	4500

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ENSR International

Client Sample ID: SB45(8-10)

GC/MS Semivolatiles

Lot-Sample #...: C8J100124-001 Work Order #...: K0KA91AD Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-butyl phthalate	ND	79000	ug/kg	13000
4,6-Dinitro-2-methylphenol	ND	410000	ug/kg	56000
2,4-Dinitrophenol	ND	410000	ug/kg	94000
2,4-Dinitrotoluene	ND	79000	ug/kg	4100
2,6-Dinitrotoluene	ND	79000	ug/kg	5100
Di-n-octyl phthalate	ND	79000	ug/kg	5500
Fluoranthene	**2200000**	**16000**	**ug/kg**	**5100**
Fluorene	**990000**	**16000**	**ug/kg**	**3900**
Hexachlorobenzene	ND	16000	ug/kg	4800
Hexachlorobutadiene	ND	16000	ug/kg	4900
Hexachlorocyclopentadiene	ND 79000 UJ	79000	ug/kg	3700
Hexachloroethane	ND	79000	ug/kg	3600
Indeno(1,2,3-cd)pyrene	**440000**	**16000**	**ug/kg**	**2800**
Isophorone	ND	79000	ug/kg	4400
2-Methylnaphthalene	**2600000**	**16000**	**ug/kg**	**4400**
2-Methylphenol	**280000**	**79000**	**ug/kg**	**5000**
4-Methylphenol	**490000**	**79000**	**ug/kg**	**5000**
Naphthalene 4200000	~~7700000 E~~	**16000**	**ug/kg**	**3900**
2-Nitroaniline	ND	410000	ug/kg	4800
3-Nitroaniline	ND	410000	ug/kg	6800
4-Nitroaniline	ND 410000 UJ	410000	ug/kg	3300
Nitrobenzene	ND	16000	ug/kg	2000
2-Nitrophenol	ND	79000	ug/kg	6300
4-Nitrophenol	ND	410000	ug/kg	6200
N-Nitrosodi-n-propylamine	ND	16000	ug/kg	1900
N-Nitrosodiphenylamine	ND	16000	ug/kg	4300
2,2'-oxybis(1-Chloropropane)	ND	16000	ug/kg	4800
Pentachlorophenol	ND	79000	ug/kg	5900
Phenanthrene 4500000	~~3500000 E~~	**16000**	**ug/kg**	**3800**
Phenol	**140000**	**16000**	**ug/kg**	**4800**
Pyrene	**2100000**	**16000**	**ug/kg**	**4900**
2,4,5-Trichlorophenol	ND	79000	ug/kg	6600
2,4,6-Trichlorophenol	ND	79000	ug/kg	6400

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ENSR International

Client Sample ID: SB45(8-10)

GC/MS Semivolatiles

Lot-Sample #...: C8J100124-001 Work Order #...: K0KA91AD Matrix.....: SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	NC,DIL	(50 - 124)
2-Fluorobiphenyl	NC,DIL	(49 - 105)
2-Fluorophenol	NC,DIL	(39 - 103)
Nitrobenzene-d5	NC,DIL	(25 - 104)
Phenol-d5	NC,DIL	(25 - 105)
Terphenyl-d14	NC,DIL	(25 - 127)

NOTE(S):

NC The recovery and/or RPD were not calculated.

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.

E Estimated result. Result concentration exceeds the calibration range.

ENSR International

Client Sample ID: SB45(8-10)

GC/MS Semivolatiles

Lot-Sample #...:	C8J100124-001	Work Order #...:	K0KA92AD	Matrix.....:	SO
Date Sampled...:	10/06/08 16:00	Date Received..:	10/09/08 09:30	MS Run #.....:	8287002
Prep Date.....:	10/13/08	Analysis Date..:	10/14/08		
Prep Batch #...:	8287010	Analysis Time..:	06:40		
Dilution Factor:	4000	Initial Wgt/Vol:	15 g	Final Wgt/Vol..:	5 mL
% Moisture.....:	17	Analyst ID.....:	007062	Instrument ID..:	722
		Method.....:	SW846 8270C		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	**340000**	**320000**	**ug/kg**	**83000**
Acenaphthylene	**2000000**	**320000**	**ug/kg**	**93000**
Acetophenone	ND	1600000	ug/kg	97000
Anthracene	**1300000**	**320000**	**ug/kg**	**90000**
Atrazine	ND	1600000	ug/kg	110000
Benzo(a)anthracene	**960000**	**320000**	**ug/kg**	**63000**
Benzo(a)pyrene	**880000**	**320000**	**ug/kg**	**49000**
Benzo(b)fluoranthene	**1200000**	**320000**	**ug/kg**	**61000**
Benzo(ghi)perylene	**530000**	**320000**	**ug/kg**	**54000**
Benzo(k)fluoranthene	ND	320000	ug/kg	51000
Benzaldehyde	ND	1600000	ug/kg	170000
1,1'-Biphenyl	**540000 J**	**1600000**	**ug/kg**	**88000**
bis(2-Chloroethoxy) methane	ND	1600000	ug/kg	74000
bis(2-Chloroethyl)-ether	ND	320000	ug/kg	36000
bis(2-Ethylhexyl) phthalate	ND	1600000	ug/kg	120000
4-Bromophenyl phenyl ether	ND	1600000	ug/kg	71000
Butyl benzyl phthalate	ND	1600000	ug/kg	130000
Caprolactam	ND	8200000	ug/kg	300000
Carbazole	**500000**	**320000**	**ug/kg**	**65000**
4-Chloroaniline	ND	1600000	ug/kg	140000
4-Chloro-3-methylphenol	ND	1600000	ug/kg	97000
2-Chloronaphthalene	ND	320000	ug/kg	92000
2-Chlorophenol	ND	1600000	ug/kg	80000
4-Chlorophenyl phenyl ether	ND	1600000	ug/kg	79000
Chrysene	**850000**	**320000**	**ug/kg**	**63000**
Dibenz(a,h)anthracene	ND	320000	ug/kg	100000
Dibenzofuran	**1300000 J**	**1600000**	**ug/kg**	**88000**
3,3'-Dichlorobenzidine	ND	1600000	ug/kg	360000
2,4-Dichlorophenol	ND	320000	ug/kg	47000
Diethyl phthalate	ND	1600000	ug/kg	140000
2,4-Dimethylphenol	**420000 J**	**1600000**	**ug/kg**	**68000**
Dimethyl phthalate	ND	1600000	ug/kg	90000

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ENSR International

Client Sample ID: SB45(8-10)

GC/MS Semivolatiles

Lot-Sample #...: C8J100124-001 Work Order #...: K0KA92AD Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-butyl phthalate	ND	1600000	ug/kg	260000
4,6-Dinitro-2-methylphenol	ND	8200000	ug/kg	1100000
2,4-Dinitrophenol	ND	8200000	ug/kg	1900000
2,4-Dinitrotoluene	ND	1600000	ug/kg	82000
2,6-Dinitrotoluene	ND	1600000	ug/kg	100000
Di-n-octyl phthalate	ND	1600000	ug/kg	110000
Fluoranthene	**2400000**	**320000**	**ug/kg**	**100000**
Fluorene	**1100000**	**320000**	**ug/kg**	**77000**
Hexachlorobenzene	ND	320000	ug/kg	96000
Hexachlorobutadiene	ND	320000	ug/kg	97000
Hexachlorocyclopentadiene	ND	1600000	ug/kg	73000
Hexachloroethane	ND	1600000	ug/kg	71000
Indeno(1,2,3-cd)pyrene	**460000**	**320000**	**ug/kg**	**56000**
Isophorone	ND	1600000	ug/kg	89000
2-Methylnaphthalene	**3400000**	**320000**	**ug/kg**	**88000**
2-Methylphenol	**280000 J**	**1600000**	**ug/kg**	**100000**
4-Methylphenol	**570000 J**	**1600000**	**ug/kg**	**100000**
Naphthalene	**42000000**	**320000**	**ug/kg**	**77000**
2-Nitroaniline	ND	8200000	ug/kg	96000
3-Nitroaniline	ND	8200000	ug/kg	140000
4-Nitroaniline	ND	8200000	ug/kg	67000
Nitrobenzene	ND	320000	ug/kg	40000
2-Nitrophenol	ND	1600000	ug/kg	130000
4-Nitrophenol	ND	8200000	ug/kg	120000
N-Nitrosodi-n-propylamine	ND	320000	ug/kg	39000
N-Nitrosodiphenylamine	ND	320000	ug/kg	86000
2,2'-oxybis(1-Chloropropane)	ND	320000	ug/kg	95000
Pentachlorophenol	ND	1600000	ug/kg	120000
Phenanthrene	**4500000**	**320000**	**ug/kg**	**76000**
Phenol	**130000 J**	**320000**	**ug/kg**	**96000**
Pyrene	**2500000**	**320000**	**ug/kg**	**97000**
2,4,5-Trichlorophenol	ND	1600000	ug/kg	130000
2,4,6-Trichlorophenol	ND	1600000	ug/kg	130000

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ENSR International

Client Sample ID: SB45(8-10)

GC/MS Semivolatiles

Lot-Sample #...: C8J100124-001 Work Order #...: K0KA92AD Matrix.....: SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	NC,DIL	(50 - 124)
2-Fluorobiphenyl	NC,DIL	(49 - 105)
2-Fluorophenol	NC,DIL	(39 - 103)
Nitrobenzene-d5	NC,DIL	(25 - 104)
Phenol-d5	NC,DIL	(25 - 105)
Terphenyl-d14	NC,DIL	(25 - 127)

NOTE(S):

NC The recovery and/or RPD were not calculated.

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.

ENSR International

Client Sample ID: SB45(8-10)

TOTAL Metals

Lot-Sample #...: C8J100124-001 Matrix.....: SO
Date Sampled...: 10/06/08 Date Received..: 10/09/08
% Moisture.....: 17

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8289530						
Silver	0.13 B J	0.60	mg/kg	SW846 6010B	10/15-10/23/08	K0KA91AE
	Dilution Factor: 1	Analysis Time..: 23:03		Analyst ID.....: 022952		
	Instrument ID..: TRACEICP	MS Run #.....: 8289320		MDL.....: 0.079		
Aluminum	6670	24.0	mg/kg	SW846 6010B	10/15-10/23/08	K0KA91AF
	Dilution Factor: 1	Analysis Time..: 23:03		Analyst ID.....: 022952		
	Instrument ID..: TRACEICP	MS Run #.....: 8289320		MDL.....: 2.9		
Arsenic	6.0	1.2	mg/kg	SW846 6010B	10/15-10/23/08	K0KA91AG
	Dilution Factor: 1	Analysis Time..: 23:03		Analyst ID.....: 022952		
	Instrument ID..: TRACEICP	MS Run #.....: 8289320		MDL.....: 0.35		
Barium	45.1	24.0	mg/kg	SW846 6010B	10/15-10/23/08	K0KA91AH
	Dilution Factor: 1	Analysis Time..: 23:03		Analyst ID.....: 022952		
	Instrument ID..: TRACEICP	MS Run #.....: 8289320		MDL.....: 0.095		
Beryllium	~~0.41 B~~ 0.48 U	0.48	mg/kg	SW846 6010B	10/15-10/23/08	K0KA91AJ
	Dilution Factor: 1	Analysis Time..: 23:03		Analyst ID.....: 022952		
	Instrument ID..: TRACEICP	MS Run #.....: 8289320		MDL.....: 0.018		
Calcium	24900 J	600	mg/kg	SW846 6010B	10/15-10/23/08	K0KA91AK
	Dilution Factor: 1	Analysis Time..: 23:03		Analyst ID.....: 022952		
	Instrument ID..: TRACEICP	MS Run #.....: 8289320		MDL.....: 2.0		
Cadmium	0.30 B J	0.60	mg/kg	SW846 6010B	10/15-10/23/08	K0KA91AL
	Dilution Factor: 1	Analysis Time..: 23:03		Analyst ID.....: 022952		
	Instrument ID..: TRACEICP	MS Run #.....: 8289320		MDL.....: 0.025		
Cobalt	3.3 B J	6.0	mg/kg	SW846 6010B	10/15-10/23/08	K0KA91AM
	Dilution Factor: 1	Analysis Time..: 23:03		Analyst ID.....: 022952		
	Instrument ID..: TRACEICP	MS Run #.....: 8289320		MDL.....: 0.097		
Chromium	16.4	0.60	mg/kg	SW846 6010B	10/15-10/23/08	K0KA91AN
	Dilution Factor: 1	Analysis Time..: 23:03		Analyst ID.....: 022952		
	Instrument ID..: TRACEICP	MS Run #.....: 8289320		MDL.....: 0.067		

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ENSR International

Client Sample ID: SB45(8-10)

TOTAL Metals

Lot-Sample #...: C8J100124-001 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Copper	15.9	3.0	mg/kg	SW846 6010B	10/15-10/23/08	K0KA91AP
		Dilution Factor: 1		Analysis Time..: 23:03	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8289320	MDL.....: 0.32	
Iron	13600 J	12.0	mg/kg	SW846 6010B	10/15-10/23/08	K0KA91AQ
		Dilution Factor: 1		Analysis Time..: 23:03	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8289320	MDL.....: 1.5	
Potassium	1020	600	mg/kg	SW846 6010B	10/15-10/23/08	K0KA91AR
		Dilution Factor: 1		Analysis Time..: 23:03	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8289320	MDL.....: 90.0	
Magnesium	5470	600	mg/kg	SW846 6010B	10/15-10/23/08	K0KA91AT
		Dilution Factor: 1		Analysis Time..: 23:03	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8289320	MDL.....: 2.5	
Manganese	303	1.8	mg/kg	SW846 6010B	10/15-10/23/08	K0KA91AU
		Dilution Factor: 1		Analysis Time..: 23:03	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8289320	MDL.....: 0.073	
Sodium	608	600	mg/kg	SW846 6010B	10/15-10/23/08	K0KA91AV
		Dilution Factor: 1		Analysis Time..: 23:03	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8289320	MDL.....: 17.4	
Nickel	6.7	4.8	mg/kg	SW846 6010B	10/15-10/23/08	K0KA91AW
		Dilution Factor: 1		Analysis Time..: 23:03	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8289320	MDL.....: 0.17	
Lead	155	0.36	mg/kg	SW846 6010B	10/15-10/23/08	K0KA91AX
		Dilution Factor: 1		Analysis Time..: 23:03	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8289320	MDL.....: 0.19	
Selenium	0.79	0.60	mg/kg	SW846 6010B	10/15-10/23/08	K0KA91A0
		Dilution Factor: 1		Analysis Time..: 23:03	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8289320	MDL.....: 0.21	
Thallium	ND	1.2	mg/kg	SW846 6010B	10/15-10/23/08	K0KA91A1
		Dilution Factor: 1		Analysis Time..: 23:03	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8289320	MDL.....: 0.37	

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ENSR International

Client Sample ID: SB45(8-10)

TOTAL Metals

Lot-Sample #...: C8J100124-001 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	ND	1.2	mg/kg	SW846 6010B	10/15-10/23/08	K0KA91A2
		Dilution Factor: 1		Analysis Time..: 23:03	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8289320	MDL.....: 0.25	
Vanadium	**16.0**	**6.0**	**mg/kg**	**SW846 6010B**	**10/15-10/23/08**	**K0KA91A3**
		Dilution Factor: 1		Analysis Time..: 23:03	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8289320	MDL.....: 0.29	
Zinc	**67.8 J**	**2.4**	**mg/kg**	**SW846 6010B**	**10/15-10/23/08**	**K0KA91A4**
		Dilution Factor: 1		Analysis Time..: 23:03	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8289320	MDL.....: 0.22	
Prep Batch #...: 8294184						
Mercury	**3.5**	**0.40**	**mg/kg**	**SW846 7471A**	**10/20/08**	**K0KA91A5**
		Dilution Factor: 10		Analysis Time..: 16:11	Analyst ID.....: 401509	
		Instrument ID..: HGHYDRA		MS Run #.....: 8294107	MDL.....: 0.030	

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.

KNSR International

Client Sample ID: SB45(20-22)

GC/MS Volatiles

Lot-Sample #...: C8J100124-002	**Work Order #...:** K0KCL1AK	**Matrix.....:** SO
Date Sampled...: 10/07/08	**Date Received..:** 10/09/08	**MS Run #.....:** 8291289
Prep Date.....: 10/17/08	**Analysis Date..:** 10/17/08	
Prep Batch #...: 8291500	**Analysis Time..:** 22:26	
Dilution Factor: 1	**Initial Wgt/Vol:** 5 g	**Final Wgt/Vol..:** 5 mL
% Moisture.....: 19	**Analyst ID.....:** 403419	**Instrument ID..:** HP3
	Method.....: SW846 8260B	

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	25	ug/kg	6.2
Benzene	**1.8 J**	**6.2**	**ug/kg**	**0.83**
Bromodichloromethane	ND	6.2	ug/kg	0.69
Bromoform	ND	6.2	ug/kg	0.55
Bromomethane	ND	6.2	ug/kg	0.91
2-Butanone	**3.1 J**	**6.2**	**ug/kg**	**1.1**
Carbon disulfide	ND	6.2	ug/kg	0.63
Carbon tetrachloride	ND	6.2	ug/kg	0.55
Chlorobenzene	ND	6.2	ug/kg	0.94
Chloroethane	ND	6.2	ug/kg	1.9
Chloroform	ND	6.2	ug/kg	0.72
Chloromethane	ND	6.2	ug/kg	1.1
Cyclohexane	ND	6.2	ug/kg	0.46
Dibromochloromethane	ND	6.2	ug/kg	0.88
1,2-Dibromo-3-chloro-propane	ND	6.2	ug/kg	0.93
1,2-Dibromoethane	ND	6.2	ug/kg	1.1
1,3-Dichlorobenzene	ND	6.2	ug/kg	0.81
1,4-Dichlorobenzene	ND	6.2	ug/kg	0.79
1,2-Dichlorobenzene	ND	6.2	ug/kg	0.99
Dichlorodifluoromethane	ND	6.2	ug/kg	0.82
1,1-Dichloroethane	ND	6.2	ug/kg	0.71
1,2-Dichloroethane	ND	6.2	ug/kg	0.76
1,1-Dichloroethene	ND	6.2	ug/kg	1.0
cis-1,2-Dichloroethene	ND	6.2	ug/kg	0.87
trans-1,2-Dichloroethene	ND	6.2	ug/kg	0.74
1,2-Dichloropropane	ND	6.2	ug/kg	0.67
cis-1,3-Dichloropropene	ND	6.2	ug/kg	0.84
trans-1,3-Dichloropropene	ND	6.2	ug/kg	0.74
Ethylbenzene	ND	6.2	ug/kg	0.79
2-Hexanone	ND	6.2	ug/kg	0.85
Isopropylbenzene	ND	6.2	ug/kg	0.84
Methyl acetate	ND	6.2	ug/kg	1.1
Methylene chloride	~~2.7 J,B~~ 6.2U	**6.2**	**ug/kg**	**0.83**
Methylcyclohexane	ND	6.2	ug/kg	0.90
4-Methyl-2-pentanone	ND	6.2	ug/kg	0.81
Methyl tert-butyl ether	ND	6.2	ug/kg	0.92

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ENSR International

Client Sample ID: SB45(20-22)

GC/MS Volatiles

Lot-Sample #...: C8J100124-002 **Work Order #...:** K0KCL1AK **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Styrene	ND	6.2	ug/kg	0.66
1,1,2,2-Tetrachloroethane	ND	6.2	ug/kg	0.89
1,2,4-Trichloro-benzene	ND	6.2	ug/kg	1.1
Tetrachloroethene	ND	6.2	ug/kg	0.84
1,1,1-Trichloroethane	ND	6.2	ug/kg	0.60
1,1,2-Trichloroethane	ND	6.2	ug/kg	1.0
Trichloroethene	ND	6.2	ug/kg	0.81
Trichlorofluoromethane	ND	6.2	ug/kg	1.1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	6.2	ug/kg	1.3
Vinyl chloride	ND	6.2	ug/kg	0.58
Xylenes (total)	ND	19	ug/kg	2.8
Toluene	**1.0 J**	**6.2**	**ug/kg**	**0.90**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	113	(52 - 124)
Toluene-d8	109	(72 - 127)
4-Bromofluorobenzene	94	(63 - 120)
Dibromofluoromethane	111	(68 - 121)

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.

ENSR International

Client Sample ID: SB45(20-22)

GC/MS Semivolatiles

Lot-Sample #...:	C8J100124-002	**Work Order #...:**	K0KCL1AL	**Matrix.....:**	SO
Date Sampled...:	10/07/08 12:00	**Date Received..:**	10/09/08 09:30	**MS Run #.....:**	8287002
Prep Date.....:	10/13/08	**Analysis Date..:**	10/14/08		
Prep Batch #...:	8287010	**Analysis Time..:**	05:37		
Dilution Factor:	1	**Initial Wgt/Vol:**	15 g	**Final Wgt/Vol..:**	5 mL
% Moisture.....:	19	**Analyst ID.....:**	007062	**Instrument ID..:**	722
		Method.....:	SW846 8270C		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	**22 J**	**83**	**ug/kg**	**21**
Acenaphthylene	**43 J**	**83**	**ug/kg**	**24**
Acetophenone	ND	410	ug/kg	25
Anthracene	**58 J**	**83**	**ug/kg**	**23**
Atrazine	ND 410 UJ	410	ug/kg	28
Benzo(a)anthracene	ND	83	ug/kg	16
Benzo(a)pyrene	ND	83	ug/kg	13
Benzo(b)fluoranthene	ND	83	ug/kg	16
Benzo(ghi)perylene	ND	83	ug/kg	14
Benzo(k)fluoranthene	ND	83	ug/kg	13
Benzaldehyde	ND	410	ug/kg	43
1,1'-Biphenyl	ND	410	ug/kg	23
bis(2-Chloroethoxy) methane	ND	410	ug/kg	19
bis(2-Chloroethyl)-ether	ND	83	ug/kg	9.2
bis(2-Ethylhexyl) phthalate	ND	410	ug/kg	31
4-Bromophenyl phenyl ether	ND	410	ug/kg	18
Butyl benzyl phthalate	ND	410	ug/kg	33
Caprolactam	ND	2100	ug/kg	78
Carbazole	ND	83	ug/kg	17
4-Chloroaniline	ND	410	ug/kg	35
4-Chloro-3-methylphenol	ND	410	ug/kg	25
2-Chloronaphthalene	ND	83	ug/kg	24
2-Chlorophenol	ND	410	ug/kg	21
4-Chlorophenyl phenyl ether	ND	410	ug/kg	20
Chrysene	ND	83	ug/kg	16
Dibenz(a,h)anthracene	ND	83	ug/kg	26
Dibenzofuran	**48 J**	**410**	**ug/kg**	**23**
3,3'-Dichlorobenzidine	ND 410 UJ	410	ug/kg	92
2,4-Dichlorophenol	ND	83	ug/kg	12
Diethyl phthalate	ND	410	ug/kg	37
2,4-Dimethylphenol	ND	410	ug/kg	18
Dimethyl phthalate	ND	410	ug/kg	23

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ENSR International

Client Sample ID: SB45(20-22)

GC/MS Semivolatiles

Lot-Sample #...: C8J100124-002 Work Order #...: K0KCL1AL Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-butyl phthalate	ND	410	ug/kg	68
4,6-Dinitro-2-methylphenol	ND	2100	ug/kg	290
2,4-Dinitrophenol	ND	2100	ug/kg	480
2,4-Dinitrotoluene	ND	410	ug/kg	21
2,6-Dinitrotoluene	ND	410	ug/kg	26
Di-n-octyl phthalate	ND	410	ug/kg	29
Fluoranthene	**260**	**83**	**ug/kg**	**26**
Fluorene	**36 J**	**83**	**ug/kg**	**20**
Hexachlorobenzene	ND	83	ug/kg	25
Hexachlorobutadiene	ND	83	ug/kg	25
Hexachlorocyclopentadiene	ND 410 UJ	410	ug/kg	19
Hexachloroethane	ND	410	ug/kg	18
Indeno(1,2,3-cd)pyrene	ND	83	ug/kg	15
Isophorone	ND	410	ug/kg	23
2-Methylnaphthalene	**41 J**	**83**	**ug/kg**	**23**
2-Methylphenol	ND	410	ug/kg	26
4-Methylphenol	ND	410	ug/kg	26
Naphthalene	**560**	**83**	**ug/kg**	**20**
2-Nitroaniline	ND	2100	ug/kg	25
3-Nitroaniline	ND	2100	ug/kg	35
4-Nitroaniline	ND 2100 UJ	2100	ug/kg	17
Nitrobenzene	ND	83	ug/kg	10
2-Nitrophenol	ND	410	ug/kg	33
4-Nitrophenol	ND	2100	ug/kg	32
N-Nitrosodi-n-propylamine	ND	83	ug/kg	10
N-Nitrosodiphenylamine	ND	83	ug/kg	22
2,2'-oxybis(1-Chloropropane)	ND	83	ug/kg	25
Pentachlorophenol	ND	410	ug/kg	31
Phenanthrene	**140**	**83**	**ug/kg**	**20**
Phenol	ND	83	ug/kg	25
Pyrene	**230**	**83**	**ug/kg**	**25**
2,4,5-Trichlorophenol	ND	410	ug/kg	34
2,4,6-Trichlorophenol	ND	410	ug/kg	33

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ENSR International

Client Sample ID: SB45(20-22)

GC/MS Semivolatiles

Lot-Sample #...: C8J100124-002 Work Order #...: K0KCL1AL Matrix.....: SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	72	(50 - 124)
2-Fluorobiphenyl	68	(49 - 105)
2-Fluorophenol	76	(39 - 103)
Nitrobenzene-d5	74	(25 - 104)
Phenol-d5	79	(25 - 105)
Terphenyl-d14	95	(25 - 127)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

ENSR International

Client Sample ID: SB45(20-22)

TOTAL Metals

Lot-Sample #...: C8J100124-002 Matrix.....: SO
Date Sampled...: 10/07/08 Date Received..: 10/09/08
% Moisture.....: 19

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8289530						
Silver	ND	0.62	mg/kg	SW846 6010B	10/15-10/23/08	K0KCL1AM
		Dilution Factor: 1		Analysis Time..: 23:09	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8289320	MDL.....: 0.082	
Aluminum	**4150**	**24.7**	**mg/kg**	**SW846 6010B**	**10/15-10/23/08**	**K0KCL1AN**
		Dilution Factor: 1		Analysis Time..: 23:09	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8289320	MDL.....: 3.0	
Arsenic	**2.3**	**1.2**	**mg/kg**	**SW846 6010B**	**10/15-10/23/08**	**K0KCL1AP**
		Dilution Factor: 1		Analysis Time..: 23:09	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8289320	MDL.....: 0.36	
Barium	**30.9**	**24.7**	**mg/kg**	**SW846 6010B**	**10/15-10/23/08**	**K0KCL1AQ**
		Dilution Factor: 1		Analysis Time..: 23:09	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8289320	MDL.....: 0.098	
Beryllium	~~0.35 B~~ 0.49 U	**0.49**	**mg/kg**	**SW846 6010B**	**10/15-10/23/08**	**K0KCL1AR**
		Dilution Factor: 1		Analysis Time..: 23:09	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8289320	MDL.....: 0.019	
Calcium	**30800 J**	**618**	**mg/kg**	**SW846 6010B**	**10/15-10/23/08**	**K0KCL1AT**
		Dilution Factor: 1		Analysis Time..: 23:09	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8289320	MDL.....: 2.1	
Cadmium	**0.074 B J**	**0.62**	**mg/kg**	**SW846 6010B**	**10/15-10/23/08**	**K0KCL1AU**
		Dilution Factor: 1		Analysis Time..: 23:09	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8289320	MDL.....: 0.026	
Cobalt	**4.2 B J**	**6.2**	**mg/kg**	**SW846 6010B**	**10/15-10/23/08**	**K0KCL1AV**
		Dilution Factor: 1		Analysis Time..: 23:09	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8289320	MDL.....: 0.10	
Chromium	**6.6**	**0.62**	**mg/kg**	**SW846 6010B**	**10/15-10/23/08**	**K0KCL1AW**
		Dilution Factor: 1		Analysis Time..: 23:09	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8289320	MDL.....: 0.069	

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ENSR International

Client Sample ID: SB45(20-22)

TOTAL Metals

Lot-Sample #...: C8J100124-002 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Copper	13.0	3.1	mg/kg	SW846 6010B	10/15-10/23/08	K0KCL1AX
		Dilution Factor: 1		Analysis Time..: 23:09	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8289320	MDL.....: 0.33	
Iron	12000 J	12.4	mg/kg	SW846 6010B	10/15-10/23/08	K0KCL1A0
		Dilution Factor: 1		Analysis Time..: 23:09	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8289320	MDL.....: 1.6	
Potassium	802	618	mg/kg	SW846 6010B	10/15-10/23/08	K0KCL1A1
		Dilution Factor: 1		Analysis Time..: 23:09	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8289320	MDL.....: 92.7	
Magnesium	9490	618	mg/kg	SW846 6010B	10/15-10/23/08	K0KCL1A2
		Dilution Factor: 1		Analysis Time..: 23:09	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8289320	MDL.....: 2.6	
Manganese	288	1.9	mg/kg	SW846 6010B	10/15-10/23/08	K0KCL1A3
		Dilution Factor: 1		Analysis Time..: 23:09	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8289320	MDL.....: 0.075	
Sodium	194 J	618	mg/kg	SW846 6010B	10/15-10/23/08	K0KCL1A4
		Dilution Factor: 1		Analysis Time..: 23:09	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8289320	MDL.....: 17.9	
Nickel	9.6	4.9	mg/kg	SW846 6010B	10/15-10/23/08	K0KCL1A5
		Dilution Factor: 1		Analysis Time..: 23:09	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8289320	MDL.....: 0.18	
Lead	4.1	0.37	mg/kg	SW846 6010B	10/15-10/23/08	K0KCL1A6
		Dilution Factor: 1		Analysis Time..: 23:09	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8289320	MDL.....: 0.19	
Selenium	ND	0.62	mg/kg	SW846 6010B	10/15-10/23/08	K0KCL1AA
		Dilution Factor: 1		Analysis Time..: 23:09	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8289320	MDL.....: 0.22	
Thallium	ND	1.2	mg/kg	SW846 6010B	10/15-10/23/08	K0KCL1AC
		Dilution Factor: 1		Analysis Time..: 23:09	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8289320	MDL.....: 0.38	

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ENSR International

Client Sample ID: SB45(20-22)

TOTAL Metals

Lot-Sample #...: C8J100124-002 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	ND	1.2	mg/kg	SW846 6010B	10/15-10/23/08	K0KCL1AD
		Dilution Factor: 1		Analysis Time..: 23:09	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8289320	MDL.....: 0.26	
Vanadium	**14.0**	**6.2**	**mg/kg**	**SW846 6010B**	**10/15-10/23/08**	**K0KCL1AE**
		Dilution Factor: 1		Analysis Time..: 23:09	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8289320	MDL.....: 0.30	
Zinc	**30.5 J**	**2.5**	**mg/kg**	**SW846 6010B**	**10/15-10/23/08**	**K0KCL1AF**
		Dilution Factor: 1		Analysis Time..: 23:09	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8289320	MDL.....: 0.23	
Prep Batch #...: 8294184						
Mercury	ND UJ	0.041	mg/kg	SW846 7471A	10/20/08	K0KCL1AG
		Dilution Factor: 1		Analysis Time..: 15:58	Analyst ID.....: 401509	
		Instrument ID..: HGHYDRA		MS Run #.....: 8294107	MDL.....: 0.0031	

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.

AECOM, Inc

Client Sample ID: SB46(8-10)

GC/MS Volatiles

Lot-Sample #...: C8G260118-002	**Work Order #...:** KR7VP1AK	**Matrix.....:** SO
Date Sampled...: 07/24/08	**Date Received..:** 07/26/08	**MS Run #.....:** 8211158
Prep Date.....: 07/29/08	**Analysis Date..:** 07/29/08	
Prep Batch #...: 8211253	**Analysis Time..:** 11:30	
Dilution Factor: 5	**Initial Wgt/Vol:** 5 g	**Final Wgt/Vol..:** 5 mL
% Moisture.....: 18	**Analyst ID.....:** 001562	**Instrument ID..:** HP5
	Method.....: SW846 8260B	

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	6100	ug/kg	360
Benzene	ND	1500	ug/kg	310
Bromodichloromethane	ND	1500	ug/kg	290
Bromoform	ND	1500	ug/kg	310
Bromomethane	ND	1500	ug/kg	380
2-Butanone	ND	1500	ug/kg	290
Carbon disulfide	ND	1500	ug/kg	370
Carbon tetrachloride	ND	1500	ug/kg	270
Chlorobenzene	ND	1500	ug/kg	340
Chloroethane	ND	1500	ug/kg	440
Chloroform	ND	1500	ug/kg	320
Chloromethane	ND	1500	ug/kg	340
Cyclohexane	ND	1500	ug/kg	300
Dibromochloromethane	ND	1500	ug/kg	280
1,2-Dibromo-3-chloro-propane	ND	1500	ug/kg	260
1,2-Dibromoethane	ND	1500	ug/kg	320
1,3-Dichlorobenzene	ND	1500	ug/kg	320
1,4-Dichlorobenzene	ND	1500	ug/kg	340
1,2-Dichlorobenzene	ND	1500	ug/kg	330
Dichlorodifluoromethane	ND	1500	ug/kg	390
1,1-Dichloroethane	ND	1500	ug/kg	300
1,2-Dichloroethane	ND	1500	ug/kg	330
1,1-Dichloroethene	ND	1500	ug/kg	360
cis-1,2-Dichloroethene	ND	1500	ug/kg	330
trans-1,2-Dichloroethene	ND	1500	ug/kg	350
1,2-Dichloropropane	ND	1500	ug/kg	340
cis-1,3-Dichloropropene	ND	1500	ug/kg	270
trans-1,3-Dichloropropene	ND	1500	ug/kg	260
Ethylbenzene	**1400 J**	**1500**	**ug/kg**	**360**
2-Hexanone	ND	1500	ug/kg	240
Isopropylbenzene	**650 J**	**1500**	**ug/kg**	**320**
Methyl acetate	ND	1500	ug/kg	320
Methylene chloride	ND	1500	ug/kg	230
Methylcyclohexane	**3800**	**1500**	**ug/kg**	**340**
4-Methyl-2-pentanone	ND	1500	ug/kg	260
Methyl tert-butyl ether	ND	1500	ug/kg	280

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AECOM, Inc

Client Sample ID: SB46(8-10)

GC/MS Volatiles

Lot-Sample #...: C8G260118-002 Work Order #...: KR7VP1AK Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Styrene	ND	1500	ug/kg	340
1,1,2,2-Tetrachloroethane	ND	1500	ug/kg	340
1,2,4-Trichloro-benzene	ND	1500	ug/kg	310
Tetrachloroethene	ND	1500	ug/kg	390
1,1,1-Trichloroethane	ND	1500	ug/kg	310
1,1,2-Trichloroethane	ND	1500	ug/kg	320
Trichloroethene	ND	1500	ug/kg	340
Trichlorofluoromethane	ND	1500	ug/kg	490
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1500	ug/kg	370
Vinyl chloride	ND	1500	ug/kg	340
Xylenes (total)	**2800 J**	**4600**	**ug/kg**	**1100**
Toluene	ND	1500	ug/kg	240

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	106	(52 - 124)
Toluene-d8	102	(72 - 127)
4-Bromofluorobenzene	105	(63 - 120)
Dibromofluoromethane	98	(68 - 121)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

ENSR International

Client Sample ID: SB46(8-10)

GC/MS Semivolatiles

Lot-Sample #...:	C8G260118-002	Work Order #...:	KR7VP1AL	Matrix.....:	SO
Date Sampled...:	07/24/08 09:20	Date Received..:	07/26/08 09:10	MS Run #.....:	8213033
Prep Date.....:	07/31/08	Analysis Date..:	08/04/08		
Prep Batch #...:	8213071	Analysis Time..:	08:29		
Dilution Factor:	10	Initial Wgt/Vol:	15 g	Final Wgt/Vol..:	5 mL
% Moisture.....:	18	Analyst ID.....:	007062	Instrument ID..:	732
		Method.....:	SW846 8270C		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	**6800**	**4000**	**ug/kg**	**210**
Acenaphthylene	**990 J**	**4000**	**ug/kg**	**230**
Acetophenone	ND	4000	ug/kg	240
Anthracene	**7600**	**4000**	**ug/kg**	**230**
Atrazine	ND	4000	ug/kg	280
Benzo(a)anthracene	**14000**	**4000**	**ug/kg**	**160**
Benzo(a)pyrene	**12000**	**4000**	**ug/kg**	**120**
Benzo(b)fluoranthene	**16000 J**	**4000**	**ug/kg**	**150**
Benzo(ghi)perylene	**6600**	**4000**	**ug/kg**	**140**
Benzo(k)fluoranthene	ND	4000	ug/kg	130
Benzaldehyde	ND 4000 UJ	4000	ug/kg	430
1,1'-Biphenyl	**1400 J**	**4000**	**ug/kg**	**220**
bis(2-Chloroethoxy) methane	ND	4000	ug/kg	190
bis(2-Chloroethyl)-ether	ND	4000	ug/kg	91
bis(2-Ethylhexyl) phthalate	ND	4000	ug/kg	310
4-Bromophenyl phenyl ether	ND	4000	ug/kg	180
Butyl benzyl phthalate	ND	4000	ug/kg	320
Caprolactam	ND	4000	ug/kg	760
Carbazole	**3200 J**	**4000**	**ug/kg**	**170**
4-Chloroaniline	ND	4000	ug/kg	350
4-Chloro-3-methylphenol	ND	4000	ug/kg	250
2-Chloronaphthalene	ND	4000	ug/kg	230
2-Chlorophenol	ND	4000	ug/kg	200
4-Chlorophenyl phenyl ether	ND	4000	ug/kg	200
Chrysene	**10000**	**4000**	**ug/kg**	**160**
Dibenz(a,h)anthracene	**2200 J**	**4000**	**ug/kg**	**260**
Dibenzofuran	**6300**	**4000**	**ug/kg**	**220**
3,3'-Dichlorobenzidine	ND	19000	ug/kg	910
2,4-Dichlorophenol	ND	4000	ug/kg	120
Diethyl phthalate	ND	4000	ug/kg	360
2,4-Dimethylphenol	ND	4000	ug/kg	170
Dimethyl phthalate	ND	4000	ug/kg	230

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ENSR International

Client Sample ID: SB46(8-10)

GC/MS Semivolatiles

Lot-Sample #...: C8G260118-002 Work Order #...: KR7VP1AL Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-butyl phthalate	ND	4000	ug/kg	670
4,6-Dinitro-2-methylphenol	ND	19000	ug/kg	2800
2,4-Dinitrophenol	ND	19000	ug/kg	4800
2,4-Dinitrotoluene	ND	4000	ug/kg	210
2,6-Dinitrotoluene	ND	4000	ug/kg	260
Di-n-octyl phthalate	ND	4000	ug/kg	280
Fluoranthene	**31000**	**4000**	**ug/kg**	**260**
Fluorene	**6100**	**4000**	**ug/kg**	**200**
Hexachlorobenzene	ND	4000	ug/kg	240
Hexachlorobutadiene	ND	4000	ug/kg	250
Hexachlorocyclopenta-diene	ND	19000	ug/kg	180
Hexachloroethane	ND	4000	ug/kg	180
Indeno(1,2,3-cd)pyrene	**6200 J**	**4000**	**ug/kg**	**140**
Isophorone	ND	4000	ug/kg	220
2-Methylnaphthalene	**5900**	**4000**	**ug/kg**	**220**
2-Methylphenol	ND	4000	ug/kg	250
4-Methylphenol	ND	4000	ug/kg	250
Naphthalene	**75000**	**4000**	**ug/kg**	**200**
2-Nitroaniline	ND	19000	ug/kg	240
3-Nitroaniline	ND	19000	ug/kg	350
4-Nitroaniline	ND [illegible] UJ	19000	ug/kg	170
Nitrobenzene	ND	4000	ug/kg	100
2-Nitrophenol	ND	4000	ug/kg	320
4-Nitrophenol	ND	19000	ug/kg	310
N-Nitrosodi-n-propyl-amine	ND	4000	ug/kg	99
N-Nitrosodiphenylamine	ND	4000	ug/kg	220
2,2'-oxybis (1-Chloropropane)	ND	4000	ug/kg	240
Pentachlorophenol	ND	19000	ug/kg	300
Phenanthrene	**21000**	**4000**	**ug/kg**	**190**
Phenol	ND	4000	ug/kg	240
Pyrene	**23000**	**4000**	**ug/kg**	**250**
2,4,5-Trichloro-phenol	ND	4000	ug/kg	330
2,4,6-Trichloro-phenol	ND	4000	ug/kg	320

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ENSR International

Client Sample ID: SB46(8-10)

GC/MS Semivolatiles

Lot-Sample #...: C8G260118-002 Work Order #...: KR7VP1AL Matrix.....: SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	85	(10 - 117)
2-Fluorobiphenyl	79	(20 - 109)
2-Fluorophenol	80	(10 - 113)
Nitrobenzene-d5	75	(18 - 106)
Phenol-d5	79	(18 - 113)
Terphenyl-d14	88	(10 - 138)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

ENSR International

Client Sample ID: SB46(8-10)

TOTAL Metals

Lot-Sample #...: C8G260118-002 **Matrix.....:** SO
Date Sampled...: 07/24/08 **Date Received..:** 07/26/08
% Moisture.....: 18

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8214085						
Silver	~~0.14 B~~ 0.61 U	**0.61**	**mg/kg**	**SW846 6010B**	**08/01-08/12/08**	**KR7VP1AM**
		Dilution Factor: 1		Analysis Time..: 20:03	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8214052	MDL.....: 0.045	
Aluminum	**4950**	**24.3**	**mg/kg**	**SW846 6010B**	**08/01-08/12/08**	**KR7VP1AN**
		Dilution Factor: 1		Analysis Time..: 20:03	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8214052	MDL.....: 1.7	
Arsenic	**2.2**	**1.2**	**mg/kg**	**SW846 6010B**	**08/01-08/12/08**	**KR7VP1AP**
		Dilution Factor: 1		Analysis Time..: 20:03	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8214052	MDL.....: 0.28	
Barium	**37.2**	**24.3**	**mg/kg**	**SW846 6010B**	**08/01-08/12/08**	**KR7VP1AQ**
		Dilution Factor: 1		Analysis Time..: 20:03	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8214052	MDL.....: 0.044	
Beryllium	**0.39 B J**	**0.49**	**mg/kg**	**SW846 6010B**	**08/01-08/12/08**	**KR7VP1AR**
		Dilution Factor: 1		Analysis Time..: 20:03	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8214052	MDL.....: 0.037	
Calcium	**23400**	**607**	**mg/kg**	**SW846 6010B**	**08/01-08/12/08**	**KR7VP1AT**
		Dilution Factor: 1		Analysis Time..: 20:03	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8214052	MDL.....: 30.5	
Cadmium	**0.23 B J**	**0.61**	**mg/kg**	**SW846 6010B**	**08/01-08/12/08**	**KR7VP1AU**
		Dilution Factor: 1		Analysis Time..: 20:03	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8214052	MDL.....: 0.057	
Cobalt	**3.7 B J**	**6.1**	**mg/kg**	**SW846 6010B**	**08/01-08/12/08**	**KR7VP1AV**
		Dilution Factor: 1		Analysis Time..: 20:03	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8214052	MDL.....: 0.052	
Chromium	**7.1**	**0.61**	**mg/kg**	**SW846 6010B**	**08/01-08/12/08**	**KR7VP1AW**
		Dilution Factor: 1		Analysis Time..: 20:03	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8214052	MDL.....: 0.099	

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ENSR International

Client Sample ID: SB46(8-10)

TOTAL Metals

Lot-Sample #...: C8G260118-002 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Copper	12.0	3.0	mg/kg	SW846 6010B	08/01-08/12/08	KR7VP1AX
		Dilution Factor: 1		Analysis Time..: 20:03	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8214052	MDL.....: 0.17	
Iron	11200 B	12.1	mg/kg	SW846 6010B	08/01-08/12/08	KR7VP1A0
		Dilution Factor: 1		Analysis Time..: 20:03	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8214052	MDL.....: 3.6	
Potassium	570 B J	607	mg/kg	SW846 6010B	08/01-08/12/08	KR7VP1A1
		Dilution Factor: 1		Analysis Time..: 20:03	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8214052	MDL.....: 60.7	
Magnesium	2640	607	mg/kg	SW846 6010B	08/01-08/12/08	KR7VP1A2
		Dilution Factor: 1		Analysis Time..: 20:03	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8214052	MDL.....: 1.6	
Manganese	178 B	1.8	mg/kg	SW846 6010B	08/01-08/12/08	KR7VP1A3
		Dilution Factor: 1		Analysis Time..: 20:03	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8214052	MDL.....: 0.033	
Sodium	287 B J	607	mg/kg	SW846 6010B	08/01-08/12/08	KR7VP1A4
		Dilution Factor: 1		Analysis Time..: 20:03	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8214052	MDL.....: 16.9	
Nickel	7.8	4.9	mg/kg	SW846 6010B	08/01-08/12/08	KR7VP1A5
		Dilution Factor: 1		Analysis Time..: 20:03	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8214052	MDL.....: 0.13	
Lead	33.9	0.36	mg/kg	SW846 6010B	08/01-08/12/08	KR7VP1A6
		Dilution Factor: 1		Analysis Time..: 20:03	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8214052	MDL.....: 0.19	
Selenium	ND	0.61	mg/kg	SW846 6010B	08/01-08/12/08	KR7VP1AA
		Dilution Factor: 1		Analysis Time..: 20:03	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8214052	MDL.....: 0.35	
Thallium	ND	1.2	mg/kg	SW846 6010B	08/01-08/12/08	KR7VP1AC
		Dilution Factor: 1		Analysis Time..: 20:03	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8214052	MDL.....: 0.39	

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ENSR International

Client Sample ID: SB46(8-10)

TOTAL Metals

Lot-Sample #...: C8G260118-002 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	ND	1.2	mg/kg	SW846 6010B	08/01-08/12/08	KR7VP1AD
		Dilution Factor: 1		Analysis Time..: 20:03	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8214052	MDL.....: 0.11	
Vanadium	**11.5**	**6.1**	**mg/kg**	**SW846 6010B**	**08/01-08/12/08**	**KR7VP1AE**
		Dilution Factor: 1		Analysis Time..: 20:03	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8214052	MDL.....: 0.31	
Zinc	**34.9**	**2.4**	**mg/kg**	**SW846 6010B**	**08/01-08/12/08**	**KR7VP1AF**
		Dilution Factor: 1		Analysis Time..: 20:03	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8214052	MDL.....: 0.42	
Prep Batch #...: 8225015						
Mercury	**0.099**	**0.040**	**mg/kg**	**SW846 7471A**	**08/12/08**	**KR7VP1AG**
		Dilution Factor: 1		Analysis Time..: 07:27	Analyst ID.....: 031043	
		Instrument ID..: HGHYDRA		MS Run #.....: 8225004	MDL.....: 0.0086	

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.

ENSR International

Client Sample ID: SB46(74-76)

GC/MS Volatiles

Lot-Sample #...:	C8H080154-001	**Work Order #...:**	KTTRF1AC	**Matrix.....:**	SO
Date Sampled...:	07/31/08	**Date Received..:**	08/07/08	**MS Run #.....:**	8224023
Prep Date.....:	08/11/08	**Analysis Date..:**	08/11/08		
Prep Batch #...:	8224043	**Analysis Time..:**	06:44		
Dilution Factor:	1	**Initial Wgt/Vol:**	5 g	**Final Wgt/Vol..:**	5 mL
% Moisture.....:	12	**Analyst ID.....:**	010099	**Instrument ID..:**	HP3
		Method.....:	SW846 8260B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND 23 uJ	23	ug/kg	5.7
Benzene	ND	5.7	ug/kg	0.77
Bromodichloromethane	ND	5.7	ug/kg	0.64
Bromoform	ND	5.7	ug/kg	0.50
Bromomethane	ND	5.7	ug/kg	0.84
2-Butanone	ND	5.7	ug/kg	1.0
Carbon disulfide	ND 5.7 uJ	5.7	ug/kg	0.58
Carbon tetrachloride	ND	5.7	ug/kg	0.51
Chlorobenzene	ND	5.7	ug/kg	0.86
Chloroethane	ND	5.7	ug/kg	1.8
Chloroform	ND	5.7	ug/kg	0.67
Chloromethane	ND	5.7	ug/kg	0.97
Cyclohexane	ND	5.7	ug/kg	0.42
Dibromochloromethane	ND	5.7	ug/kg	0.81
1,2-Dibromo-3-chloro-propane	ND	5.7	ug/kg	0.85
1,2-Dibromoethane	ND	5.7	ug/kg	0.98
1,3-Dichlorobenzene	ND	5.7	ug/kg	0.75
1,4-Dichlorobenzene	ND	5.7	ug/kg	0.72
1,2-Dichlorobenzene	ND	5.7	ug/kg	0.91
Dichlorodifluoromethane	ND 5.7 uJ	5.7	ug/kg	0.76
1,1-Dichloroethane	ND	5.7	ug/kg	0.65
1,2-Dichloroethane	ND	5.7	ug/kg	0.70
1,1-Dichloroethene	ND	5.7	ug/kg	0.96
cis-1,2-Dichloroethene	ND	5.7	ug/kg	0.80
trans-1,2-Dichloroethene	ND	5.7	ug/kg	0.68
1,2-Dichloropropane	ND	5.7	ug/kg	0.62
cis-1,3-Dichloropropene	ND	5.7	ug/kg	0.77
trans-1,3-Dichloropropene	ND	5.7	ug/kg	0.68
Ethylbenzene	ND	5.7	ug/kg	0.73
2-Hexanone	ND	5.7	ug/kg	0.79
Isopropylbenzene	ND	5.7	ug/kg	0.77
Methyl acetate	ND	5.7	ug/kg	1.0
Methylene chloride	ND	5.7	ug/kg	0.76
Methylcyclohexane	ND	5.7	ug/kg	0.82
4-Methyl-2-pentanone	ND	5.7	ug/kg	0.74
Methyl tert-butyl ether	ND	5.7	ug/kg	0.85

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ENSR International

Client Sample ID: SB46(74-76)

GC/MS Volatiles

Lot-Sample #...: C8H080154-001 Work Order #...: KTTRF1AC Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Styrene	ND	5.7	ug/kg	0.60
1,1,2,2-Tetrachloroethane	ND	5.7	ug/kg	0.82
1,2,4-Trichloro-benzene	ND	5.7	ug/kg	1.0
Tetrachloroethene	ND	5.7	ug/kg	0.77
1,1,1-Trichloroethane	ND	5.7	ug/kg	0.55
1,1,2-Trichloroethane	ND	5.7	ug/kg	0.95
Trichloroethene	ND	5.7	ug/kg	0.75
Trichlorofluoromethane	ND	5.7	ug/kg	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	5.7	ug/kg	1.2
Vinyl chloride	ND	5.7	ug/kg	0.53
Xylenes (total)	ND	17	ug/kg	2.5
Toluene	ND	5.7	ug/kg	0.83

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	93	(52 - 124)
Toluene-d8	86	(72 - 127)
4-Bromofluorobenzene	88	(63 - 120)
Dibromofluoromethane	94	(68 - 121)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

ENSR International

Client Sample ID: SB46(74-76)

GC/MS Semivolatiles

Lot-Sample #...:	C8H080154-001	**Work Order #...:**	KTTRF1AD	**Matrix.....:**	SO
Date Sampled...:	07/31/08 14:00	**Date Received..:**	08/07/08 09:15	**MS Run #.....:**	8225006
Prep Date.....:	08/12/08	**Analysis Date..:**	08/13/08		
Prep Batch #...:	8225018	**Analysis Time..:**	08:02		
Dilution Factor:	1	**Initial Wgt/Vol:**	15 g	**Final Wgt/Vol..:**	5 mL
% Moisture.....:	12	**Analyst ID.....:**	003200	**Instrument ID..:**	733
		Method.....:	SW846 8270C		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	380	ug/kg	20
Acenaphthylene	ND	380	ug/kg	22
Acetophenone	ND	380	ug/kg	23
Anthracene	ND	380	ug/kg	21
Atrazine	ND	380	ug/kg	26
Benzo(a)anthracene	ND	380	ug/kg	15
Benzo(a)pyrene	ND	380	ug/kg	12
Benzo(b)fluoranthene	ND	380	ug/kg	15
Benzo(ghi)perylene	ND	380	ug/kg	13
Benzo(k)fluoranthene	ND	380	ug/kg	12
Benzaldehyde	ND 380 U J	380	ug/kg	40
1,1'-Biphenyl	ND	380	ug/kg	21
bis(2-Chloroethoxy) methane	ND	380	ug/kg	18
bis(2-Chloroethyl)-ether	ND	380	ug/kg	8.5
bis(2-Ethylhexyl) phthalate	ND	380	ug/kg	29
4-Bromophenyl phenyl ether	ND	380	ug/kg	17
Butyl benzyl phthalate	ND	380	ug/kg	30
Caprolactam	ND	380	ug/kg	71
Carbazole	ND	380	ug/kg	15
4-Chloroaniline	ND	380	ug/kg	32
4-Chloro-3-methylphenol	ND	380	ug/kg	23
2-Chloronaphthalene	ND	380	ug/kg	22
2-Chlorophenol	ND	380	ug/kg	19
4-Chlorophenyl phenyl ether	ND	380	ug/kg	19
Chrysene	ND	380	ug/kg	15
Dibenz(a,h)anthracene	ND	380	ug/kg	24
Dibenzofuran	ND	380	ug/kg	21
3,3'-Dichlorobenzidine	ND	1800	ug/kg	85
2,4-Dichlorophenol	ND	380	ug/kg	11
Diethyl phthalate	ND	380	ug/kg	34
2,4-Dimethylphenol	ND	380	ug/kg	16
Dimethyl phthalate	ND	380	ug/kg	21

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ENSR International

Client Sample ID: SB46(74-76)

GC/MS Semivolatiles

Lot-Sample #...: C8H080154-001 **Work Order #...:** KTTRF1AD **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-butyl phthalate	ND	380	ug/kg	63
4,6-Dinitro-2-methylphenol	ND	1800	ug/kg	270
2,4-Dinitrophenol	ND	1800	ug/kg	450
2,4-Dinitrotoluene	ND	380	ug/kg	19
2,6-Dinitrotoluene	ND	380	ug/kg	24
Di-n-octyl phthalate	ND	380	ug/kg	26
Fluoranthene	ND	380	ug/kg	24
Fluorene	ND	380	ug/kg	18
Hexachlorobenzene	ND	380	ug/kg	23
Hexachlorobutadiene	ND	380	ug/kg	23
Hexachlorocyclopentadiene	ND	1800	ug/kg	17
Hexachloroethane	ND	380	ug/kg	17
Indeno(1,2,3-cd)pyrene	ND	380	ug/kg	13
Isophorone	ND	380	ug/kg	21
2-Methylnaphthalene	ND	380	ug/kg	21
2-Methylphenol	ND	380	ug/kg	24
4-Methylphenol	ND	380	ug/kg	24
Naphthalene	ND	380	ug/kg	18
2-Nitroaniline	ND	1800	ug/kg	23
3-Nitroaniline	ND	1800	ug/kg	32
4-Nitroaniline	ND	1800	ug/kg	16
Nitrobenzene	ND	380	ug/kg	9.4
2-Nitrophenol	ND	380	ug/kg	30
4-Nitrophenol	ND	1800	ug/kg	29
N-Nitrosodi-n-propylamine	ND	380	ug/kg	9.2
N-Nitrosodiphenylamine	ND	380	ug/kg	20
2,2'-oxybis(1-Chloropropane)	ND	380	ug/kg	23
Pentachlorophenol	ND	1800	ug/kg	28
Phenanthrene	ND	380	ug/kg	18
Phenol	ND	380	ug/kg	23
Pyrene	ND	380	ug/kg	23
2,4,5-Trichlorophenol	ND	380	ug/kg	31
2,4,6-Trichlorophenol	ND	380	ug/kg	30

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ENSR International

Client Sample ID: SB46(74-76)

GC/MS Semivolatiles

Lot-Sample #...: C8H080154-001 Work Order #...: KTTRF1AD Matrix.....: SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	86	(10 - 117)
2-Fluorobiphenyl	83	(20 - 109)
2-Fluorophenol	78	(10 - 113)
Nitrobenzene-d5	83	(18 - 106)
Phenol-d5	80	(18 - 113)
Terphenyl-d14	104	(10 - 138)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

ENSR International

Client Sample ID: SB46(74-76)

TOTAL Metals

Lot-Sample #...: C8H080154-001 Matrix.....: SO
Date Sampled...: 07/31/08 Date Received..: 08/07/08
% Moisture.....: 12

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8225044						
Mercury	0.0091 B J	0.038	mg/kg	SW846 7471A	08/12/08	KTTRF1A5
		Dilution Factor: 1		Analysis Time..: 11:45	Analyst ID.....: 401509	
		Instrument ID..: HGHYDRA		MS Run #.....: 8225025	MDL.....: 0.0081	
Prep Batch #...: 8233156						
Silver	~~0.11 B~~ 0.57U	0.57	mg/kg	SW846 6010B	08/20-08/25/08	KTTRF1AE
		Dilution Factor: 1		Analysis Time..: 18:13	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8233113	MDL.....: 0.042	
Aluminum	3380	22.7	mg/kg	SW846 6010B	08/20-08/25/08	KTTRF1AF
		Dilution Factor: 1		Analysis Time..: 18:13	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8233113	MDL.....: 1.6	
Arsenic	6.3	1.1	mg/kg	SW846 6010B	08/20-08/25/08	KTTRF1AG
		Dilution Factor: 1		Analysis Time..: 18:13	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8233113	MDL.....: 0.26	
Barium	34.5	22.7	mg/kg	SW846 6010B	08/20-08/25/08	KTTRF1AH
		Dilution Factor: 1		Analysis Time..: 18:13	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8233113	MDL.....: 0.041	
Beryllium	~~0.28 B~~ 0.45U	0.45	mg/kg	SW846 6010B	08/20-08/25/08	KTTRF1AJ
		Dilution Factor: 1		Analysis Time..: 18:13	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8233113	MDL.....: 0.035	
Calcium	61200	569	mg/kg	SW846 6010B	08/20-08/25/08	KTTRF1AK
		Dilution Factor: 1		Analysis Time..: 18:13	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8233113	MDL.....: 28.6	
Cadmium	0.065 B J	0.57	mg/kg	SW846 6010B	08/20-08/25/08	KTTRF1AL
		Dilution Factor: 1		Analysis Time..: 18:13	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8233113	MDL.....: 0.053	
Cobalt	~~3.1 B~~ 5.7U	5.7	mg/kg	SW846 6010B	08/20-08/25/08	KTTRF1AM
		Dilution Factor: 1		Analysis Time..: 18:13	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8233113	MDL.....: 0.049	

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ENSR International

Client Sample ID: SB46(74-76)

TOTAL Metals

Lot-Sample #...: C8H080154-001 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium	7.3	0.57	mg/kg	SW846 6010B	08/20-08/25/08	KTTRF1AN
		Dilution Factor: 1		Analysis Time..: 18:13	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8233113	MDL.....: 0.093	
Copper	8.2	2.8	mg/kg	SW846 6010B	08/20-08/25/08	KTTRF1AP
		Dilution Factor: 1		Analysis Time..: 18:13	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8233113	MDL.....: 0.16	
Iron	9780	11.4	mg/kg	SW846 6010B	08/20-08/25/08	KTTRF1AQ
		Dilution Factor: 1		Analysis Time..: 18:13	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8233113	MDL.....: 3.4	
Potassium	512 B J	569	mg/kg	SW846 6010B	08/20-08/25/08	KTTRF1AR
		Dilution Factor: 1		Analysis Time..: 18:13	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8233113	MDL.....: 56.9	
Magnesium	4120	569	mg/kg	SW846 6010B	08/20-08/25/08	KTTRF1AT
		Dilution Factor: 1		Analysis Time..: 18:13	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8233113	MDL.....: 1.5	
Manganese	344 J	1.7	mg/kg	SW846 6010B	08/20-08/25/08	KTTRF1AU
		Dilution Factor: 1		Analysis Time..: 18:13	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8233113	MDL.....: 0.030	
Sodium	40.4 B J	569	mg/kg	SW846 6010B	08/20-08/25/08	KTTRF1AV
		Dilution Factor: 1		Analysis Time..: 18:13	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8233113	MDL.....: 15.9	
Nickel	8.7	4.5	mg/kg	SW846 6010B	08/20-08/25/08	KTTRF1AW
		Dilution Factor: 1		Analysis Time..: 18:13	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8233113	MDL.....: 0.12	
Lead	3.6	0.34	mg/kg	SW846 6010B	08/20-08/25/08	KTTRF1AX
		Dilution Factor: 1		Analysis Time..: 18:13	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8233113	MDL.....: 0.18	
Selenium	ND UJ	0.57	mg/kg	SW846 6010B	08/20-08/25/08	KTTRF1A0
		Dilution Factor: 1		Analysis Time..: 18:13	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8233113	MDL.....: 0.33	

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ENSR International

Client Sample ID: SB46(74-76)

TOTAL Metals

Lot-Sample #...: C8H080154-001 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Thallium	ND	1.1	mg/kg	SW846 6010B	08/20-08/25/08	KTTRF1A1
		Dilution Factor: 1		Analysis Time..: 18:13	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8233113	MDL.....: 0.36	
Antimony	ND	1.1	mg/kg	SW846 6010B	08/20-08/25/08	KTTRF1A2
		Dilution Factor: 1		Analysis Time..: 18:13	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8233113	MDL.....: 0.10	
Vanadium	**9.8**	**5.7**	**mg/kg**	**SW846 6010B**	**08/20-08/25/08**	**KTTRF1A3**
		Dilution Factor: 1		Analysis Time..: 18:13	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8233113	MDL.....: 0.29	
Zinc	**27.9**	**2.3**	**mg/kg**	**SW846 6010B**	**08/20-08/25/08**	**KTTRF1A4**
		Dilution Factor: 1		Analysis Time..: 18:13	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8233113	MDL.....: 0.39	

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.

ENSR International

Client Sample ID: SB47(18-20.5)

GC/MS Volatiles

Lot-Sample #...:	C8K070273-001	**Work Order #...:**	K2HCH1AC	**Matrix.....:**	SO
Date Sampled...:	11/04/08	**Date Received..:**	11/07/08	**MS Run #.....:**	8316224
Prep Date.....:	11/12/08	**Analysis Date..:**	11/12/08		
Prep Batch #...:	8317546	**Analysis Time..:**	18:32		
Dilution Factor:	1	**Initial Wgt/Vol:**	5 g	**Final Wgt/Vol..:**	5 mL
% Moisture.....:	24	**Analyst ID.....:**	034635	**Instrument ID..:**	HP3
		Method.....:	SW846 8260B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND 1300 U J	1300	ug/kg	330
Benzene	**600**	**330**	**ug/kg**	**65**
Bromodichloromethane	ND	330	ug/kg	61
Bromoform	ND	330	ug/kg	70
Bromomethane	ND	330	ug/kg	100
2-Butanone	ND	330	ug/kg	71
Carbon disulfide	ND	330	ug/kg	70
Carbon tetrachloride	ND	330	ug/kg	71
Chlorobenzene	ND	330	ug/kg	34
Chloroethane	ND	330	ug/kg	49
Chloroform	ND	330	ug/kg	66
Chloromethane	ND	330	ug/kg	91
Cyclohexane	ND	330	ug/kg	39
Dibromochloromethane	ND	330	ug/kg	42
1,2-Dibromo-3-chloro-propane	ND	330	ug/kg	23
1,2-Dibromoethane	ND	330	ug/kg	40
1,3-Dichlorobenzene	ND	330	ug/kg	33
1,4-Dichlorobenzene	ND	330	ug/kg	34
1,2-Dichlorobenzene	ND	330	ug/kg	45
Dichlorodifluoromethane	ND	330	ug/kg	42
1,1-Dichloroethane	ND	330	ug/kg	66
1,2-Dichloroethane	ND	330	ug/kg	63
1,1-Dichloroethene	ND	330	ug/kg	70
cis-1,2-Dichloroethene	ND	330	ug/kg	43
trans-1,2-Dichloroethene	ND	330	ug/kg	49
1,2-Dichloropropane	ND	330	ug/kg	83
cis-1,3-Dichloropropene	ND	330	ug/kg	47
trans-1,3-Dichloropropene	ND	330	ug/kg	38
Ethylbenzene	**280 J**	**330**	**ug/kg**	**41**
2-Hexanone	ND	330	ug/kg	37
Isopropylbenzene	ND	330	ug/kg	35
Methyl acetate	ND	330	ug/kg	80
Methylene chloride	ND	330	ug/kg	71
Methylcyclohexane	ND	330	ug/kg	36
4-Methyl-2-pentanone	ND	330	ug/kg	39
Methyl tert-butyl ether	ND	330	ug/kg	67

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ENSR International

Client Sample ID: SB47(18-20.5)

GC/MS Volatiles

Lot-Sample #...: C8K070273-001 **Work Order #...:** K2HCH1AC **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Styrene	ND	330	ug/kg	42
1,1,2,2-Tetrachloroethane	ND	330	ug/kg	61
1,2,4-Trichloro-benzene	ND	330	ug/kg	25
Tetrachloroethene	ND	330	ug/kg	54
1,1,1-Trichloroethane	ND	330	ug/kg	67
1,1,2-Trichloroethane	ND	330	ug/kg	76
Trichloroethene	ND	330	ug/kg	52
Trichlorofluoromethane	ND	330	ug/kg	73
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	330	ug/kg	22
Vinyl chloride	ND	330	ug/kg	84
Xylenes (total)	**250 J**	**980**	**ug/kg**	**130**
Toluene	ND	330	ug/kg	55

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	97	(52 - 124)
Toluene-d8	107	(72 - 127)
4-Bromofluorobenzene	102	(63 - 120)
Dibromofluoromethane	100	(68 - 121)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

ENSR International

Client Sample ID: SB47(18-20.5)

GC/MS Semivolatiles

Lot-Sample #...:	C8K070273-001	**Work Order #...:**	K2HCH1AD	**Matrix.....:**	SO
Date Sampled...:	11/04/08 14:00	**Date Received..:**	11/07/08 09:45	**MS Run #.....:**	8319027
Prep Date.....:	11/14/08	**Analysis Date..:**	11/15/08		
Prep Batch #...:	8319030	**Analysis Time..:**	09:24		
Dilution Factor:	1	**Initial Wgt/Vol:**	15 g	**Final Wgt/Vol..:**	5 mL
% Moisture.....:	24	**Analyst ID.....:**	003200	**Instrument ID..:**	731
		Method.....:	SW846 8270C		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	**280**	**88**	**ug/kg**	**23**
Acenaphthylene	ND	88	ug/kg	25
Acetophenone	ND	430	ug/kg	26
Anthracene	**60 J**	**88**	**ug/kg**	**25**
Atrazine	ND	430	ug/kg	30
Benzo(a)anthracene	**51 J**	**88**	**ug/kg**	**17**
Benzo(a)pyrene	**34 J**	**88**	**ug/kg**	**13**
Benzo(b)fluoranthene	**49 J**	**88**	**ug/kg**	**17**
Benzo(ghi)perylene	ND	88	ug/kg	15
Benzo(k)fluoranthene	ND	88	ug/kg	14
Benzaldehyde	ND	430	ug/kg	46
1,1'-Biphenyl	**38 J**	**430**	**ug/kg**	**24**
bis(2-Chloroethoxy) methane	ND	430	ug/kg	20
bis(2-Chloroethyl)-ether	ND	88	ug/kg	9.8
bis(2-Ethylhexyl) phthalate	**430**	**430**	**ug/kg**	**33**
4-Bromophenyl phenyl ether	ND	430	ug/kg	19
Butyl benzyl phthalate	ND	430	ug/kg	35
Caprolactam	ND	2200	ug/kg	82
Carbazole	**110**	**88**	**ug/kg**	**18**
4-Chloroaniline	ND	430	ug/kg	37
4-Chloro-3-methylphenol	ND	430	ug/kg	26
2-Chloronaphthalene	ND	88	ug/kg	25
2-Chlorophenol	ND	430	ug/kg	22
4-Chlorophenyl phenyl ether	ND	430	ug/kg	21
Chrysene	**42 J**	**88**	**ug/kg**	**17**
Dibenz(a,h)anthracene	ND	88	ug/kg	28
Dibenzofuran	**100 J**	**430**	**ug/kg**	**24**
3,3'-Dichlorobenzidine	ND	430	ug/kg	97
2,4-Dichlorophenol	ND	88	ug/kg	13
Diethyl phthalate	ND	430	ug/kg	39
2,4-Dimethylphenol	ND	430	ug/kg	19
Dimethyl phthalate	ND	430	ug/kg	25

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ENSR International

Client Sample ID: SB47(18-20.5)

GC/MS Semivolatiles

Lot-Sample #...: C8K070273-001 Work Order #...: K2HCH1AD Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-butyl phthalate	ND	430	ug/kg	72
4,6-Dinitro-2-methylphenol	ND	2200	ug/kg	310
2,4-Dinitrophenol	ND	2200	ug/kg	510
2,4-Dinitrotoluene	ND	430	ug/kg	22
2,6-Dinitrotoluene	ND	430	ug/kg	28
Di-n-octyl phthalate	ND	430	ug/kg	30
Fluoranthene	**82 J**	**88**	**ug/kg**	**28**
Fluorene	**150**	**88**	**ug/kg**	**21**
Hexachlorobenzene	ND	88	ug/kg	26
Hexachlorobutadiene	ND	88	ug/kg	27
Hexachlorocyclopentadiene	ND 430 U	430	ug/kg	20
Hexachloroethane	ND	430	ug/kg	19
Indeno(1,2,3-cd)pyrene	**16 J**	**88**	**ug/kg**	**15**
Isophorone	ND	430	ug/kg	24
2-Methylnaphthalene	**630**	**88**	**ug/kg**	**24**
2-Methylphenol	ND	430	ug/kg	27
4-Methylphenol	ND	430	ug/kg	27
Naphthalene	**3100**	**88**	**ug/kg**	**21**
2-Nitroaniline	ND	2200	ug/kg	26
3-Nitroaniline	ND	2200	ug/kg	37
4-Nitroaniline	ND	2200	ug/kg	18
Nitrobenzene	ND	88	ug/kg	11
2-Nitrophenol	ND	430	ug/kg	34
4-Nitrophenol	ND	2200	ug/kg	34
N-Nitrosodi-n-propylamine	ND	88	ug/kg	11
N-Nitrosodiphenylamine	ND	88	ug/kg	23
2,2'-oxybis(1-Chloropropane)	ND	88	ug/kg	26
Pentachlorophenol	ND	430	ug/kg	32
Phenanthrene	**170**	**88**	**ug/kg**	**21**
Phenol	ND	88	ug/kg	26
Pyrene	**72 J**	**88**	**ug/kg**	**27**
2,4,5-Trichlorophenol	ND	430	ug/kg	36
2,4,6-Trichlorophenol	ND	430	ug/kg	35

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ENSR International

Client Sample ID: SB47(18-20.5)

GC/MS Semivolatiles

Lot-Sample #...: C8K070273-001 **Work Order #...:** K2HCH1AD **Matrix.....:** SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	79	(50 - 124)
2-Fluorobiphenyl	79	(49 - 105)
2-Fluorophenol	78	(39 - 103)
Nitrobenzene-d5	81	(25 - 104)
Phenol-d5	78	(25 - 105)
Terphenyl-d14	76	(25 - 127)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

AECOM, Inc

Client Sample ID: SB47(18-20.5)

TOTAL Metals

Lot-Sample #...: C8K070273-001 Matrix.....: SO
Date Sampled...: 11/04/08 Date Received..: 11/07/08
% Moisture.....: 24

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8316052						
Mercury	0.014 ~~B~~ J	0.043	mg/kg	SW846 7471A	11/11/08	K2HCH1A5
		Dilution Factor: 1		Analysis Time..: 13:30	Analyst ID.....: 401509	
		Instrument ID..: HGHYDRA		MS Run #.....: 8316035	MDL.....: 0.0033	
Prep Batch #...: 8318216						
Silver	ND	0.65	mg/kg	SW846 6010B	11/13-11/23/08	K2HCH1AE
		Dilution Factor: 1		Analysis Time..: 14:59	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8318107	MDL.....: 0.086	
Aluminum	4880	26.2	mg/kg	SW846 6010B	11/13-11/23/08	K2HCH1AF
		Dilution Factor: 1		Analysis Time..: 14:59	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8318107	MDL.....: 3.1	
Arsenic	2.5	1.3	mg/kg	SW846 6010B	11/13-11/23/08	K2HCH1AG
		Dilution Factor: 1		Analysis Time..: 14:59	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8318107	MDL.....: 0.38	
Barium	25.9 ~~B~~ J	26.2	mg/kg	SW846 6010B	11/13-11/23/08	K2HCH1AH
		Dilution Factor: 1		Analysis Time..: 14:59	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8318107	MDL.....: 0.10	
Beryllium	~~0.41 B~~ 0.52 U	0.52	mg/kg	SW846 6010B	11/13-11/23/08	K2HCH1AJ
		Dilution Factor: 1		Analysis Time..: 14:59	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8318107	MDL.....: 0.020	
Calcium	14500 J	654	mg/kg	SW846 6010B	11/13-11/23/08	K2HCH1AK
		Dilution Factor: 1		Analysis Time..: 14:59	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8318107	MDL.....: 2.2	
Cadmium	ND	0.65	mg/kg	SW846 6010B	11/13-11/23/08	K2HCH1AL
		Dilution Factor: 1		Analysis Time..: 14:59	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8318107	MDL.....: 0.027	
Cobalt	5.3 ~~B~~ J	6.5	mg/kg	SW846 6010B	11/13-11/23/08	K2HCH1AM
		Dilution Factor: 1		Analysis Time..: 14:59	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8318107	MDL.....: 0.11	

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AECOM, Inc

Client Sample ID: SB47(18-20.5)

TOTAL Metals

Lot-Sample #...: C8K070273-001 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium	7.6 J	0.65	mg/kg	SW846 6010B	11/13-11/23/08	K2HCH1AN
		Dilution Factor: 1		Analysis Time..: 14:59	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8318107	MDL.....: 0.073	
Copper	9.8	3.3	mg/kg	SW846 6010B	11/13-11/23/08	K2HCH1AP
		Dilution Factor: 1		Analysis Time..: 14:59	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8318107	MDL.....: 0.35	
Iron	11100 J	13.1	mg/kg	SW846 6010B	11/13-11/23/08	K2HCH1AQ
		Dilution Factor: 1		Analysis Time..: 14:59	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8318107	MDL.....: 1.7	
Potassium	601 B J	654	mg/kg	SW846 6010B	11/13-11/23/08	K2HCH1AR
		Dilution Factor: 1		Analysis Time..: 14:59	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8318107	MDL.....: 98.1	
Magnesium	3750	654	mg/kg	SW846 6010B	11/13-11/23/08	K2HCH1AT
		Dilution Factor: 1		Analysis Time..: 14:59	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8318107	MDL.....: 2.7	
Manganese	254	2.0	mg/kg	SW846 6010B	11/13-11/23/08	K2HCH1AU
		Dilution Factor: 1		Analysis Time..: 14:59	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8318107	MDL.....: 0.080	
Sodium	182 B J	654	mg/kg	SW846 6010B	11/13-11/23/08	K2HCH1AV
		Dilution Factor: 1		Analysis Time..: 14:59	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8318107	MDL.....: 19.0	
Nickel	10.4 J	5.2	mg/kg	SW846 6010B	11/13-11/23/08	K2HCH1AW
		Dilution Factor: 1		Analysis Time..: 14:59	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8318107	MDL.....: 0.19	
Lead	4.3	0.39	mg/kg	SW846 6010B	11/13-11/23/08	K2HCH1AX
		Dilution Factor: 1		Analysis Time..: 14:59	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8318107	MDL.....: 0.21	
Selenium	ND	0.65	mg/kg	SW846 6010B	11/13-11/23/08	K2HCH1A0
		Dilution Factor: 1		Analysis Time..: 14:59	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8318107	MDL.....: 0.23	

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AECOM, Inc

Client Sample ID: SB47(18-20.5)

TOTAL Metals

Lot-Sample #...: C8K070273-001 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Thallium	ND	1.3	mg/kg	SW846 6010B	11/13-11/23/08	K2HCH1A1
	Dilution Factor: 1			Analysis Time..: 14:59	Analyst ID.....: 022952	
	Instrument ID..: TRACEICP			MS Run #.....: 8318107	MDL.....: 0.40	
Antimony	ND	1.3	mg/kg	SW846 6010B	11/13-11/23/08	K2HCH1A2
	Dilution Factor: 1			Analysis Time..: 14:59	Analyst ID.....: 022952	
	Instrument ID..: TRACEICP			MS Run #.....: 8318107	MDL.....: 0.28	
Vanadium	**12.6 J**	**6.5**	**mg/kg**	**SW846 6010B**	**11/13-11/23/08**	**K2HCH1A3**
	Dilution Factor: 1			Analysis Time..: 14:59	Analyst ID.....: 022952	
	Instrument ID..: TRACEICP			MS Run #.....: 8318107	MDL.....: 0.32	
Zinc	**30.9 J**	**2.6**	**mg/kg**	**SW846 6010B**	**11/13-11/23/08**	**K2HCH1A4**
	Dilution Factor: 1			Analysis Time..: 14:59	Analyst ID.....: 022952	
	Instrument ID..: TRACEICP			MS Run #.....: 8318107	MDL.....: 0.24	

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.

ENSR International

Client Sample ID: SB47(38-40)

GC/MS Volatiles

Lot-Sample #...:	C8K070273-002	**Work Order #...:**	K2HCQ1AK	**Matrix.....:**	SO
Date Sampled...:	11/04/08	**Date Received..:**	11/07/08	**MS Run #.....:**	8316224
Prep Date.....:	11/12/08	**Analysis Date..:**	11/12/08		
Prep Batch #...:	8317546	**Analysis Time..:**	15:41		
Dilution Factor:	1	**Initial Wgt/Vol:**	5 g	**Final Wgt/Vol..:**	5 mL
% Moisture.....:	20	**Analyst ID.....:**	034635	**Instrument ID..:**	HP3
		Method.....:	SW846 8260B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND 1200 UJ	1200	ug/kg	310
Benzene	**480**	**310**	**ug/kg**	**61**
Bromodichloromethane	ND	310	ug/kg	58
Bromoform	ND	310	ug/kg	66
Bromomethane	ND	310	ug/kg	98
2-Butanone	ND	310	ug/kg	67
Carbon disulfide	ND	310	ug/kg	67
Carbon tetrachloride	ND	310	ug/kg	67
Chlorobenzene	ND	310	ug/kg	33
Chloroethane	ND	310	ug/kg	46
Chloroform	ND	310	ug/kg	63
Chloromethane	ND	310	ug/kg	86
Cyclohexane	ND	310	ug/kg	37
Dibromochloromethane	ND	310	ug/kg	40
1,2-Dibromo-3-chloro-propane	ND	310	ug/kg	22
1,2-Dibromoethane	ND	310	ug/kg	38
1,3-Dichlorobenzene	ND	310	ug/kg	31
1,4-Dichlorobenzene	ND	310	ug/kg	33
1,2-Dichlorobenzene	ND	310	ug/kg	42
Dichlorodifluoromethane	ND	310	ug/kg	39
1,1-Dichloroethane	ND	310	ug/kg	63
1,2-Dichloroethane	ND	310	ug/kg	60
1,1-Dichloroethene	ND	310	ug/kg	66
cis-1,2-Dichloroethene	ND	310	ug/kg	41
trans-1,2-Dichloroethene	ND	310	ug/kg	47
1,2-Dichloropropane	ND	310	ug/kg	79
cis-1,3-Dichloropropene	ND	310	ug/kg	45
trans-1,3-Dichloropropene	ND	310	ug/kg	36
Ethylbenzene	**210 J**	**310**	**ug/kg**	**39**
2-Hexanone	ND	310	ug/kg	35
Isopropylbenzene	ND	310	ug/kg	33
Methyl acetate	ND	310	ug/kg	76
Methylene chloride	ND	310	ug/kg	68
Methylcyclohexane	ND	310	ug/kg	35
4-Methyl-2-pentanone	ND	310	ug/kg	37
Methyl tert-butyl ether	ND	310	ug/kg	64

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ENSR International

Client Sample ID: SB47(38-40)

GC/MS Volatiles

Lot-Sample #...: C8K070273-002 Work Order #...: K2HCQ1AK Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Styrene	ND	310	ug/kg	40
1,1,2,2-Tetrachloroethane	ND	310	ug/kg	58
1,2,4-Trichloro-benzene	ND	310	ug/kg	23
Tetrachloroethene	ND	310	ug/kg	51
1,1,1-Trichloroethane	ND	310	ug/kg	64
1,1,2-Trichloroethane	ND	310	ug/kg	72
Trichloroethene	ND	310	ug/kg	50
Trichlorofluoromethane	ND	310	ug/kg	70
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	310	ug/kg	21
Vinyl chloride	ND	310	ug/kg	80
Xylenes (total)	**210 J**	**930**	**ug/kg**	**120**
Toluene	ND	310	ug/kg	53

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	101	(52 - 124)
Toluene-d8	99	(72 - 127)
4-Bromofluorobenzene	100	(63 - 120)
Dibromofluoromethane	95	(68 - 121)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

ENSR International

Client Sample ID: SB47(38-40)

GC/MS Semivolatiles

Lot-Sample #...:	C8K070273-002	Work Order #...:	K2HCQ1AL	Matrix.....:	SO
Date Sampled...:	11/04/08 14:30	Date Received..:	11/07/08 09:45	MS Run #.....:	8319027
Prep Date.....:	11/14/08	Analysis Date..:	11/15/08		
Prep Batch #...:	8319030	Analysis Time..:	09:45		
Dilution Factor:	1	Initial Wgt/Vol:	15 g	Final Wgt/Vol..:	5 mL
% Moisture.....:	20	Analyst ID.....:	003200	Instrument ID..:	731
		Method.....:	SW846 8270C		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	**240**	**83**	**ug/kg**	**21**
Acenaphthylene	**43 J**	**83**	**ug/kg**	**24**
Acetophenone	ND	410	ug/kg	25
Anthracene	ND	83	ug/kg	23
Atrazine	ND	410	ug/kg	28
Benzo(a)anthracene	ND	83	ug/kg	16
Benzo(a)pyrene	ND	83	ug/kg	13
Benzo(b)fluoranthene	ND	83	ug/kg	16
Benzo(ghi)perylene	ND	83	ug/kg	14
Benzo(k)fluoranthene	ND	83	ug/kg	13
Benzaldehyde	ND	410	ug/kg	44
1,1'-Biphenyl	ND	410	ug/kg	23
bis(2-Chloroethoxy) methane	ND	410	ug/kg	19
bis(2-Chloroethyl)-ether	ND	83	ug/kg	9.3
bis(2-Ethylhexyl) phthalate	**97 J**	**410**	**ug/kg**	**32**
4-Bromophenyl phenyl ether	ND	410	ug/kg	18
Butyl benzyl phthalate	ND	410	ug/kg	33
Caprolactam	ND	2100	ug/kg	78
Carbazole	**130**	**83**	**ug/kg**	**17**
4-Chloroaniline	ND	410	ug/kg	35
4-Chloro-3-methylphenol	ND	410	ug/kg	25
2-Chloronaphthalene	ND	83	ug/kg	24
2-Chlorophenol	ND	410	ug/kg	21
4-Chlorophenyl phenyl ether	ND	410	ug/kg	20
Chrysene	ND	83	ug/kg	16
Dibenz(a,h)anthracene	ND	83	ug/kg	26
Dibenzofuran	**96 J**	**410**	**ug/kg**	**23**
3,3'-Dichlorobenzidine	ND	410	ug/kg	93
2,4-Dichlorophenol	ND	83	ug/kg	12
Diethyl phthalate	ND	410	ug/kg	37
2,4-Dimethylphenol	ND	410	ug/kg	18
Dimethyl phthalate	ND	410	ug/kg	23

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ENSR International

Client Sample ID: SB47(38-40)

GC/MS Semivolatiles

Lot-Sample #...: C8K070273-002 **Work Order #...:** K2HCQ1AL **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-butyl phthalate	ND	410	ug/kg	68
4,6-Dinitro-2-methylphenol	ND	2100	ug/kg	290
2,4-Dinitrophenol	ND	2100	ug/kg	490
2,4-Dinitrotoluene	ND	410	ug/kg	21
2,6-Dinitrotoluene	ND	410	ug/kg	27
Di-n-octyl phthalate	ND	410	ug/kg	29
Fluoranthene	ND	83	ug/kg	27
Fluorene	**140**	**83**	**ug/kg**	**20**
Hexachlorobenzene	ND	83	ug/kg	25
Hexachlorobutadiene	ND	83	ug/kg	25
Hexachlorocyclopentadiene	ND 410 U J	410	ug/kg	19
Hexachloroethane	ND	410	ug/kg	18
Indeno(1,2,3-cd)pyrene	ND	83	ug/kg	15
Isophorone	ND	410	ug/kg	23
2-Methylnaphthalene	ND	83	ug/kg	23
2-Methylphenol	ND	410	ug/kg	26
4-Methylphenol	ND	410	ug/kg	26
Naphthalene	**230**	**83**	**ug/kg**	**20**
2-Nitroaniline	ND	2100	ug/kg	25
3-Nitroaniline	ND	2100	ug/kg	35
4-Nitroaniline	ND	2100	ug/kg	17
Nitrobenzene	ND	83	ug/kg	10
2-Nitrophenol	ND	410	ug/kg	33
4-Nitrophenol	ND	2100	ug/kg	32
N-Nitrosodi-n-propylamine	ND	83	ug/kg	10
N-Nitrosodiphenylamine	ND	83	ug/kg	22
2,2'-oxybis (1-Chloropropane)	ND	83	ug/kg	25
Pentachlorophenol	ND	410	ug/kg	31
Phenanthrene	ND	83	ug/kg	20
Phenol	ND	83	ug/kg	25
Pyrene	ND	83	ug/kg	25
2,4,5-Trichlorophenol	ND	410	ug/kg	34
2,4,6-Trichlorophenol	ND	410	ug/kg	33

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ENSR International

Client Sample ID: SB47(38-40)

GC/MS Semivolatiles

Lot-Sample #...: C8K070273-002 Work Order #...: K2HCQ1AL Matrix.....: SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	78	(50 - 124)
2-Fluorobiphenyl	79	(49 - 105)
2-Fluorophenol	76	(39 - 103)
Nitrobenzene-d5	78	(25 - 104)
Phenol-d5	74	(25 - 105)
Terphenyl-d14	82	(25 - 127)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

AECOM, Inc

Client Sample ID: SB47(38-40)

TOTAL Metals

Lot-Sample #...: C8K070273-002 Matrix.....: SO
Date Sampled...: 11/04/08 Date Received..: 11/07/08
% Moisture.....: 20

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8316052						
Mercury	0.012 B J	0.041	mg/kg	SW846 7471A	11/11/08	K2HCQ1AG
		Dilution Factor: 1		Analysis Time..: 13:32	Analyst ID.....: 401509	
		Instrument ID..: HGHYDRA		MS Run #.....: 8316035	MDL.....: 0.0031	
Prep Batch #...: 8318216						
Silver	ND	0.62	mg/kg	SW846 6010B	11/13-11/23/08	K2HCQ1AM
		Dilution Factor: 1		Analysis Time..: 15:05	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8318107	MDL.....: 0.082	
Aluminum	4750	24.9	mg/kg	SW846 6010B	11/13-11/23/08	K2HCQ1AN
		Dilution Factor: 1		Analysis Time..: 15:05	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8318107	MDL.....: 3.0	
Arsenic	1.8	1.2	mg/kg	SW846 6010B	11/13-11/23/08	K2HCQ1AP
		Dilution Factor: 1		Analysis Time..: 15:05	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8318107	MDL.....: 0.36	
Barium	23.2 B J	24.9	mg/kg	SW846 6010B	11/13-11/23/08	K2HCQ1AQ
		Dilution Factor: 1		Analysis Time..: 15:05	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8318107	MDL.....: 0.098	
Beryllium	~~0.39 B~~ 0.50U	0.50	mg/kg	SW846 6010B	11/13-11/23/08	K2HCQ1AR
		Dilution Factor: 1		Analysis Time..: 15:05	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8318107	MDL.....: 0.019	
Calcium	12400 J	621	mg/kg	SW846 6010B	11/13-11/23/08	K2HCQ1AT
		Dilution Factor: 1		Analysis Time..: 15:05	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8318107	MDL.....: 2.1	
Cadmium	ND	0.62	mg/kg	SW846 6010B	11/13-11/23/08	K2HCQ1AU
		Dilution Factor: 1		Analysis Time..: 15:05	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8318107	MDL.....: 0.026	
Cobalt	4.9 B J	6.2	mg/kg	SW846 6010B	11/13-11/23/08	K2HCQ1AV
		Dilution Factor: 1		Analysis Time..: 15:05	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8318107	MDL.....: 0.10	

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AECOM, Inc

Client Sample ID: SB47(38-40)

TOTAL Metals

Lot-Sample #...: C8K070273-002 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium	7.8 J	0.62	mg/kg	SW846 6010B	11/13-11/23/08	K2HCQ1AW
	Dilution Factor: 1	Analysis Time..: 15:05		Analyst ID.....: 022952		
	Instrument ID..: TRACEICP	MS Run #.....: 8318107		MDL.....: 0.070		
Copper	9.1	3.1	mg/kg	SW846 6010B	11/13-11/23/08	K2HCQ1AX
	Dilution Factor: 1	Analysis Time..: 15:05		Analyst ID.....: 022952		
	Instrument ID..: TRACEICP	MS Run #.....: 8318107		MDL.....: 0.33		
Iron	13100 J	12.4	mg/kg	SW846 6010B	11/13-11/23/08	K2HCQ1A0
	Dilution Factor: 1	Analysis Time..: 15:05		Analyst ID.....: 022952		
	Instrument ID..: TRACEICP	MS Run #.....: 8318107		MDL.....: 1.6		
Potassium	670	621	mg/kg	SW846 6010B	11/13-11/23/08	K2HCQ1A1
	Dilution Factor: 1	Analysis Time..: 15:05		Analyst ID.....: 022952		
	Instrument ID..: TRACEICP	MS Run #.....: 8318107		MDL.....: 93.2		
Magnesium	4350	621	mg/kg	SW846 6010B	11/13-11/23/08	K2HCQ1A2
	Dilution Factor: 1	Analysis Time..: 15:05		Analyst ID.....: 022952		
	Instrument ID..: TRACEICP	MS Run #.....: 8318107		MDL.....: 2.6		
Manganese	168	1.9	mg/kg	SW846 6010B	11/13-11/23/08	K2HCQ1A3
	Dilution Factor: 1	Analysis Time..: 15:05		Analyst ID.....: 022952		
	Instrument ID..: TRACEICP	MS Run #.....: 8318107		MDL.....: 0.076		
Sodium	107 B J	621	mg/kg	SW846 6010B	11/13-11/23/08	K2HCQ1A4
	Dilution Factor: 1	Analysis Time..: 15:05		Analyst ID.....: 022952		
	Instrument ID..: TRACEICP	MS Run #.....: 8318107		MDL.....: 18.0		
Nickel	10.8 J	5.0	mg/kg	SW846 6010B	11/13-11/23/08	K2HCQ1A5
	Dilution Factor: 1	Analysis Time..: 15:05		Analyst ID.....: 022952		
	Instrument ID..: TRACEICP	MS Run #.....: 8318107		MDL.....: 0.18		
Lead	4.5	0.37	mg/kg	SW846 6010B	11/13-11/23/08	K2HCQ1A6
	Dilution Factor: 1	Analysis Time..: 15:05		Analyst ID.....: 022952		
	Instrument ID..: TRACEICP	MS Run #.....: 8318107		MDL.....: 0.20		
Selenium	ND	0.62	mg/kg	SW846 6010B	11/13-11/23/08	K2HCQ1AA
	Dilution Factor: 1	Analysis Time..: 15:05		Analyst ID.....: 022952		
	Instrument ID..: TRACEICP	MS Run #.....: 8318107		MDL.....: 0.22		

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AECOM, Inc

Client Sample ID: SB47(38-40)

TOTAL Metals

Lot-Sample #...: C8K070273-002 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Thallium	ND	1.2	mg/kg	SW846 6010B	11/13-11/23/08	K2HCQ1AC
	Dilution Factor: 1			Analysis Time..: 15:05	Analyst ID.....: 022952	
	Instrument ID..: TRACEICP			MS Run #.....: 8318107	MDL.....: 0.38	
Antimony	ND	1.2	mg/kg	SW846 6010B	11/13-11/23/08	K2HCQ1AD
	Dilution Factor: 1			Analysis Time..: 15:05	Analyst ID.....: 022952	
	Instrument ID..: TRACEICP			MS Run #.....: 8318107	MDL.....: 0.26	
Vanadium	**13.8 J**	**6.2**	**mg/kg**	**SW846 6010B**	**11/13-11/23/08**	**K2HCQ1AE**
	Dilution Factor: 1			Analysis Time..: 15:05	Analyst ID.....: 022952	
	Instrument ID..: TRACEICP			MS Run #.....: 8318107	MDL.....: 0.30	
Zinc	**33.3 J**	**2.5**	**mg/kg**	**SW846 6010B**	**11/13-11/23/08**	**K2HCQ1AF**
	Dilution Factor: 1			Analysis Time..: 15:05	Analyst ID.....: 022952	
	Instrument ID..: TRACEICP			MS Run #.....: 8318107	MDL.....: 0.23	

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.

ENSR International

Client Sample ID: SB49(8-10)

GC/MS Volatiles

Lot-Sample #...:	C8H080154-002	**Work Order #...:**	KTTRR1AK	**Matrix.....:**	SO
Date Sampled...:	08/01/08	**Date Received..:**	08/07/08	**MS Run #.....:**	8224023
Prep Date.....:	08/11/08	**Analysis Date..:**	08/11/08		
Prep Batch #...:	8224043	**Analysis Time..:**	08:47		
Dilution Factor:	1	**Initial Wgt/Vol:**	5 g	**Final Wgt/Vol..:**	5 mL
% Moisture.....:	34	**Analyst ID.....:**	010099	**Instrument ID..:**	HP3
		Method.....:	SW846 8260B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	~~19 J~~ 30 U	**30**	**ug/kg**	**7.5**
Benzene	ND	7.5	ug/kg	1.0
Bromodichloromethane	ND	7.5	ug/kg	0.84
Bromoform	ND	7.5	ug/kg	0.67
Bromomethane	ND	7.5	ug/kg	1.1
2-Butanone	ND	7.5	ug/kg	1.3
Carbon disulfide	ND 7.5 U J	7.5	ug/kg	0.77
Carbon tetrachloride	ND	7.5	ug/kg	0.67
Chlorobenzene	ND	7.5	ug/kg	1.1
Chloroethane	ND	7.5	ug/kg	2.3
Chloroform	ND	7.5	ug/kg	0.88
Chloromethane	ND	7.5	ug/kg	1.3
Cyclohexane	ND	7.5	ug/kg	0.56
Dibromochloromethane	ND	7.5	ug/kg	1.1
1,2-Dibromo-3-chloro-propane	ND	7.5	ug/kg	1.1
1,2-Dibromoethane	ND	7.5	ug/kg	1.3
1,3-Dichlorobenzene	ND	7.5	ug/kg	0.99
1,4-Dichlorobenzene	ND	7.5	ug/kg	0.96
1,2-Dichlorobenzene	ND	7.5	ug/kg	1.2
Dichlorodifluoromethane	ND 7.5 U J	7.5	ug/kg	1.0
1,1-Dichloroethane	ND	7.5	ug/kg	0.87
1,2-Dichloroethane	ND	7.5	ug/kg	0.92
1,1-Dichloroethene	ND	7.5	ug/kg	1.3
cis-1,2-Dichloroethene	ND	7.5	ug/kg	1.1
trans-1,2-Dichloroethene	ND	7.5	ug/kg	0.90
1,2-Dichloropropane	ND	7.5	ug/kg	0.82
cis-1,3-Dichloropropene	ND	7.5	ug/kg	1.0
trans-1,3-Dichloropropene	ND	7.5	ug/kg	0.90
Ethylbenzene	ND	7.5	ug/kg	0.97
2-Hexanone	ND	7.5	ug/kg	1.0
Isopropylbenzene	ND	7.5	ug/kg	1.0
Methyl acetate	ND	7.5	ug/kg	1.4
Methylene chloride	ND	7.5	ug/kg	1.0
Methylcyclohexane	ND	7.5	ug/kg	1.1
4-Methyl-2-pentanone	ND	7.5	ug/kg	0.98
Methyl tert-butyl ether	ND	7.5	ug/kg	1.1

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ENSR International

Client Sample ID: SB49(8-10)

GC/MS Volatiles

Lot-Sample #...: C8H080154-002 Work Order #...: KTTRR1AK Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Styrene	ND	7.5	ug/kg	0.80
1,1,2,2-Tetrachloroethane	ND	7.5	ug/kg	1.1
1,2,4-Trichloro-benzene	ND	7.5	ug/kg	1.3
Tetrachloroethene	ND	7.5	ug/kg	1.0
1,1,1-Trichloroethane	ND	7.5	ug/kg	0.73
1,1,2-Trichloroethane	ND	7.5	ug/kg	1.3
Trichloroethene	ND	7.5	ug/kg	0.99
Trichlorofluoromethane	ND	7.5	ug/kg	1.4
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	7.5	ug/kg	1.6
Vinyl chloride	ND	7.5	ug/kg	0.71
Xylenes (total)	ND	23	ug/kg	3.4
Toluene	ND	7.5	ug/kg	1.1

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	100	(52 - 124)
Toluene-d8	93	(72 - 127)
4-Bromofluorobenzene	94	(63 - 120)
Dibromofluoromethane	97	(68 - 121)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

ENSR International

Client Sample ID: SB49(8-10)

GC/MS Semivolatiles

Lot-Sample #...:	C8H080154-002	Work Order #...:	KTTRR1AL	Matrix.....:	SO
Date Sampled...:	08/01/08 10:15	Date Received..:	08/07/08 09:15	MS Run #.....:	8225006
Prep Date.....:	08/12/08	Analysis Date..:	08/13/08		
Prep Batch #...:	8225018	Analysis Time..:	08:22		
Dilution Factor:	1	Initial Wgt/Vol:	15 g	Final Wgt/Vol..:	5 mL
% Moisture.....:	34	Analyst ID.....:	003200	Instrument ID..:	733
		Method.....:	SW846 8270C		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	**560**	**500**	**ug/kg**	**26**
Acenaphthylene	**320 J**	**500**	**ug/kg**	**29**
Acetophenone	ND	500	ug/kg	30
Anthracene	**630**	**500**	**ug/kg**	**28**
Atrazine	ND	500	ug/kg	34
Benzo(a)anthracene	**3000**	**500**	**ug/kg**	**20**
Benzo(a)pyrene	**1900**	**500**	**ug/kg**	**15**
Benzo(b)fluoranthene	**2700**	**500**	**ug/kg**	**19**
Benzo(ghi)perylene	**1100**	**500**	**ug/kg**	**17**
Benzo(k)fluoranthene	ND	500	ug/kg	16
Benzaldehyde	ND 500 UJ	500	ug/kg	53
1,1'-Biphenyl	**60 J**	**500**	**ug/kg**	**27**
bis(2-Chloroethoxy) methane	ND	500	ug/kg	23
bis(2-Chloroethyl)-ether	ND	500	ug/kg	11
bis(2-Ethylhexyl) phthalate	ND	500	ug/kg	38
4-Bromophenyl phenyl ether	ND	500	ug/kg	22
Butyl benzyl phthalate	ND	500	ug/kg	40
Caprolactam	ND	500	ug/kg	94
Carbazole	**140 J**	**500**	**ug/kg**	**20**
4-Chloroaniline	ND	500	ug/kg	43
4-Chloro-3-methylphenol	ND	500	ug/kg	30
2-Chloronaphthalene	ND	500	ug/kg	29
2-Chlorophenol	ND	500	ug/kg	25
4-Chlorophenyl phenyl ether	ND	500	ug/kg	25
Chrysene	**2100**	**500**	**ug/kg**	**20**
Dibenz(a,h)anthracene	**220 J**	**500**	**ug/kg**	**32**
Dibenzofuran	**210 J**	**500**	**ug/kg**	**28**
3,3'-Dichlorobenzidine	ND	2400	ug/kg	110
2,4-Dichlorophenol	ND	500	ug/kg	15
Diethyl phthalate	ND	500	ug/kg	45
2,4-Dimethylphenol	ND	500	ug/kg	21
Dimethyl phthalate	ND	500	ug/kg	28

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ENSR International

Client Sample ID: SB49(8-10)

GC/MS Semivolatiles

Lot-Sample #...: C8H080154-002 Work Order #...: KTTRR1AL Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-butyl phthalate	ND	500	ug/kg	83
4,6-Dinitro-2-methylphenol	ND	2400	ug/kg	350
2,4-Dinitrophenol	ND	2400	ug/kg	590
2,4-Dinitrotoluene	ND	500	ug/kg	26
2,6-Dinitrotoluene	ND	500	ug/kg	32
Di-n-octyl phthalate	ND	500	ug/kg	35
Fluoranthene	**15000**	**500**	**ug/kg**	**32**
Fluorene	**370 J**	**500**	**ug/kg**	**24**
Hexachlorobenzene	ND	500	ug/kg	30
Hexachlorobutadiene	ND	500	ug/kg	31
Hexachlorocyclopentadiene	ND	2400	ug/kg	23
Hexachloroethane	ND	500	ug/kg	22
Indeno(1,2,3-cd)pyrene	**1000**	**500**	**ug/kg**	**18**
Isophorone	ND	500	ug/kg	28
2-Methylnaphthalene	**77 J**	**500**	**ug/kg**	**28**
2-Methylphenol	ND	500	ug/kg	31
4-Methylphenol	ND	500	ug/kg	31
Naphthalene	**320 J**	**500**	**ug/kg**	**24**
2-Nitroaniline	ND	2400	ug/kg	30
3-Nitroaniline	ND	2400	ug/kg	43
4-Nitroaniline	ND	2400	ug/kg	21
Nitrobenzene	ND	500	ug/kg	12
2-Nitrophenol	ND	500	ug/kg	40
4-Nitrophenol	ND	2400	ug/kg	39
N-Nitrosodi-n-propylamine	ND	500	ug/kg	12
N-Nitrosodiphenylamine	ND	500	ug/kg	27
2,2'-oxybis(1-Chloropropane)	ND	500	ug/kg	30
Pentachlorophenol	ND	2400	ug/kg	37
Phenanthrene	**930**	**500**	**ug/kg**	**24**
Phenol	ND	500	ug/kg	30
Pyrene	**12000**	**500**	**ug/kg**	**31**
2,4,5-Trichlorophenol	ND	500	ug/kg	41
2,4,6-Trichlorophenol	ND	500	ug/kg	40

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ENSR International

Client Sample ID: SB49(8-10)

GC/MS Semivolatiles

Lot-Sample #...: C8H080154-002 Work Order #...: KTTRR1AL Matrix.....: SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	83	(10 - 117)
2-Fluorobiphenyl	76	(20 - 109)
2-Fluorophenol	66	(10 - 113)
Nitrobenzene-d5	72	(18 - 106)
Phenol-d5	71	(18 - 113)
Terphenyl-d14	88	(10 - 138)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

ENSR International

Client Sample ID: SB49(8-10)

TOTAL Metals

Lot-Sample #...: C8H080154-002 Matrix.....: SO
Date Sampled...: 08/01/08 Date Received..: 08/07/08
% Moisture.....: 34

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8225044						
Mercury	0.025 ~~B~~ J	0.050	mg/kg	SW846 7471A	08/12/08	KTTRR1AG
		Dilution Factor: 1		Analysis Time..: 11:50	Analyst ID.....: 401509	
		Instrument ID..: HGHYDRA		MS Run #.....: 8225025	MDL.....: 0.011	
Prep Batch #...: 8233156						
Silver	~~0.063 B~~ 0.75 U	0.75	mg/kg	SW846 6010B	08/20-08/25/08	KTTRR1AM
		Dilution Factor: 1		Analysis Time..: 18:46	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8233113	MDL.....: 0.056	
Aluminum	5890	30.1	mg/kg	SW846 6010B	08/20-08/25/08	KTTRR1AN
		Dilution Factor: 1		Analysis Time..: 18:46	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8233113	MDL.....: 2.1	
Arsenic	4.8	1.5	mg/kg	SW846 6010B	08/20-08/25/08	KTTRR1AP
		Dilution Factor: 1		Analysis Time..: 18:46	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8233113	MDL.....: 0.34	
Barium	42.3	30.1	mg/kg	SW846 6010B	08/20-08/25/08	KTTRR1AQ
		Dilution Factor: 1		Analysis Time..: 18:46	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8233113	MDL.....: 0.055	
Beryllium	~~0.44 B~~ 0.60 U	0.60	mg/kg	SW846 6010B	08/20-08/25/08	KTTRR1AR
		Dilution Factor: 1		Analysis Time..: 18:46	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8233113	MDL.....: 0.046	
Calcium	53200	753	mg/kg	SW846 6010B	08/20-08/25/08	KTTRR1AT
		Dilution Factor: 1		Analysis Time..: 18:46	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8233113	MDL.....: 37.8	
Cadmium	ND	0.75	mg/kg	SW846 6010B	08/20-08/25/08	KTTRR1AU
		Dilution Factor: 1		Analysis Time..: 18:46	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8233113	MDL.....: 0.071	
Cobalt	~~5.3 B~~ 7.5 U	7.5	mg/kg	SW846 6010B	08/20-08/25/08	KTTRR1AV
		Dilution Factor: 1		Analysis Time..: 18:46	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8233113	MDL.....: 0.065	

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ENSR International

Client Sample ID: SB49(8-10)

TOTAL Metals

Lot-Sample #...: C8H080154-002 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium	9.1	0.75	mg/kg	SW846 6010B	08/20-08/25/08	KTTRR1AW
		Dilution Factor: 1		Analysis Time..: 18:46	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8233113	MDL.....: 0.12	
Copper	12.1	3.8	mg/kg	SW846 6010B	08/20-08/25/08	KTTRR1AX
		Dilution Factor: 1		Analysis Time..: 18:46	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8233113	MDL.....: 0.21	
Iron	13700	15.1	mg/kg	SW846 6010B	08/20-08/25/08	KTTRR1A0
		Dilution Factor: 1		Analysis Time..: 18:46	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8233113	MDL.....: 4.5	
Potassium	823	753	mg/kg	SW846 6010B	08/20-08/25/08	KTTRR1A1
		Dilution Factor: 1		Analysis Time..: 18:46	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8233113	MDL.....: 75.3	
Magnesium	4000	753	mg/kg	SW846 6010B	08/20-08/25/08	KTTRR1A2
		Dilution Factor: 1		Analysis Time..: 18:46	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8233113	MDL.....: 2.0	
Manganese	283 J	2.3	mg/kg	SW846 6010B	08/20-08/25/08	KTTRR1A3
		Dilution Factor: 1		Analysis Time..: 18:46	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8233113	MDL.....: 0.040	
Sodium	824	753	mg/kg	SW846 6010B	08/20-08/25/08	KTTRR1A4
		Dilution Factor: 1		Analysis Time..: 18:46	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8233113	MDL.....: 21.0	
Nickel	10.7	6.0	mg/kg	SW846 6010B	08/20-08/25/08	KTTRR1A5
		Dilution Factor: 1		Analysis Time..: 18:46	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8233113	MDL.....: 0.16	
Lead	9.7	0.45	mg/kg	SW846 6010B	08/20-08/25/08	KTTRR1A6
		Dilution Factor: 1		Analysis Time..: 18:46	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8233113	MDL.....: 0.24	
Selenium	ND UJ	0.75	mg/kg	SW846 6010B	08/20-08/25/08	KTTRR1AA
		Dilution Factor: 1		Analysis Time..: 18:46	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8233113	MDL.....: 0.43	

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ENSR International

Client Sample ID: SB49(8-10)

TOTAL Metals

Lot-Sample #...: C8H080154-002 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Thallium	0.96 ~~B~~ J	1.5	mg/kg	SW846 6010B	08/20-08/25/08	KTTRR1AC
		Dilution Factor: 1		Analysis Time..: 18:46	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8233113	MDL.....: 0.48	
Antimony	~~0.18 B~~ 1.5U	1.5	mg/kg	SW846 6010B	08/20-08/25/08	KTTRR1AD
		Dilution Factor: 1		Analysis Time..: 18:46	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8233113	MDL.....: 0.14	
Vanadium	20.8	7.5	mg/kg	SW846 6010B	08/20-08/25/08	KTTRR1AE
		Dilution Factor: 1		Analysis Time..: 18:46	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8233113	MDL.....: 0.39	
Zinc	38.8	3.0	mg/kg	SW846 6010B	08/20-08/25/08	KTTRR1AF
		Dilution Factor: 1		Analysis Time..: 18:46	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8233113	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.

ENSR International

Client Sample ID: SB49(22-24)

GC/MS Volatiles

Lot-Sample #...:	C8H080154-003	**Work Order #...:**	KTTR11AK	**Matrix.....:**	SO
Date Sampled...:	08/01/08	**Date Received..:**	08/07/08	**MS Run #.....:**	8227039
Prep Date.....:	08/14/08	**Analysis Date..:**	08/14/08		
Prep Batch #...:	8227235	**Analysis Time..:**	10:14		
Dilution Factor:	1	**Initial Wgt/Vol:**	5 g	**Final Wgt/Vol..:**	5 mL
% Moisture.....:	33	**Analyst ID.....:**	001562	**Instrument ID..:**	HP5
		Method.....:	SW846 8260B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	1500	ug/kg	88
Benzene	**9800**	**370**	**ug/kg**	77
Bromodichloromethane	ND	370	ug/kg	72
Bromoform	ND	370	ug/kg	75
Bromomethane	ND	370	ug/kg	94
2-Butanone	ND	370	ug/kg	72
Carbon disulfide	ND	370	ug/kg	91
Carbon tetrachloride	ND	370	ug/kg	66
Chlorobenzene	ND	370	ug/kg	82
Chloroethane	ND	370	ug/kg	110
Chloroform	ND	370	ug/kg	78
Chloromethane	ND	370	ug/kg	82
Cyclohexane	ND	370	ug/kg	74
Dibromochloromethane	ND	370	ug/kg	69
1,2-Dibromo-3-chloro-propane	ND	370	ug/kg	62
1,2-Dibromoethane	ND	370	ug/kg	77
1,3-Dichlorobenzene	ND	370	ug/kg	78
1,4-Dichlorobenzene	ND	370	ug/kg	82
1,2-Dichlorobenzene	ND	370	ug/kg	82
Dichlorodifluoromethane	ND	370	ug/kg	95
1,1-Dichloroethane	ND	370	ug/kg	72
1,2-Dichloroethane	ND	370	ug/kg	81
1,1-Dichloroethene	ND	370	ug/kg	87
cis-1,2-Dichloroethene	ND	370	ug/kg	80
trans-1,2-Dichloroethene	ND	370	ug/kg	86
1,2-Dichloropropane	ND	370	ug/kg	82
cis-1,3-Dichloropropene	ND	370	ug/kg	67
trans-1,3-Dichloropropene	ND	370	ug/kg	65
Ethylbenzene	**490**	**370**	**ug/kg**	**88**
2-Hexanone	ND	370	ug/kg	59
Isopropylbenzene	ND	370	ug/kg	79
Methyl acetate	**110 J**	**370**	**ug/kg**	**79**
Methylene chloride	ND	370	ug/kg	57
Methylcyclohexane	ND	370	ug/kg	83
4-Methyl-2-pentanone	ND	370	ug/kg	64
Methyl tert-butyl ether	ND	370	ug/kg	69

(Continued on next page)

ENSR International

Client Sample ID: SB49(22-24)

GC/MS Volatiles

Lot-Sample #...: C8H080154-003 Work Order #...: KTTR11AK Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Styrene	ND	370	ug/kg	83
1,1,2,2-Tetrachloroethane	ND	370	ug/kg	84
1,2,4-Trichloro-benzene	ND	370	ug/kg	77
Tetrachloroethene	ND	370	ug/kg	96
1,1,1-Trichloroethane	ND	370	ug/kg	75
1,1,2-Trichloroethane	ND	370	ug/kg	79
Trichloroethene	ND	370	ug/kg	83
Trichlorofluoromethane	ND	370	ug/kg	120
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	370	ug/kg	91
Vinyl chloride	ND	370	ug/kg	83
Xylenes (total)	**660 J**	**1100**	**ug/kg**	**260**
Toluene	ND	370	ug/kg	59

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	110	(52 - 124)
Toluene-d8	95	(72 - 127)
4-Bromofluorobenzene	102	(63 - 120)
Dibromofluoromethane	106	(68 - 121)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

ENSR International

Client Sample ID: SB49(22-24)

GC/MS Semivolatiles

Lot-Sample #...:	C8H080154-003	Work Order #...:	KTTR11AL	Matrix.....:	SO
Date Sampled...:	08/01/08 13:00	Date Received..:	08/07/08 09:15	MS Run #.....:	8225006
Prep Date.....:	08/12/08	Analysis Date..:	08/13/08		
Prep Batch #...:	8225018	Analysis Time..:	08:42		
Dilution Factor:	0.99	Initial Wgt/Vol:	15.2 g	Final Wgt/Vol..:	5 mL
% Moisture.....:	33	Analyst ID.....:	003200	Instrument ID..:	733
		Method.....:	SW846 8270C		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	490	ug/kg	25
Acenaphthylene	ND	490	ug/kg	28
Acetophenone	ND	490	ug/kg	30
Anthracene	ND	490	ug/kg	28
Atrazine	ND	490	ug/kg	34
Benzo(a)anthracene	**55 J**	**490**	**ug/kg**	**19**
Benzo(a)pyrene	**40 J**	**490**	**ug/kg**	**15**
Benzo(b)fluoranthene	**44 J**	**490**	**ug/kg**	**19**
Benzo(ghi)perylene	ND	490	ug/kg	17
Benzo(k)fluoranthene	**22 J**	**490**	**ug/kg**	**16**
Benzaldehyde	ND 490 U J	490	ug/kg	52
1,1'-Biphenyl	ND	490	ug/kg	27
bis(2-Chloroethoxy) methane	ND	490	ug/kg	23
bis(2-Chloroethyl)-ether	ND	490	ug/kg	11
bis(2-Ethylhexyl) phthalate	**220 J**	**490**	**ug/kg**	**37**
4-Bromophenyl phenyl ether	ND	490	ug/kg	22
Butyl benzyl phthalate	ND	490	ug/kg	39
Caprolactam	ND	490	ug/kg	92
Carbazole	ND	490	ug/kg	20
4-Chloroaniline	ND	490	ug/kg	42
4-Chloro-3-methylphenol	ND	490	ug/kg	30
2-Chloronaphthalene	ND	490	ug/kg	28
2-Chlorophenol	ND	490	ug/kg	25
4-Chlorophenyl phenyl ether	ND	490	ug/kg	24
Chrysene	**33 J**	**490**	**ug/kg**	**19**
Dibenz(a,h)anthracene	ND	490	ug/kg	31
Dibenzofuran	ND	490	ug/kg	27
3,3'-Dichlorobenzidine	ND	2400	ug/kg	110
2,4-Dichlorophenol	ND	490	ug/kg	15
Diethyl phthalate	ND	490	ug/kg	43
2,4-Dimethylphenol	ND	490	ug/kg	21
Dimethyl phthalate	ND	490	ug/kg	28

(Continued on next page)

ENSR International

Client Sample ID: SB49(22-24)

GC/MS Semivolatiles

Lot-Sample #...: C8H080154-003 **Work Order #...:** KTTR11AL **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-butyl phthalate	ND	490	ug/kg	81
4,6-Dinitro-2-methylphenol	ND	2400	ug/kg	340
2,4-Dinitrophenol	ND	2400	ug/kg	580
2,4-Dinitrotoluene	ND	490	ug/kg	25
2,6-Dinitrotoluene	ND	490	ug/kg	31
Di-n-octyl phthalate	ND	490	ug/kg	34
Fluoranthene	**78 J**	**490**	**ug/kg**	**31**
Fluorene	ND	490	ug/kg	24
Hexachlorobenzene	ND	490	ug/kg	29
Hexachlorobutadiene	ND	490	ug/kg	30
Hexachlorocyclopentadiene	ND	2400	ug/kg	22
Hexachloroethane	ND	490	ug/kg	22
Indeno(1,2,3-cd)pyrene	ND	490	ug/kg	17
Isophorone	ND	490	ug/kg	27
2-Methylnaphthalene	ND	490	ug/kg	27
2-Methylphenol	ND	490	ug/kg	31
4-Methylphenol	ND	490	ug/kg	31
Naphthalene	**56 J**	**490**	**ug/kg**	**24**
2-Nitroaniline	ND	2400	ug/kg	29
3-Nitroaniline	ND	2400	ug/kg	42
4-Nitroaniline	ND	2400	ug/kg	20
Nitrobenzene	ND	490	ug/kg	12
2-Nitrophenol	ND	490	ug/kg	39
4-Nitrophenol	ND	2400	ug/kg	38
N-Nitrosodi-n-propylamine	ND	490	ug/kg	12
N-Nitrosodiphenylamine	ND	490	ug/kg	26
2,2'-oxybis(1-Chloropropane)	ND	490	ug/kg	29
Pentachlorophenol	ND	2400	ug/kg	36
Phenanthrene	**39 J**	**490**	**ug/kg**	**23**
Phenol	ND	490	ug/kg	29
Pyrene	**81 J**	**490**	**ug/kg**	**30**
2,4,5-Trichlorophenol	ND	490	ug/kg	40
2,4,6-Trichlorophenol	ND	490	ug/kg	39

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ENSR International

Client Sample ID: SB49(22-24)

GC/MS Semivolatiles

Lot-Sample #...: C8H080154-003 **Work Order #...:** KTTR11AL **Matrix.....:** SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	76	(10 - 117)
2-Fluorobiphenyl	76	(20 - 109)
2-Fluorophenol	71	(10 - 113)
Nitrobenzene-d5	75	(18 - 106)
Phenol-d5	73	(18 - 113)
Terphenyl-d14	96	(10 - 138)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

ENSR International

Client Sample ID: SB49(22-24)

TOTAL Metals

Lot-Sample #...: C8H080154-003 Matrix.....: SO
Date Sampled...: 08/01/08 Date Received..: 08/07/08
% Moisture.....: 33

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8225044						
Mercury	0.032 B J	0.049	mg/kg	SW846 7471A	08/12/08	KTTR11AG
		Dilution Factor: 1		Analysis Time..: 11:51	Analyst ID.....: 401509	
		Instrument ID..: HGHYDRA		MS Run #.....: 8225025	MDL.....: 0.011	
Prep Batch #...: 8233156						
Silver	~~0.10 B~~ 0.74 U	0.74	mg/kg	SW846 6010B	08/20-08/25/08	KTTR11AM
		Dilution Factor: 1		Analysis Time..: 17:56	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8233113	MDL.....: 0.055	
Aluminum	8890	29.7	mg/kg	SW846 6010B	08/20-08/25/08	KTTR11AN
		Dilution Factor: 1		Analysis Time..: 17:56	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8233113	MDL.....: 2.1	
Arsenic	3.3	1.5	mg/kg	SW846 6010B	08/20-08/25/08	KTTR11AP
		Dilution Factor: 1		Analysis Time..: 17:56	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8233113	MDL.....: 0.34	
Barium	55.7	29.7	mg/kg	SW846 6010B	08/20-08/25/08	KTTR11AQ
		Dilution Factor: 1		Analysis Time..: 17:56	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8233113	MDL.....: 0.054	
Beryllium	0.63	0.59	mg/kg	SW846 6010B	08/20-08/25/08	KTTR11AR
		Dilution Factor: 1		Analysis Time..: 17:56	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8233113	MDL.....: 0.046	
Calcium	21500	742	mg/kg	SW846 6010B	08/20-08/25/08	KTTR11AT
		Dilution Factor: 1		Analysis Time..: 17:56	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8233113	MDL.....: 37.3	
Cadmium	0.12 B J	0.74	mg/kg	SW846 6010B	08/20-08/25/08	KTTR11AU
		Dilution Factor: 1		Analysis Time..: 17:56	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8233113	MDL.....: 0.070	
Cobalt	8.0	7.4	mg/kg	SW846 6010B	08/20-08/25/08	KTTR11AV
		Dilution Factor: 1		Analysis Time..: 17:56	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8233113	MDL.....: 0.064	

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ENSR International

Client Sample ID: SB49(22-24)

TOTAL Metals

Lot-Sample #...: C8H080154-003 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium	13.5	0.74	mg/kg	SW846 6010B	08/20-08/25/08	KTTR11AW
		Dilution Factor: 1		Analysis Time..: 17:56	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8233113	MDL.....: 0.12	
Copper	17.3	3.7	mg/kg	SW846 6010B	08/20-08/25/08	KTTR11AX
		Dilution Factor: 1		Analysis Time..: 17:56	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8233113	MDL.....: 0.21	
Iron	21300	14.8	mg/kg	SW846 6010B	08/20-08/25/08	KTTR11A0
		Dilution Factor: 1		Analysis Time..: 17:56	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8233113	MDL.....: 4.5	
Potassium	989	742	mg/kg	SW846 6010B	08/20-08/25/08	KTTR11A1
		Dilution Factor: 1		Analysis Time..: 17:56	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8233113	MDL.....: 74.2	
Magnesium	4710	742	mg/kg	SW846 6010B	08/20-08/25/08	KTTR11A2
		Dilution Factor: 1		Analysis Time..: 17:56	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8233113	MDL.....: 1.9	
Manganese	274 J	2.2	mg/kg	SW846 6010B	08/20-08/25/08	KTTR11A3
		Dilution Factor: 1		Analysis Time..: 17:56	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8233113	MDL.....: 0.040	
Sodium	296 B J	742	mg/kg	SW846 6010B	08/20-08/25/08	KTTR11A4
		Dilution Factor: 1		Analysis Time..: 17:56	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8233113	MDL.....: 20.7	
Nickel	19.1	5.9	mg/kg	SW846 6010B	08/20-08/25/08	KTTR11A5
		Dilution Factor: 1		Analysis Time..: 17:56	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8233113	MDL.....: 0.16	
Lead	9.0	0.45	mg/kg	SW846 6010B	08/20-08/25/08	KTTR11A6
		Dilution Factor: 1		Analysis Time..: 17:56	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8233113	MDL.....: 0.23	
Selenium	ND U J	0.74	mg/kg	SW846 6010B	08/20-08/25/08	KTTR11AA
		Dilution Factor: 1		Analysis Time..: 17:56	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8233113	MDL.....: 0.43	

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ENSR International

Client Sample ID: SB49(22-24)

TOTAL Metals

Lot-Sample #...: C8H080154-003 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Thallium	0.90 ~~B~~ J	1.5	mg/kg	SW846 6010B	08/20-08/25/08	KTTR11AC
		Dilution Factor: 1		Analysis Time..: 17:56	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8233113	MDL.....: 0.48	
Antimony	~~0.20 B~~ 1.5U	1.5	mg/kg	SW846 6010B	08/20-08/25/08	KTTR11AD
		Dilution Factor: 1		Analysis Time..: 17:56	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8233113	MDL.....: 0.14	
Vanadium	19.9	7.4	mg/kg	SW846 6010B	08/20-08/25/08	KTTR11AE
		Dilution Factor: 1		Analysis Time..: 17:56	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8233113	MDL.....: 0.38	
Zinc	58.0	3.0	mg/kg	SW846 6010B	08/20-08/25/08	KTTR11AF
		Dilution Factor: 1		Analysis Time..: 17:56	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8233113	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.

ENSR International

Client Sample ID: SB49(28-30)

GC/MS Volatiles

Lot-Sample #...:	C8H080154-004	**Work Order #...:**	KTTR41AK	**Matrix.....:**	SO
Date Sampled...:	08/01/08	**Date Received..:**	08/07/08	**MS Run #.....:**	8227039
Prep Date.....:	08/14/08	**Analysis Date..:**	08/14/08		
Prep Batch #...:	8227235	**Analysis Time..:**	10:38		
Dilution Factor:	1	**Initial Wgt/Vol:**	5 g	**Final Wgt/Vol..:**	5 mL
% Moisture.....:	26	**Analyst ID.....:**	001562	**Instrument ID..:**	HP5
		Method.....:	SW846 8260B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	1400	ug/kg	81
Benzene	**13000**	**340**	**ug/kg**	**70**
Bromodichloromethane	ND	340	ug/kg	66
Bromoform	ND	340	ug/kg	69
Bromomethane	ND	340	ug/kg	86
2-Butanone	ND	340	ug/kg	66
Carbon disulfide	ND	340	ug/kg	83
Carbon tetrachloride	ND	340	ug/kg	61
Chlorobenzene	ND	340	ug/kg	75
Chloroethane	ND	340	ug/kg	98
Chloroform	ND	340	ug/kg	72
Chloromethane	ND	340	ug/kg	75
Cyclohexane	ND	340	ug/kg	68
Dibromochloromethane	ND	340	ug/kg	63
1,2-Dibromo-3-chloro-propane	ND	340	ug/kg	57
1,2-Dibromoethane	ND	340	ug/kg	71
1,3-Dichlorobenzene	ND	340	ug/kg	71
1,4-Dichlorobenzene	ND	340	ug/kg	75
1,2-Dichlorobenzene	ND	340	ug/kg	75
Dichlorodifluoromethane	ND	340	ug/kg	87
1,1-Dichloroethane	ND	340	ug/kg	66
1,2-Dichloroethane	ND	340	ug/kg	74
1,1-Dichloroethene	ND	340	ug/kg	79
cis-1,2-Dichloroethene	ND	340	ug/kg	73
trans-1,2-Dichloroethene	ND	340	ug/kg	79
1,2-Dichloropropane	ND	340	ug/kg	75
cis-1,3-Dichloropropene	ND	340	ug/kg	61
trans-1,3-Dichloropropene	ND	340	ug/kg	59
Ethylbenzene	ND	340	ug/kg	80
2-Hexanone	ND	340	ug/kg	54
Isopropylbenzene	ND	340	ug/kg	73
Methyl acetate	**95 J**	**340**	**ug/kg**	**72**
Methylene chloride	ND	340	ug/kg	52
Methylcyclohexane	ND	340	ug/kg	76
4-Methyl-2-pentanone	ND	340	ug/kg	59
Methyl tert-butyl ether	ND	340	ug/kg	63

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ENSR International

Client Sample ID: SB49(28-30)

GC/MS Volatiles

Lot-Sample #...: C8H080154-004 **Work Order #...:** KTTR41AK **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Styrene	ND	340	ug/kg	76
1,1,2,2-Tetrachloroethane	ND	340	ug/kg	77
1,2,4-Trichloro-benzene	ND	340	ug/kg	70
Tetrachloroethene	ND	340	ug/kg	88
1,1,1-Trichloroethane	ND	340	ug/kg	69
1,1,2-Trichloroethane	ND	340	ug/kg	72
Trichloroethene	ND	340	ug/kg	76
Trichlorofluoromethane	ND	340	ug/kg	110
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	340	ug/kg	84
Vinyl chloride	ND	340	ug/kg	76
Xylenes (total)	ND	1000	ug/kg	240
Toluene	ND	340	ug/kg	54

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	111	(52 - 124)
Toluene-d8	95	(72 - 127)
4-Bromofluorobenzene	101	(63 - 120)
Dibromofluoromethane	104	(68 - 121)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

ENSR International

Client Sample ID: SB49(28-30)

GC/MS Semivolatiles

Lot-Sample #...:	C8H080154-004	**Work Order #...:**	KTTR41AL	**Matrix.....:**	SO
Date Sampled...:	08/01/08 13:15	**Date Received..:**	08/07/08 09:15	**MS Run #.....:**	8225006
Prep Date.....:	08/12/08	**Analysis Date..:**	08/13/08		
Prep Batch #...:	8225018	**Analysis Time..:**	09:02		
Dilution Factor:	1	**Initial Wgt/Vol:**	15 g	**Final Wgt/Vol..:**	5 mL
% Moisture.....:	26	**Analyst ID.....:**	003200	**Instrument ID..:**	733
		Method.....:	SW846 8270C		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	450	ug/kg	23
Acenaphthylene	ND	450	ug/kg	26
Acetophenone	ND	450	ug/kg	27
Anthracene	ND	450	ug/kg	26
Atrazine	ND	450	ug/kg	31
Benzo(a)anthracene	ND	450	ug/kg	18
Benzo(a)pyrene	ND	450	ug/kg	14
Benzo(b)fluoranthene	ND	450	ug/kg	17
Benzo(ghi)perylene	ND	450	ug/kg	15
Benzo(k)fluoranthene	ND	450	ug/kg	14
Benzaldehyde	ND 450 u J	450	ug/kg	48
1,1'-Biphenyl	ND	450	ug/kg	25
bis(2-Chloroethoxy) methane	ND	450	ug/kg	21
bis(2-Chloroethyl)-ether	ND	450	ug/kg	10
bis(2-Ethylhexyl) phthalate	ND	450	ug/kg	35
4-Bromophenyl phenyl ether	ND	450	ug/kg	20
Butyl benzyl phthalate	ND	450	ug/kg	36
Caprolactam	ND	450	ug/kg	85
Carbazole	ND	450	ug/kg	18
4-Chloroaniline	ND	450	ug/kg	39
4-Chloro-3-methylphenol	ND	450	ug/kg	27
2-Chloronaphthalene	ND	450	ug/kg	26
2-Chlorophenol	ND	450	ug/kg	23
4-Chlorophenyl phenyl ether	ND	450	ug/kg	22
Chrysene	ND	450	ug/kg	18
Dibenz(a,h)anthracene	ND	450	ug/kg	29
Dibenzofuran	ND	450	ug/kg	25
3,3'-Dichlorobenzidine	ND	2200	ug/kg	100
2,4-Dichlorophenol	ND	450	ug/kg	13
Diethyl phthalate	ND	450	ug/kg	40
2,4-Dimethylphenol	ND	450	ug/kg	19
Dimethyl phthalate	ND	450	ug/kg	25

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ENSR International

Client Sample ID: SB49(28-30)

GC/MS Semivolatiles

Lot-Sample #...: C8H080154-004 Work Order #...: KTTR41AL Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-butyl phthalate	ND	450	ug/kg	75
4,6-Dinitro-2-methylphenol	ND	2200	ug/kg	320
2,4-Dinitrophenol	ND	2200	ug/kg	530
2,4-Dinitrotoluene	ND	450	ug/kg	23
2,6-Dinitrotoluene	ND	450	ug/kg	29
Di-n-octyl phthalate	ND	450	ug/kg	31
Fluoranthene	ND	450	ug/kg	29
Fluorene	ND	450	ug/kg	22
Hexachlorobenzene	ND	450	ug/kg	27
Hexachlorobutadiene	ND	450	ug/kg	28
Hexachlorocyclopentadiene	ND	2200	ug/kg	21
Hexachloroethane	ND	450	ug/kg	20
Indeno(1,2,3-cd)pyrene	ND	450	ug/kg	16
Isophorone	ND	450	ug/kg	25
2-Methylnaphthalene	ND	450	ug/kg	25
2-Methylphenol	ND	450	ug/kg	28
4-Methylphenol	ND	450	ug/kg	28
Naphthalene	ND	450	ug/kg	22
2-Nitroaniline	ND	2200	ug/kg	27
3-Nitroaniline	ND	2200	ug/kg	39
4-Nitroaniline	ND	2200	ug/kg	19
Nitrobenzene	ND	450	ug/kg	11
2-Nitrophenol	ND	450	ug/kg	36
4-Nitrophenol	ND	2200	ug/kg	35
N-Nitrosodi-n-propylamine	ND	450	ug/kg	11
N-Nitrosodiphenylamine	ND	450	ug/kg	24
2,2'-oxybis(1-Chloropropane)	ND	450	ug/kg	27
Pentachlorophenol	ND	2200	ug/kg	34
Phenanthrene	ND	450	ug/kg	22
Phenol	ND	450	ug/kg	27
Pyrene	ND	450	ug/kg	28
2,4,5-Trichlorophenol	ND	450	ug/kg	37
2,4,6-Trichlorophenol	ND	450	ug/kg	36

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ENSR International

Client Sample ID: SB49(28-30)

GC/MS Semivolatiles

Lot-Sample #...: C8H080154-004 **Work Order #...:** KTTR41AL **Matrix.....:** SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	78	(10 - 117)
2-Fluorobiphenyl	74	(20 - 109)
2-Fluorophenol	69	(10 - 113)
Nitrobenzene-d5	70	(18 - 106)
Phenol-d5	71	(18 - 113)
Terphenyl-d14	92	(10 - 138)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

ENSR International

Client Sample ID: SB49(28-30)

TOTAL Metals

Lot-Sample #...: C8H080154-004 Matrix.....: SO
Date Sampled...: 08/01/08 Date Received..: 08/07/08
% Moisture.....: 26

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8225044						
Mercury	0.031 B J	0.045	mg/kg	SW846 7471A	08/12/08	KTTR41AG
		Dilution Factor: 1		Analysis Time..: 11:53	Analyst ID.....: 401509	
		Instrument ID..: HGHYDRA		MS Run #.....: 8225025	MDL.....: 0.0096	
Prep Batch #...: 8233156						
Silver	~~0.073 B~~ 0.63 U	0.68	mg/kg	SW846 6010B	08/20-08/25/08	KTTR41AM
		Dilution Factor: 1		Analysis Time..: 18:02	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8233113	MDL.....: 0.050	
Aluminum	8320	27.2	mg/kg	SW846 6010B	08/20-08/25/08	KTTR41AN
		Dilution Factor: 1		Analysis Time..: 18:02	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8233113	MDL.....: 1.9	
Arsenic	3.1	1.4	mg/kg	SW846 6010B	08/20-08/25/08	KTTR41AP
		Dilution Factor: 1		Analysis Time..: 18:02	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8233113	MDL.....: 0.31	
Barium	52.3	27.2	mg/kg	SW846 6010B	08/20-08/25/08	KTTR41AQ
		Dilution Factor: 1		Analysis Time..: 18:02	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8233113	MDL.....: 0.049	
Beryllium	0.60	0.54	mg/kg	SW846 6010B	08/20-08/25/08	KTTR41AR
		Dilution Factor: 1		Analysis Time..: 18:02	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8233113	MDL.....: 0.042	
Calcium	11600	679	mg/kg	SW846 6010B	08/20-08/25/08	KTTR41AT
		Dilution Factor: 1		Analysis Time..: 18:02	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8233113	MDL.....: 34.1	
Cadmium	0.12 B J	0.68	mg/kg	SW846 6010B	08/20-08/25/08	KTTR41AU
		Dilution Factor: 1		Analysis Time..: 18:02	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8233113	MDL.....: 0.064	
Cobalt	7.8	6.8	mg/kg	SW846 6010B	08/20-08/25/08	KTTR41AV
		Dilution Factor: 1		Analysis Time..: 18:02	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8233113	MDL.....: 0.058	

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ENSR International

Client Sample ID: SB49(28-30)

TOTAL Metals

Lot-Sample #...: C8H080154-004 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium	12.6	0.68	mg/kg	SW846 6010B	08/20-08/25/08	KTTR41AW
		Dilution Factor: 1		Analysis Time..: 18:02	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8233113	MDL.....: 0.11	
Copper	16.8	3.4	mg/kg	SW846 6010B	08/20-08/25/08	KTTR41AX
		Dilution Factor: 1		Analysis Time..: 18:02	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8233113	MDL.....: 0.19	
Iron	18000	13.6	mg/kg	SW846 6010B	08/20-08/25/08	KTTR41A0
		Dilution Factor: 1		Analysis Time..: 18:02	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8233113	MDL.....: 4.1	
Potassium	1110	679	mg/kg	SW846 6010B	08/20-08/25/08	KTTR41A1
		Dilution Factor: 1		Analysis Time..: 18:02	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8233113	MDL.....: 67.9	
Magnesium	6200	679	mg/kg	SW846 6010B	08/20-08/25/08	KTTR41A2
		Dilution Factor: 1		Analysis Time..: 18:02	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8233113	MDL.....: 1.8	
Manganese	249 J	2.0	mg/kg	SW846 6010B	08/20-08/25/08	KTTR41A3
		Dilution Factor: 1		Analysis Time..: 18:02	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8233113	MDL.....: 0.036	
Sodium	84.1 B J	679	mg/kg	SW846 6010B	08/20-08/25/08	KTTR41A4
		Dilution Factor: 1		Analysis Time..: 18:02	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8233113	MDL.....: 18.9	
Nickel	17.9	5.4	mg/kg	SW846 6010B	08/20-08/25/08	KTTR41A5
		Dilution Factor: 1		Analysis Time..: 18:02	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8233113	MDL.....: 0.14	
Lead	8.2	0.41	mg/kg	SW846 6010B	08/20-08/25/08	KTTR41A6
		Dilution Factor: 1		Analysis Time..: 18:02	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8233113	MDL.....: 0.21	
Selenium	ND UJ	0.68	mg/kg	SW846 6010B	08/20-08/25/08	KTTR41AA
		Dilution Factor: 1		Analysis Time..: 18:02	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8233113	MDL.....: 0.39	

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ENSR International

Client Sample ID: SB49(28-30)

TOTAL Metals

Lot-Sample #...: C8H080154-004 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Thallium	**0.90 B J**	**1.4**	**mg/kg**	**SW846 6010B**	**08/20-08/25/08**	**KTTR41AC**
		Dilution Factor: 1		Analysis Time..: 18:02	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8233113	MDL.....: 0.44	
Antimony	ND	1.4	mg/kg	SW846 6010B	08/20-08/25/08	KTTR41AD
		Dilution Factor: 1		Analysis Time..: 18:02	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8233113	MDL.....: 0.12	
Vanadium	**20.1**	**6.8**	**mg/kg**	**SW846 6010B**	**08/20-08/25/08**	**KTTR41AE**
		Dilution Factor: 1		Analysis Time..: 18:02	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8233113	MDL.....: 0.35	
Zinc	**55.0**	**2.7**	**mg/kg**	**SW846 6010B**	**08/20-08/25/08**	**KTTR41AF**
		Dilution Factor: 1		Analysis Time..: 18:02	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8233113	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.

ENSR International

Client Sample ID: SB49(72-74)

GC/MS Volatiles

Lot-Sample #...:	C8H080154-005	**Work Order #...:**	KTTR61AK	**Matrix.....:**	SO
Date Sampled...:	08/04/08	**Date Received..:**	08/07/08	**MS Run #.....:**	8224023
Prep Date.....:	08/11/08	**Analysis Date..:**	08/11/08		
Prep Batch #...:	8224043	**Analysis Time..:**	10:25		
Dilution Factor:	1	**Initial Wgt/Vol:**	5 g	**Final Wgt/Vol..:**	5 mL
% Moisture.....:	11	**Analyst ID.....:**	010099	**Instrument ID..:**	HP3
		Method.....:	SW846 8260B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND 23 UJ	23	ug/kg	5.6
Benzene	ND	5.6	ug/kg	0.76
Bromodichloromethane	ND	5.6	ug/kg	0.63
Bromoform	ND	5.6	ug/kg	0.50
Bromomethane	ND	5.6	ug/kg	0.83
2-Butanone	ND	5.6	ug/kg	0.99
Carbon disulfide	ND 5.6 UJ	5.6	ug/kg	0.58
Carbon tetrachloride	ND	5.6	ug/kg	0.50
Chlorobenzene	ND	5.6	ug/kg	0.85
Chloroethane	ND	5.6	ug/kg	1.7
Chloroform	ND	5.6	ug/kg	0.66
Chloromethane	ND	5.6	ug/kg	0.96
Cyclohexane	ND	5.6	ug/kg	0.42
Dibromochloromethane	ND	5.6	ug/kg	0.80
1,2-Dibromo-3-chloro-propane	ND	5.6	ug/kg	0.84
1,2-Dibromoethane	ND	5.6	ug/kg	0.97
1,3-Dichlorobenzene	ND	5.6	ug/kg	0.74
1,4-Dichlorobenzene	ND	5.6	ug/kg	0.72
1,2-Dichlorobenzene	ND	5.6	ug/kg	0.90
Dichlorodifluoromethane	ND 5.6 UJ	5.6	ug/kg	0.75
1,1-Dichloroethane	ND	5.6	ug/kg	0.65
1,2-Dichloroethane	ND	5.6	ug/kg	0.69
1,1-Dichloroethene	ND	5.6	ug/kg	0.96
cis-1,2-Dichloroethene	ND	5.6	ug/kg	0.79
trans-1,2-Dichloroethene	ND	5.6	ug/kg	0.67
1,2-Dichloropropane	ND	5.6	ug/kg	0.61
cis-1,3-Dichloropropene	ND	5.6	ug/kg	0.76
trans-1,3-Dichloropropene	ND	5.6	ug/kg	0.67
Ethylbenzene	ND	5.6	ug/kg	0.72
2-Hexanone	ND	5.6	ug/kg	0.78
Isopropylbenzene	ND	5.6	ug/kg	0.76
Methyl acetate	ND	5.6	ug/kg	1.0
Methylene chloride	ND	5.6	ug/kg	0.76
Methylcyclohexane	ND	5.6	ug/kg	0.82
4-Methyl-2-pentanone	ND	5.6	ug/kg	0.73
Methyl tert-butyl ether	ND	5.6	ug/kg	0.84

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ENSR International

Client Sample ID: SB49(72-74)

GC/MS Volatiles

Lot-Sample #...: C8H080154-005 Work Order #...: KTTR61AK Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Styrene	ND	5.6	ug/kg	0.60
1,1,2,2-Tetrachloroethane	ND	5.6	ug/kg	0.81
1,2,4-Trichloro-benzene	ND	5.6	ug/kg	0.99
Tetrachloroethene	ND	5.6	ug/kg	0.77
1,1,1-Trichloroethane	ND	5.6	ug/kg	0.55
1,1,2-Trichloroethane	ND	5.6	ug/kg	0.94
Trichloroethene	ND	5.6	ug/kg	0.74
Trichlorofluoromethane	ND	5.6	ug/kg	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	5.6	ug/kg	1.2
Vinyl chloride	ND	5.6	ug/kg	0.53
Xylenes (total)	ND	17	ug/kg	2.5
Toluene	ND	5.6	ug/kg	0.82

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	100	(52 - 124)
Toluene-d8	94	(72 - 127)
4-Bromofluorobenzene	90	(63 - 120)
Dibromofluoromethane	98	(68 - 121)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

ENSR International

Client Sample ID: SB49(72-74)

GC/MS Semivolatiles

Lot-Sample #...:	C8H080154-005	**Work Order #...:**	KTTR61AL	**Matrix.....:**	SO
Date Sampled...:	08/04/08 12:00	**Date Received..:**	08/07/08 09:15	**MS Run #.....:**	8225006
Prep Date.....:	08/12/08	**Analysis Date..:**	08/13/08		
Prep Batch #...:	8225018	**Analysis Time..:**	09:22		
Dilution Factor:	1	**Initial Wgt/Vol:**	15 g	**Final Wgt/Vol..:**	5 mL
% Moisture.....:	11	**Analyst ID.....:**	003200	**Instrument ID..:**	733
		Method.....:	SW846 8270C		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	370	ug/kg	19
Acenaphthylene	ND	370	ug/kg	22
Acetophenone	ND	370	ug/kg	23
Anthracene	ND	370	ug/kg	21
Atrazine	ND	370	ug/kg	26
Benzo(a)anthracene	ND	370	ug/kg	15
Benzo(a)pyrene	ND	370	ug/kg	12
Benzo(b)fluoranthene	ND	370	ug/kg	14
Benzo(ghi)perylene	ND	370	ug/kg	13
Benzo(k)fluoranthene	ND	370	ug/kg	12
Benzaldehyde	ND 370 UJ	370	ug/kg	40
1,1'-Biphenyl	ND	370	ug/kg	21
bis(2-Chloroethoxy) methane	ND	370	ug/kg	17
bis(2-Chloroethyl)-ether	ND	370	ug/kg	8.4
bis(2-Ethylhexyl) phthalate	ND	370	ug/kg	29
4-Bromophenyl phenyl ether	ND	370	ug/kg	17
Butyl benzyl phthalate	ND	370	ug/kg	30
Caprolactam	ND	370	ug/kg	71
Carbazole	ND	370	ug/kg	15
4-Chloroaniline	ND	370	ug/kg	32
4-Chloro-3-methylphenol	ND	370	ug/kg	23
2-Chloronaphthalene	ND	370	ug/kg	22
2-Chlorophenol	ND	370	ug/kg	19
4-Chlorophenyl phenyl ether	ND	370	ug/kg	18
Chrysene	ND	370	ug/kg	15
Dibenz(a,h)anthracene	ND	370	ug/kg	24
Dibenzofuran	ND	370	ug/kg	21
3,3'-Dichlorobenzidine	ND	1800	ug/kg	84
2,4-Dichlorophenol	ND	370	ug/kg	11
Diethyl phthalate	ND	370	ug/kg	33
2,4-Dimethylphenol	ND	370	ug/kg	16
Dimethyl phthalate	ND	370	ug/kg	21

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ENSR International

Client Sample ID: SB49(72-74)

GC/MS Semivolatiles

Lot-Sample #...: C8H080154-005 **Work Order #...:** KTTR61AL **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-butyl phthalate	ND	370	ug/kg	62
4,6-Dinitro-2-methylphenol	ND	1800	ug/kg	260
2,4-Dinitrophenol	ND	1800	ug/kg	440
2,4-Dinitrotoluene	ND	370	ug/kg	19
2,6-Dinitrotoluene	ND	370	ug/kg	24
Di-n-octyl phthalate	ND	370	ug/kg	26
Fluoranthene	ND	370	ug/kg	24
Fluorene	ND	370	ug/kg	18
Hexachlorobenzene	ND	370	ug/kg	22
Hexachlorobutadiene	ND	370	ug/kg	23
Hexachlorocyclopentadiene	ND	1800	ug/kg	17
Hexachloroethane	ND	370	ug/kg	17
Indeno(1,2,3-cd)pyrene	ND	370	ug/kg	13
Isophorone	ND	370	ug/kg	21
2-Methylnaphthalene	ND	370	ug/kg	21
2-Methylphenol	ND	370	ug/kg	23
4-Methylphenol	ND	370	ug/kg	23
Naphthalene	ND	370	ug/kg	18
2-Nitroaniline	ND	1800	ug/kg	22
3-Nitroaniline	ND	1800	ug/kg	32
4-Nitroaniline	ND	1800	ug/kg	16
Nitrobenzene	ND	370	ug/kg	9.3
2-Nitrophenol	ND	370	ug/kg	30
4-Nitrophenol	ND	1800	ug/kg	29
N-Nitrosodi-n-propylamine	ND	370	ug/kg	9.1
N-Nitrosodiphenylamine	ND	370	ug/kg	20
2,2'-oxybis(1-Chloropropane)	ND	370	ug/kg	22
Pentachlorophenol	ND	1800	ug/kg	28
Phenanthrene	ND	370	ug/kg	18
Phenol	ND	370	ug/kg	23
Pyrene	ND	370	ug/kg	23
2,4,5-Trichlorophenol	ND	370	ug/kg	31
2,4,6-Trichlorophenol	ND	370	ug/kg	30

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ENSR International

Client Sample ID: SB49(72-74)

GC/MS Semivolatiles

Lot-Sample #...: C8H080154-005 Work Order #...: KTTR61AL Matrix.....: SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	72	(10 - 117)
2-Fluorobiphenyl	74	(20 - 109)
2-Fluorophenol	67	(10 - 113)
Nitrobenzene-d5	71	(18 - 106)
Phenol-d5	70	(18 - 113)
Terphenyl-d14	90	(10 - 138)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

ENSR International

Client Sample ID: SB49(72-74)

TOTAL Metals

Lot-Sample #...: C8H080154-005 Matrix.....: SO
Date Sampled...: 08/04/08 Date Received..: 08/07/08
% Moisture.....: 11

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8225044						
Mercury	ND	0.037	mg/kg	SW846 7471A	08/12/08	KTTR61AG
		Dilution Factor: 1		Analysis Time..: 11:55	Analyst ID.....: 401509	
		Instrument ID..: HGHYDRA		MS Run #.....: 8225025	MDL.....: 0.0080	
Prep Batch #...: 8233156						
Silver	~~0.079 B~~ 0.56 U	**0.56**	**mg/kg**	**SW846 6010B**	**08/20-08/25/08**	**KTTR61AM**
		Dilution Factor: 1		Analysis Time..: 18:07	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8233113	MDL.....: 0.042	
Aluminum	**4460**	**22.5**	**mg/kg**	**SW846 6010B**	**08/20-08/25/08**	**KTTR61AN**
		Dilution Factor: 1		Analysis Time..: 18:07	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8233113	MDL.....: 1.6	
Arsenic	**11.7**	**1.1**	**mg/kg**	**SW846 6010B**	**08/20-08/25/08**	**KTTR61AP**
		Dilution Factor: 1		Analysis Time..: 18:07	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8233113	MDL.....: 0.26	
Barium	**27.1**	**22.5**	**mg/kg**	**SW846 6010B**	**08/20-08/25/08**	**KTTR61AQ**
		Dilution Factor: 1		Analysis Time..: 18:07	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8233113	MDL.....: 0.041	
Beryllium	~~0.31 B~~ 0.45 U	**0.45**	**mg/kg**	**SW846 6010B**	**08/20-08/25/08**	**KTTR61AR**
		Dilution Factor: 1		Analysis Time..: 18:07	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8233113	MDL.....: 0.035	
Calcium	**54300**	**563**	**mg/kg**	**SW846 6010B**	**08/20-08/25/08**	**KTTR61AT**
		Dilution Factor: 1		Analysis Time..: 18:07	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8233113	MDL.....: 28.3	
Cadmium	**0.073 B J**	**0.56**	**mg/kg**	**SW846 6010B**	**08/20-08/25/08**	**KTTR61AU**
		Dilution Factor: 1		Analysis Time..: 18:07	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8233113	MDL.....: 0.053	
Cobalt	~~4.1 B~~ 5.6 U	**5.6**	**mg/kg**	**SW846 6010B**	**08/20-08/25/08**	**KTTR61AV**
		Dilution Factor: 1		Analysis Time..: 18:07	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8233113	MDL.....: 0.048	

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ENSR International

Client Sample ID: SB49(72-74)

TOTAL Metals

Lot-Sample #...: C8H080154-005 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium	7.3	0.56	mg/kg	SW846 6010B	08/20-08/25/08	KTTR61AW
		Dilution Factor: 1		Analysis Time..: 18:07	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8233113	MDL.....: 0.092	
Copper	11.0	2.8	mg/kg	SW846 6010B	08/20-08/25/08	KTTR61AX
		Dilution Factor: 1		Analysis Time..: 18:07	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8233113	MDL.....: 0.16	
Iron	15100	11.3	mg/kg	SW846 6010B	08/20-08/25/08	KTTR61A0
		Dilution Factor: 1		Analysis Time..: 18:07	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8233113	MDL.....: 3.4	
Potassium	597	563	mg/kg	SW846 6010B	08/20-08/25/08	KTTR61A1
		Dilution Factor: 1		Analysis Time..: 18:07	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8233113	MDL.....: 56.3	
Magnesium	5000	563	mg/kg	SW846 6010B	08/20-08/25/08	KTTR61A2
		Dilution Factor: 1		Analysis Time..: 18:07	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8233113	MDL.....: 1.5	
Manganese	252 J	1.7	mg/kg	SW846 6010B	08/20-08/25/08	KTTR61A3
		Dilution Factor: 1		Analysis Time..: 18:07	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8233113	MDL.....: 0.030	
Sodium	83.0 B J	563	mg/kg	SW846 6010B	08/20-08/25/08	KTTR61A4
		Dilution Factor: 1		Analysis Time..: 18:07	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8233113	MDL.....: 15.7	
Nickel	10.2	4.5	mg/kg	SW846 6010B	08/20-08/25/08	KTTR61A5
		Dilution Factor: 1		Analysis Time..: 18:07	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8233113	MDL.....: 0.12	
Lead	4.3	0.34	mg/kg	SW846 6010B	08/20-08/25/08	KTTR61A6
		Dilution Factor: 1		Analysis Time..: 18:07	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8233113	MDL.....: 0.18	
Selenium	ND U J	0.56	mg/kg	SW846 6010B	08/20-08/25/08	KTTR61AA
		Dilution Factor: 1		Analysis Time..: 18:07	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8233113	MDL.....: 0.32	

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ENSR International

Client Sample ID: SB49(72-74)

TOTAL Metals

Lot-Sample #...: C8H080154-005 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Thallium	ND	1.1	mg/kg	SW846 6010B	08/20-08/25/08	KTTR61AC
		Dilution Factor: 1		Analysis Time..: 18:07	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8233113	MDL.....: 0.36	
Antimony	~~0.10 B~~ 1.1 U	**1.1**	**mg/kg**	**SW846 6010B**	**08/20-08/25/08**	**KTTR61AD**
		Dilution Factor: 1		Analysis Time..: 18:07	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8233113	MDL.....: 0.10	
Vanadium	**11.6**	**5.6**	**mg/kg**	**SW846 6010B**	**08/20-08/25/08**	**KTTR61AE**
		Dilution Factor: 1		Analysis Time..: 18:07	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8233113	MDL.....: 0.29	
Zinc	**34.6**	**2.3**	**mg/kg**	**SW846 6010B**	**08/20-08/25/08**	**KTTR61AF**
		Dilution Factor: 1		Analysis Time..: 18:07	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8233113	MDL.....: 0.39	

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.

ENSR International

Client Sample ID: SB50(14.5-15)

GC/MS Volatiles

Lot-Sample #...: C8G220214-001	**Work Order #...:** KR0E21AC	**Matrix.....:** SO
Date Sampled...: 07/17/08	**Date Received..:** 07/22/08	**MS Run #.....:** 8210034
Prep Date.....: 07/28/08	**Analysis Date..:** 07/28/08	
Prep Batch #...: 8210064	**Analysis Time..:** 11:10	
Dilution Factor: 1	**Initial Wgt/Vol:** 5 g	**Final Wgt/Vol..:** 5 mL
% Moisture.....: 21	**Analyst ID.....:** 010099	**Instrument ID..:** HP3
	Method.....: SW846 8260B	

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	**43** U	**25**	**ug/kg**	**6.3**
Benzene	ND	6.3	ug/kg	0.85
Bromodichloromethane	ND	6.3	ug/kg	0.71
Bromoform	ND	6.3	ug/kg	0.56
Bromomethane	ND	6.3	ug/kg	0.93
2-Butanone	**12**	**6.3**	**ug/kg**	**1.1**
Carbon disulfide	ND	6.3	ug/kg	0.65
Carbon tetrachloride	ND	6.3	ug/kg	0.56
Chlorobenzene	ND	6.3	ug/kg	0.96
Chloroethane	~~ND~~ 6.3 UJ	6.3	ug/kg	2.0
Chloroform	ND	6.3	ug/kg	0.74
Chloromethane	ND	6.3	ug/kg	1.1
Cyclohexane	ND	6.3	ug/kg	0.47
Dibromochloromethane	ND	6.3	ug/kg	0.90
1,2-Dibromo-3-chloro-propane	ND	6.3	ug/kg	0.95
1,2-Dibromoethane	ND	6.3	ug/kg	1.1
1,3-Dichlorobenzene	ND	6.3	ug/kg	0.83
1,4-Dichlorobenzene	ND	6.3	ug/kg	0.80
1,2-Dichlorobenzene	ND	6.3	ug/kg	1.0
Dichlorodifluoromethane	ND	6.3	ug/kg	0.84
1,1-Dichloroethane	ND	6.3	ug/kg	0.73
1,2-Dichloroethane	ND	6.3	ug/kg	0.78
1,1-Dichloroethene	ND	6.3	ug/kg	1.1
cis-1,2-Dichloroethene	ND	6.3	ug/kg	0.89
trans-1,2-Dichloroethene	ND	6.3	ug/kg	0.75
1,2-Dichloropropane	ND	6.3	ug/kg	0.69
cis-1,3-Dichloropropene	ND	6.3	ug/kg	0.86
trans-1,3-Dichloropropene	ND	6.3	ug/kg	0.76
Ethylbenzene	**43**	**6.3**	**ug/kg**	**0.81**
2-Hexanone	ND	6.3	ug/kg	0.87
Isopropylbenzene	**11**	**6.3**	**ug/kg**	**0.86**
Methyl acetate	ND	6.3	ug/kg	1.1
Methylene chloride	~~2.6 J~~ 6.3 U	**6.3**	**ug/kg**	**0.85**
Methylcyclohexane	ND	6.3	ug/kg	0.92
4-Methyl-2-pentanone	ND	6.3	ug/kg	0.82
Methyl tert-butyl ether	ND	6.3	ug/kg	0.95

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ENSR International

Client Sample ID: SB50(14.5-15)

GC/MS Volatiles

Lot-Sample #...: C8G220214-001 **Work Order #...:** KR0E21AC **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Styrene	ND	6.3	ug/kg	0.67
1,1,2,2-Tetrachloroethane	ND	6.3	ug/kg	0.91
1,2,4-Trichloro-benzene	ND	6.3	ug/kg	1.1
Tetrachloroethene	ND	6.3	ug/kg	0.86
1,1,1-Trichloroethane	ND	6.3	ug/kg	0.61
1,1,2-Trichloroethane	ND	6.3	ug/kg	1.1
Trichloroethene	ND	6.3	ug/kg	0.83
Trichlorofluoromethane	ND	6.3	ug/kg	1.2
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	6.3	ug/kg	1.3
Vinyl chloride	ND	6.3	ug/kg	0.59
Xylenes (total)	**5.1 J**	**19**	**ug/kg**	**2.8**
Toluene	**1.1 J**	**6.3**	**ug/kg**	**0.92**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	98	(52 - 124)
Toluene-d8	98	(72 - 127)
4-Bromofluorobenzene	98	(63 - 120)
Dibromofluoromethane	89	(68 - 121)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

ENSR International

Client Sample ID: SB50(14.5-15)

GC/MS Semivolatiles

Lot-Sample #...:	C8G220214-001	**Work Order #...:**	KR0E21AD	**Matrix.....:**	SO
Date Sampled...:	07/17/08 13:50	**Date Received..:**	07/22/08 10:00	**MS Run #.....:**	8207007
Prep Date.....:	07/25/08	**Analysis Date..:**	07/28/08		
Prep Batch #...:	8207015	**Analysis Time..:**	02:16		
Dilution Factor:	10	**Initial Wgt/Vol:**	15 g	**Final Wgt/Vol..:**	5 mL
% Moisture.....:	21	**Analyst ID.....:**	003200	**Instrument ID..:**	731
		Method.....:	SW846 8270C		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	**820 J**	**4200**	**ug/kg**	**220**
Acenaphthylene	**910 J**	**4200**	**ug/kg**	**240**
Acetophenone	ND	4200	ug/kg	250
Anthracene	**1100 J**	**4200**	**ug/kg**	**240**
Atrazine	ND	4200	ug/kg	290
Benzo(a)anthracene	**1100 J**	**4200**	**ug/kg**	**170**
Benzo(a)pyrene	**710 J**	**4200**	**ug/kg**	**130**
Benzo(b)fluoranthene	**980 J**	**4200**	**ug/kg**	**160**
Benzo(ghi)perylene	**460 J**	**4200**	**ug/kg**	**140**
Benzo(k)fluoranthene	ND	4200	ug/kg	130
Benzaldehyde	ND 4200 UJ	4200	ug/kg	440
1,1'-Biphenyl	**2300 J**	**4200**	**ug/kg**	**230**
bis(2-Chloroethoxy) methane	ND	4200	ug/kg	200
bis(2-Chloroethyl)-ether	ND	4200	ug/kg	94
bis(2-Ethylhexyl) phthalate	**740 J**	**4200**	**ug/kg**	**320**
4-Bromophenyl phenyl ether	ND	4200	ug/kg	190
Butyl benzyl phthalate	ND	4200	ug/kg	340
Caprolactam	ND	4200	ug/kg	790
Carbazole	ND	4200	ug/kg	170
4-Chloroaniline	ND	4200	ug/kg	360
4-Chloro-3-methylphenol	ND	4200	ug/kg	260
2-Chloronaphthalene	ND	4200	ug/kg	240
2-Chlorophenol	ND	4200	ug/kg	210
4-Chlorophenyl phenyl ether	ND	4200	ug/kg	210
Chrysene	**900 J**	**4200**	**ug/kg**	**170**
Dibenz(a,h)anthracene	ND	4200	ug/kg	270
Dibenzofuran	**1100 J**	**4200**	**ug/kg**	**230**
3,3'-Dichlorobenzidine	ND	20000	ug/kg	940
2,4-Dichlorophenol	ND	4200	ug/kg	120
Diethyl phthalate	ND	4200	ug/kg	370
2,4-Dimethylphenol	ND	4200	ug/kg	180
Dimethyl phthalate	ND	4200	ug/kg	240

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ENSR International

Client Sample ID: SB50(14.5-15)

GC/MS Semivolatiles

Lot-Sample #...: C8G220214-001 **Work Order #...:** KR0E21AD **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-butyl phthalate	ND	4200	ug/kg	690
4,6-Dinitro-2-methylphenol	ND	20000	ug/kg	3000
2,4-Dinitrophenol	ND	20000	ug/kg	5000
2,4-Dinitrotoluene	ND	4200	ug/kg	220
2,6-Dinitrotoluene	ND	4200	ug/kg	270
Di-n-octyl phthalate	ND	4200	ug/kg	290
Fluoranthene	**2000 J**	**4200**	**ug/kg**	**270**
Fluorene	**1500 J**	**4200**	**ug/kg**	**200**
Hexachlorobenzene	ND	4200	ug/kg	250
Hexachlorobutadiene	ND	4200	ug/kg	260
Hexachlorocyclopentadiene	ND	20000	ug/kg	190
Hexachloroethane	ND	4200	ug/kg	190
Indeno(1,2,3-cd)pyrene	**360 J**	**4200**	**ug/kg**	**150**
Isophorone	ND	4200	ug/kg	230
2-Methylnaphthalene	**26000**	**4200**	**ug/kg**	**230**
2-Methylphenol	ND	4200	ug/kg	260
4-Methylphenol	ND	4200	ug/kg	260
Naphthalene	**130000**	**4200**	**ug/kg**	**200**
2-Nitroaniline	ND	20000	ug/kg	250
3-Nitroaniline	ND	20000	ug/kg	360
4-Nitroaniline	ND	20000	ug/kg	180
Nitrobenzene	ND	4200	ug/kg	100
2-Nitrophenol	ND	4200	ug/kg	330
4-Nitrophenol	ND	20000	ug/kg	330
N-Nitrosodi-n-propylamine	ND	4200	ug/kg	100
N-Nitrosodiphenylamine	ND	4200	ug/kg	230
2,2'-oxybis (1-Chloropropane)	ND	4200	ug/kg	250
Pentachlorophenol	ND	20000	ug/kg	310
Phenanthrene	**3700 J**	**4200**	**ug/kg**	**200**
Phenol	ND	4200	ug/kg	250
Pyrene	**2200 J**	**4200**	**ug/kg**	**260**
2,4,5-Trichlorophenol	ND	4200	ug/kg	350
2,4,6-Trichlorophenol	ND	4200	ug/kg	340

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ENSR International

Client Sample ID: SB50(14.5-15)

GC/MS Semivolatiles

Lot-Sample #...: C8G220214-001 Work Order #...: KR0E21AD Matrix.....: SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	68	(10 - 117)
2-Fluorobiphenyl	74	(20 - 109)
2-Fluorophenol	67	(10 - 113)
Nitrobenzene-d5	72	(18 - 106)
Phenol-d5	73	(18 - 113)
Terphenyl-d14	80	(10 - 138)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

ENSR International

Client Sample ID: SB50(14.5-15)

TOTAL Metals

Lot-Sample #...: C8G220214-001 Matrix.....: SO
Date Sampled...: 07/17/08 Date Received..: 07/22/08
% Moisture.....: 21

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8213170						
Silver	0.90	0.63	mg/kg	SW846 6010B	07/31-08/11/08	KR0E21AE
		Dilution Factor: 1		Analysis Time..: 21:09	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8213086	MDL.....: 0.047	
Aluminum	3700	25.3	mg/kg	SW846 6010B	07/31-08/11/08	KR0E21AF
		Dilution Factor: 1		Analysis Time..: 21:09	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8213086	MDL.....: 1.8	
Arsenic	5.2	1.3	mg/kg	SW846 6010B	07/31-08/11/08	KR0E21AG
		Dilution Factor: 1		Analysis Time..: 21:09	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8213086	MDL.....: 0.29	
Barium	68.6	25.3	mg/kg	SW846 6010B	07/31-08/11/08	KR0E21AH
		Dilution Factor: 1		Analysis Time..: 21:09	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8213086	MDL.....: 0.046	
Beryllium	0.24 B J	0.51	mg/kg	SW846 6010B	07/31-08/11/08	KR0E21AJ
		Dilution Factor: 1		Analysis Time..: 21:09	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8213086	MDL.....: 0.039	
Calcium	9910	632	mg/kg	SW846 6010B	07/31-08/11/08	KR0E21AK
		Dilution Factor: 1		Analysis Time..: 21:09	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8213086	MDL.....: 31.8	
Cadmium	0.19 B J	0.63	mg/kg	SW846 6010B	07/31-08/11/08	KR0E21AL
		Dilution Factor: 1		Analysis Time..: 21:09	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8213086	MDL.....: 0.059	
Cobalt	3.3 B J	6.3	mg/kg	SW846 6010B	07/31-08/11/08	KR0E21AM
		Dilution Factor: 1		Analysis Time..: 21:09	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8213086	MDL.....: 0.054	
Chromium	6.8	0.63	mg/kg	SW846 6010B	07/31-08/11/08	KR0E21AN
		Dilution Factor: 1		Analysis Time..: 21:09	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8213086	MDL.....: 0.10	

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ENSR International

Client Sample ID: SB50(14.5-15)

TOTAL Metals

Lot-Sample #...: C8G220214-001 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Copper	28.4	3.2	mg/kg	SW846 6010B	07/31-08/11/08	KR0E21AP
		Dilution Factor: 1		Analysis Time..: 21:09	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8213086	MDL.....: 0.18	
Iron	17200	12.6	mg/kg	SW846 6010B	07/31-08/11/08	KR0E21AQ
		Dilution Factor: 1		Analysis Time..: 21:09	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8213086	MDL.....: 3.8	
Potassium	499 B J	632	mg/kg	SW846 6010B	07/31-08/11/08	KR0E21AR
		Dilution Factor: 1		Analysis Time..: 21:09	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8213086	MDL.....: 63.2	
Magnesium	1400	632	mg/kg	SW846 6010B	07/31-08/11/08	KR0E21AT
		Dilution Factor: 1		Analysis Time..: 21:09	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8213086	MDL.....: 1.7	
Manganese	99.8	1.9	mg/kg	SW846 6010B	07/31-08/11/08	KR0E21AU
		Dilution Factor: 1		Analysis Time..: 21:09	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8213086	MDL.....: 0.034	
Sodium	759	632	mg/kg	SW846 6010B	07/31-08/11/08	KR0E21AV
		Dilution Factor: 1		Analysis Time..: 21:09	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8213086	MDL.....: 17.6	
Nickel	6.5	5.1	mg/kg	SW846 6010B	07/31-08/11/08	KR0E21AW
		Dilution Factor: 1		Analysis Time..: 21:09	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8213086	MDL.....: 0.13	
Lead	385	0.38	mg/kg	SW846 6010B	07/31-08/11/08	KR0E21AX
		Dilution Factor: 1		Analysis Time..: 21:09	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8213086	MDL.....: 0.20	
Selenium	0.83	0.63	mg/kg	SW846 6010B	07/31-08/11/08	KR0E21A0
		Dilution Factor: 1		Analysis Time..: 21:09	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8213086	MDL.....: 0.36	
Thallium	0.56 B J	1.3	mg/kg	SW846 6010B	07/31-08/11/08	KR0E21A1
		Dilution Factor: 1		Analysis Time..: 21:09	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8213086	MDL.....: 0.41	

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ENSR International

Client Sample ID: SB50(14.5-15)

TOTAL Metals

Lot-Sample #...: C8G220214-001 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	0.23 B J	1.3	mg/kg	SW846 6010B	07/31-08/11/08	KR0E21A2
		Dilution Factor: 1		Analysis Time..: 21:09	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8213086	MDL.....: 0.12	
Vanadium	10.0	6.3	mg/kg	SW846 6010B	07/31-08/11/08	KR0E21A3
		Dilution Factor: 1		Analysis Time..: 21:09	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8213086	MDL.....: 0.33	
Zinc	129 J	2.5	mg/kg	SW846 6010B	07/31-08/11/08	KR0E21A4
		Dilution Factor: 1		Analysis Time..: 21:09	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8213086	MDL.....: 0.44	
Prep Batch #...: 8217026						
Mercury	1.5	0.042	mg/kg	SW846 7471A	08/04/08	KR0E21A5
		Dilution Factor: 1		Analysis Time..: 09:54	Analyst ID.....: 031043	
		Instrument ID..: HGHYDRA		MS Run #.....: 8217018	MDL.....: 0.0090	

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.

ENSR International

Client Sample ID: SB50(22-24)

GC/MS Volatiles

Lot-Sample #...:	C8G220214-002	**Work Order #...:**	KR0FC1AK	**Matrix.....:**	SO
Date Sampled...:	07/17/08	**Date Received..:**	07/22/08	**MS Run #.....:**	8207029
Prep Date.....:	07/25/08	**Analysis Date..:**	07/25/08		
Prep Batch #...:	8207048	**Analysis Time..:**	14:57		
Dilution Factor:	1	**Initial Wgt/Vol:**	5 g	**Final Wgt/Vol..:**	5 mL
% Moisture.....:	25	**Analyst ID.....:**	010099	**Instrument ID..:**	HP3
		Method.....:	SW846 8260B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	**30 U**	**27**	**ug/kg**	**6.6**
Benzene	**42**	**6.6**	**ug/kg**	**0.90**
Bromodichloromethane	ND	6.6	ug/kg	0.75
Bromoform	ND	6.6	ug/kg	0.59
Bromomethane	ND	6.6	ug/kg	0.98
2-Butanone	ND	6.6	ug/kg	1.2
Carbon disulfide	ND	6.6	ug/kg	0.68
Carbon tetrachloride	ND	6.6	ug/kg	0.59
Chlorobenzene	ND	6.6	ug/kg	1.0
Chloroethane	~~ND~~ 6.6 UJ	6.6	ug/kg	2.1
Chloroform	ND	6.6	ug/kg	0.78
Chloromethane	ND	6.6	ug/kg	1.1
Cyclohexane	ND	6.6	ug/kg	0.49
Dibromochloromethane	~~ND~~ 6.6 UJ	6.6	ug/kg	0.94
1,2-Dibromo-3-chloro-propane	ND	6.6	ug/kg	0.99
1,2-Dibromoethane	ND	6.6	ug/kg	1.1
1,3-Dichlorobenzene	ND	6.6	ug/kg	0.87
1,4-Dichlorobenzene	ND	6.6	ug/kg	0.85
1,2-Dichlorobenzene	ND	6.6	ug/kg	1.1
Dichlorodifluoromethane	ND	6.6	ug/kg	0.88
1,1-Dichloroethane	ND	6.6	ug/kg	0.76
1,2-Dichloroethane	ND	6.6	ug/kg	0.81
1,1-Dichloroethene	ND	6.6	ug/kg	1.1
cis-1,2-Dichloroethene	ND	6.6	ug/kg	0.93
trans-1,2-Dichloroethene	ND	6.6	ug/kg	0.79
1,2-Dichloropropane	ND	6.6	ug/kg	0.72
cis-1,3-Dichloropropene	ND	6.6	ug/kg	0.90
trans-1,3-Dichloropropene	ND	6.6	ug/kg	0.79
Ethylbenzene	**200**	**6.6**	**ug/kg**	**0.85**
2-Hexanone	ND	6.6	ug/kg	0.92
Isopropylbenzene	**7.1**	**6.6**	**ug/kg**	**0.90**
Methyl acetate	ND	6.6	ug/kg	1.2
Methylene chloride	~~2.7 J~~ 6.6 U	**6.6**	**ug/kg**	**0.89**
Methylcyclohexane	ND	6.6	ug/kg	0.96
4-Methyl-2-pentanone	ND	6.6	ug/kg	0.87
Methyl tert-butyl ether	ND	6.6	ug/kg	0.99

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ENSR International

Client Sample ID: SB50(22-24)

GC/MS Volatiles

Lot-Sample #...: C8G220214-002 **Work Order #...:** KR0FC1AK **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Styrene	ND	6.6	ug/kg	0.71
1,1,2,2-Tetrachloroethane	ND	6.6	ug/kg	0.95
1,2,4-Trichloro-benzene	ND	6.6	ug/kg	1.2
Tetrachloroethene	~~ND~~ 6.6 UJ	6.6	ug/kg	0.90
1,1,1-Trichloroethane	ND	6.6	ug/kg	0.65
1,1,2-Trichloroethane	ND	6.6	ug/kg	1.1
Trichloroethene	ND	6.6	ug/kg	0.87
Trichlorofluoromethane	~~ND~~ 6.6 UJ	6.6	ug/kg	1.2
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	6.6	ug/kg	1.4
Vinyl chloride	ND	6.6	ug/kg	0.62
Xylenes (total)	**200**	**20**	**ug/kg**	**3.0**
Toluene	**5.8 J**	**6.6**	**ug/kg**	**0.97**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	100	(52 - 124)
Toluene-d8	98	(72 - 127)
4-Bromofluorobenzene	94	(63 - 120)
Dibromofluoromethane	89	(68 - 121)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

ENSR International

Client Sample ID: SB50(22-24)

GC/MS Semivolatiles

Lot-Sample #...:	C8G220214-002	**Work Order #...:**	KR0FC1AL	**Matrix.....:**	SO
Date Sampled...:	07/17/08 14:20	**Date Received..:**	07/22/08 10:00	**MS Run #.....:**	8207007
Prep Date.....:	07/25/08	**Analysis Date..:**	07/28/08		
Prep Batch #...:	8207015	**Analysis Time..:**	02:39		
Dilution Factor:	0.99	**Initial Wgt/Vol:**	15.2 g	**Final Wgt/Vol..:**	5 mL
% Moisture.....:	25	**Analyst ID.....:**	003200	**Instrument ID..:**	731
		Method.....:	SW846 8270C		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	430	ug/kg	23
Acenaphthylene	ND	430	ug/kg	25
Acetophenone	ND	430	ug/kg	26
Anthracene	ND	430	ug/kg	25
Atrazine	ND	430	ug/kg	30
Benzo(a)anthracene	ND	430	ug/kg	17
Benzo(a)pyrene	ND	430	ug/kg	13
Benzo(b)fluoranthene	ND	430	ug/kg	17
Benzo(ghi)perylene	ND	430	ug/kg	15
Benzo(k)fluoranthene	ND	430	ug/kg	14
Benzaldehyde	ND 430 UJ	430	ug/kg	46
1,1'-Biphenyl	ND	430	ug/kg	24
bis(2-Chloroethoxy) methane	ND	430	ug/kg	20
bis(2-Chloroethyl)-ether	ND	430	ug/kg	9.8
bis(2-Ethylhexyl) phthalate	ND	430	ug/kg	33
4-Bromophenyl phenyl ether	ND	430	ug/kg	20
Butyl benzyl phthalate	ND	430	ug/kg	35
Caprolactam	ND	430	ug/kg	83
Carbazole	ND	430	ug/kg	18
4-Chloroaniline	ND	430	ug/kg	38
4-Chloro-3-methylphenol	ND	430	ug/kg	27
2-Chloronaphthalene	ND	430	ug/kg	25
2-Chlorophenol	ND	430	ug/kg	22
4-Chlorophenyl phenyl ether	ND	430	ug/kg	22
Chrysene	ND	430	ug/kg	17
Dibenz(a,h)anthracene	ND	430	ug/kg	28
Dibenzofuran	ND	430	ug/kg	24
3,3'-Dichlorobenzidine	ND	2100	ug/kg	98
2,4-Dichlorophenol	ND	430	ug/kg	13
Diethyl phthalate	ND	430	ug/kg	39
2,4-Dimethylphenol	ND	430	ug/kg	19
Dimethyl phthalate	ND	430	ug/kg	25

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ENSR International

Client Sample ID: SB50(22-24)

GC/MS Semivolatiles

Lot-Sample #...: C8G220214-002 **Work Order #...:** KR0FC1AL **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-butyl phthalate	ND	430	ug/kg	72
4,6-Dinitro-2-methylphenol	ND	2100	ug/kg	310
2,4-Dinitrophenol	ND	2100	ug/kg	520
2,4-Dinitrotoluene	ND	430	ug/kg	23
2,6-Dinitrotoluene	ND	430	ug/kg	28
Di-n-octyl phthalate	ND	430	ug/kg	30
Fluoranthene	ND	430	ug/kg	28
Fluorene	ND	430	ug/kg	21
Hexachlorobenzene	ND	430	ug/kg	26
Hexachlorobutadiene	ND	430	ug/kg	27
Hexachlorocyclopentadiene	ND	2100	ug/kg	20
Hexachloroethane	ND	430	ug/kg	19
Indeno(1,2,3-cd)pyrene	ND	430	ug/kg	15
Isophorone	ND	430	ug/kg	24
2-Methylnaphthalene	**150 J**	**430**	**ug/kg**	**24**
2-Methylphenol	ND	430	ug/kg	27
4-Methylphenol	ND	430	ug/kg	27
Naphthalene	**5200**	**430**	**ug/kg**	**21**
2-Nitroaniline	ND	2100	ug/kg	26
3-Nitroaniline	ND	2100	ug/kg	37
4-Nitroaniline	ND	2100	ug/kg	18
Nitrobenzene	ND	430	ug/kg	11
2-Nitrophenol	ND	430	ug/kg	35
4-Nitrophenol	ND	2100	ug/kg	34
N-Nitrosodi-n-propylamine	ND	430	ug/kg	11
N-Nitrosodiphenylamine	ND	430	ug/kg	24
2,2'-oxybis (1-Chloropropane)	ND	430	ug/kg	26
Pentachlorophenol	ND	2100	ug/kg	32
Phenanthrene	ND	430	ug/kg	21
Phenol	ND	430	ug/kg	26
Pyrene	ND	430	ug/kg	27
2,4,5-Trichlorophenol	ND	430	ug/kg	36
2,4,6-Trichlorophenol	ND	430	ug/kg	35

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ENSR International

Client Sample ID: SB50(22-24)

GC/MS Semivolatiles

Lot-Sample #...: C8G220214-002 Work Order #...: KR0FC1AL Matrix.....: SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	62	(10 - 117)
2-Fluorobiphenyl	67	(20 - 109)
2-Fluorophenol	65	(10 - 113)
Nitrobenzene-d5	68	(18 - 106)
Phenol-d5	70	(18 - 113)
Terphenyl-d14	63	(10 - 138)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

ENSR International

Client Sample ID: SB50(22-24)

TOTAL Metals

Lot-Sample #...: C8G220214-002 Matrix.....: SO
Date Sampled...: 07/17/08 Date Received..: 07/22/08
% Moisture.....: 25

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8213170						
Silver	ND U J	0.66	mg/kg	SW846 6010B	07/31-08/11/08	KR0FC1AM
		Dilution Factor: 1		Analysis Time..: 21:14	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8213086	MDL.....: 0.049	
Aluminum	**9720**	**26.6**	**mg/kg**	**SW846 6010B**	**07/31-08/11/08**	**KR0FC1AN**
		Dilution Factor: 1		Analysis Time..: 21:14	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8213086	MDL.....: 1.9	
Arsenic	**1.2 B J**	**1.3**	**mg/kg**	**SW846 6010B**	**07/31-08/11/08**	**KR0FC1AP**
		Dilution Factor: 1		Analysis Time..: 21:14	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8213086	MDL.....: 0.30	
Barium	**53.7**	**26.6**	**mg/kg**	**SW846 6010B**	**07/31-08/11/08**	**KR0FC1AQ**
		Dilution Factor: 1		Analysis Time..: 21:14	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8213086	MDL.....: 0.048	
Beryllium	**0.80**	**0.53**	**mg/kg**	**SW846 6010B**	**07/31-08/11/08**	**KR0FC1AR**
		Dilution Factor: 1		Analysis Time..: 21:14	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8213086	MDL.....: 0.041	
Calcium	**2280**	**664**	**mg/kg**	**SW846 6010B**	**07/31-08/11/08**	**KR0FC1AT**
		Dilution Factor: 1		Analysis Time..: 21:14	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8213086	MDL.....: 33.4	
Cadmium	**0.26 B J**	**0.66**	**mg/kg**	**SW846 6010B**	**07/31-08/11/08**	**KR0FC1AU**
		Dilution Factor: 1		Analysis Time..: 21:14	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8213086	MDL.....: 0.062	
Cobalt	**7.6**	**6.6**	**mg/kg**	**SW846 6010B**	**07/31-08/11/08**	**KR0FC1AV**
		Dilution Factor: 1		Analysis Time..: 21:14	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8213086	MDL.....: 0.057	
Chromium	**15.0**	**0.66**	**mg/kg**	**SW846 6010B**	**07/31-08/11/08**	**KR0FC1AW**
		Dilution Factor: 1		Analysis Time..: 21:14	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8213086	MDL.....: 0.11	

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ENSR International

Client Sample ID: SB50(22-24)

TOTAL Metals

Lot-Sample #...: C8G220214-002 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Copper	17.4	3.3	mg/kg	SW846 6010B	07/31-08/11/08	KR0FC1AX
		Dilution Factor: 1		Analysis Time..: 21:14	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8213086	MDL.....: 0.19	
Iron	19900	13.3	mg/kg	SW846 6010B	07/31-08/11/08	KR0FC1A0
		Dilution Factor: 1		Analysis Time..: 21:14	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8213086	MDL.....: 4.0	
Potassium	1060	664	mg/kg	SW846 6010B	07/31-08/11/08	KR0FC1A1
		Dilution Factor: 1		Analysis Time..: 21:14	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8213086	MDL.....: 66.4	
Magnesium	3340	664	mg/kg	SW846 6010B	07/31-08/11/08	KR0FC1A2
		Dilution Factor: 1		Analysis Time..: 21:14	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8213086	MDL.....: 1.7	
Manganese	119	2.0	mg/kg	SW846 6010B	07/31-08/11/08	KR0FC1A3
		Dilution Factor: 1		Analysis Time..: 21:14	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8213086	MDL.....: 0.036	
Sodium	756	664	mg/kg	SW846 6010B	07/31-08/11/08	KR0FC1A4
		Dilution Factor: 1		Analysis Time..: 21:14	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8213086	MDL.....: 18.5	
Nickel	19.5	5.3	mg/kg	SW846 6010B	07/31-08/11/08	KR0FC1A5
		Dilution Factor: 1		Analysis Time..: 21:14	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8213086	MDL.....: 0.14	
Lead	10.3	0.40	mg/kg	SW846 6010B	07/31-08/11/08	KR0FC1A6
		Dilution Factor: 1		Analysis Time..: 21:14	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8213086	MDL.....: 0.21	
Selenium	0.62 B J	0.66	mg/kg	SW846 6010B	07/31-08/11/08	KR0FC1AA
		Dilution Factor: 1		Analysis Time..: 21:14	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8213086	MDL.....: 0.38	
Thallium	0.68 B J	1.3	mg/kg	SW846 6010B	07/31-08/11/08	KR0FC1AC
		Dilution Factor: 1		Analysis Time..: 21:14	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8213086	MDL.....: 0.43	

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ENSR International

Client Sample ID: SB50(22-24)

TOTAL Metals

Lot-Sample #...: C8G220214-002 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	ND	1.3	mg/kg	SW846 6010B	07/31-08/11/08	KR0FC1AD
	Dilution Factor: 1			Analysis Time..: 21:14	Analyst ID.....: 022952	
	Instrument ID..: TRACEICP			MS Run #.....: 8213086	MDL.....: 0.12	
Vanadium	**23.2**	**6.6**	**mg/kg**	**SW846 6010B**	**07/31-08/11/08**	**KR0FC1AE**
	Dilution Factor: 1			Analysis Time..: 21:14	Analyst ID.....: 022952	
	Instrument ID..: TRACEICP			MS Run #.....: 8213086	MDL.....: 0.34	
Zinc	**61.5 J**	**2.7**	**mg/kg**	**SW846 6010B**	**07/31-08/11/08**	**KR0FC1AF**
	Dilution Factor: 1			Analysis Time..: 21:14	Analyst ID.....: 022952	
	Instrument ID..: TRACEICP			MS Run #.....: 8213086	MDL.....: 0.46	
Prep Batch #...: 8217026						
Mercury	**0.013 B J**	**0.044**	**mg/kg**	**SW846 7471A**	**08/04/08**	**KR0FC1AG**
	Dilution Factor: 1			Analysis Time..: 09:58	Analyst ID.....: 031043	
	Instrument ID..: HGHYDRA			MS Run #.....: 8217018	MDL.....: 0.0094	

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.

ENSR International

Client Sample ID: SB50(24-26)

GC/MS Volatiles

Lot-Sample #...:	C8G220214-003	**Work Order #...:**	KR0FG1AK	**Matrix.....:**	SO
Date Sampled...:	07/17/08	**Date Received..:**	07/22/08	**MS Run #.....:**	8210034
Prep Date.....:	07/28/08	**Analysis Date..:**	07/28/08		
Prep Batch #...:	8210064	**Analysis Time..:**	11:34		
Dilution Factor:	1	**Initial Wgt/Vol:**	5 g	**Final Wgt/Vol..:**	5 mL
% Moisture.....:	17	**Analyst ID.....:**	010099	**Instrument ID..:**	HP3
		Method.....:	SW846 8260B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	~~6.1 J~~ 24 U	**24**	**ug/kg**	**6.0**
Benzene	ND	6.0	ug/kg	0.81
Bromodichloromethane	ND	6.0	ug/kg	0.68
Bromoform	ND	6.0	ug/kg	0.53
Bromomethane	ND	6.0	ug/kg	0.89
2-Butanone	ND	6.0	ug/kg	1.1
Carbon disulfide	ND	6.0	ug/kg	0.62
Carbon tetrachloride	ND	6.0	ug/kg	0.54
Chlorobenzene	ND	6.0	ug/kg	0.91
Chloroethane	~~ND~~ 6.0 UJ	6.0	ug/kg	1.9
Chloroform	ND	6.0	ug/kg	0.71
Chloromethane	ND	6.0	ug/kg	1.0
Cyclohexane	ND	6.0	ug/kg	0.45
Dibromochloromethane	ND	6.0	ug/kg	0.86
1,2-Dibromo-3-chloro-propane	ND	6.0	ug/kg	0.90
1,2-Dibromoethane	ND	6.0	ug/kg	1.0
1,3-Dichlorobenzene	ND	6.0	ug/kg	0.79
1,4-Dichlorobenzene	ND	6.0	ug/kg	0.77
1,2-Dichlorobenzene	ND	6.0	ug/kg	0.96
Dichlorodifluoromethane	ND	6.0	ug/kg	0.80
1,1-Dichloroethane	ND	6.0	ug/kg	0.69
1,2-Dichloroethane	ND	6.0	ug/kg	0.74
1,1-Dichloroethene	ND	6.0	ug/kg	1.0
cis-1,2-Dichloroethene	ND	6.0	ug/kg	0.85
trans-1,2-Dichloroethene	ND	6.0	ug/kg	0.72
1,2-Dichloropropane	ND	6.0	ug/kg	0.65
cis-1,3-Dichloropropene	ND	6.0	ug/kg	0.82
trans-1,3-Dichloropropene	ND	6.0	ug/kg	0.72
Ethylbenzene	ND	6.0	ug/kg	0.77
2-Hexanone	ND	6.0	ug/kg	0.83
Isopropylbenzene	ND	6.0	ug/kg	0.82
Methyl acetate	ND	6.0	ug/kg	1.1
Methylene chloride	~~1.8 J~~ 6.0 U	**6.0**	**ug/kg**	**0.81**
Methylcyclohexane	ND	6.0	ug/kg	0.87
4-Methyl-2-pentanone	ND	6.0	ug/kg	0.79
Methyl tert-butyl ether	ND	6.0	ug/kg	0.90

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ENSR International

Client Sample ID: SB50(24-26)

GC/MS Volatiles

Lot-Sample #...: C8G220214-003 Work Order #...: KR0FG1AK Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Styrene	ND	6.0	ug/kg	0.64
1,1,2,2-Tetrachloroethane	ND	6.0	ug/kg	0.87
1,2,4-Trichloro-benzene	ND	6.0	ug/kg	1.1
Tetrachloroethene	ND	6.0	ug/kg	0.82
1,1,1-Trichloroethane	ND	6.0	ug/kg	0.59
1,1,2-Trichloroethane	ND	6.0	ug/kg	1.0
Trichloroethene	ND	6.0	ug/kg	0.79
Trichlorofluoromethane	ND	6.0	ug/kg	1.1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	6.0	ug/kg	1.3
Vinyl chloride	ND	6.0	ug/kg	0.57
Xylenes (total)	ND	18	ug/kg	2.7
Toluene	ND	6.0	ug/kg	0.88

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	96	(52 - 124)
Toluene-d8	97	(72 - 127)
4-Bromofluorobenzene	95	(63 - 120)
Dibromofluoromethane	90	(68 - 121)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

ENSR International

Client Sample ID: SB50(24-26)

GC/MS Semivolatiles

Lot-Sample #...:	C8G220214-003	**Work Order #...:**	KR0FG1AL	**Matrix.....:**	SO
Date Sampled...:	07/17/08 14:30	**Date Received..:**	07/22/08 10:00	**MS Run #.....:**	8207007
Prep Date.....:	07/25/08	**Analysis Date..:**	07/28/08		
Prep Batch #...:	8207015	**Analysis Time..:**	03:01		
Dilution Factor:	1	**Initial Wgt/Vol:**	15 g	**Final Wgt/Vol..:**	5 mL
% Moisture.....:	17	**Analyst ID.....:**	003200	**Instrument ID..:**	731
		Method.....:	SW846 8270C		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	400	ug/kg	21
Acenaphthylene	ND	400	ug/kg	23
Acetophenone	ND	400	ug/kg	24
Anthracene	ND	400	ug/kg	23
Atrazine	ND	400	ug/kg	28
Benzo(a)anthracene	**32 J**	**400**	**ug/kg**	**16**
Benzo(a)pyrene	**35 J**	**400**	**ug/kg**	**12**
Benzo(b)fluoranthene	**44 J**	**400**	**ug/kg**	**15**
Benzo(ghi)perylene	**23 J**	**400**	**ug/kg**	**14**
Benzo(k)fluoranthene	ND	400	ug/kg	13
Benzaldehyde	ND 400 UJ	400	ug/kg	42
1,1'-Biphenyl	ND	400	ug/kg	22
bis(2-Chloroethoxy) methane	ND	400	ug/kg	19
bis(2-Chloroethyl)-ether	ND	400	ug/kg	9.0
bis(2-Ethylhexyl) phthalate	**170 J**	**400**	**ug/kg**	**31**
4-Bromophenyl phenyl ether	ND	400	ug/kg	18
Butyl benzyl phthalate	ND	400	ug/kg	32
Caprolactam	ND	400	ug/kg	76
Carbazole	ND	400	ug/kg	16
4-Chloroaniline	ND	400	ug/kg	34
4-Chloro-3-methylphenol	ND	400	ug/kg	24
2-Chloronaphthalene	ND	400	ug/kg	23
2-Chlorophenol	ND	400	ug/kg	20
4-Chlorophenyl phenyl ether	ND	400	ug/kg	20
Chrysene	**31 J**	**400**	**ug/kg**	**16**
Dibenz(a,h)anthracene	ND	400	ug/kg	25
Dibenzofuran	ND	400	ug/kg	22
3,3'-Dichlorobenzidine	ND	1900	ug/kg	90
2,4-Dichlorophenol	ND	400	ug/kg	12
Diethyl phthalate	ND	400	ug/kg	36
2,4-Dimethylphenol	ND	400	ug/kg	17
Dimethyl phthalate	ND	400	ug/kg	23

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ENSR International

Client Sample ID: SB50(24-26)

GC/MS Semivolatiles

Lot-Sample #...: C8G220214-003 **Work Order #...:** KR0FG1AL **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-butyl phthalate	ND	400	ug/kg	66
4,6-Dinitro-2-methylphenol	ND	1900	ug/kg	280
2,4-Dinitrophenol	ND	1900	ug/kg	470
2,4-Dinitrotoluene	ND	400	ug/kg	21
2,6-Dinitrotoluene	ND	400	ug/kg	26
Di-n-octyl phthalate	ND	400	ug/kg	28
Fluoranthene	**48 J**	**400**	**ug/kg**	**26**
Fluorene	ND	400	ug/kg	19
Hexachlorobenzene	ND	400	ug/kg	24
Hexachlorobutadiene	ND	400	ug/kg	24
Hexachlorocyclopentadiene	ND	1900	ug/kg	18
Hexachloroethane	ND	400	ug/kg	18
Indeno(1,2,3-cd)pyrene	**17 J**	**400**	**ug/kg**	**14**
Isophorone	ND	400	ug/kg	22
2-Methylnaphthalene	**49 J**	**400**	**ug/kg**	**22**
2-Methylphenol	ND	400	ug/kg	25
4-Methylphenol	ND	400	ug/kg	25
Naphthalene	**270 J**	**400**	**ug/kg**	**19**
2-Nitroaniline	ND	1900	ug/kg	24
3-Nitroaniline	ND	1900	ug/kg	34
4-Nitroaniline	ND	1900	ug/kg	17
Nitrobenzene	ND	400	ug/kg	9.9
2-Nitrophenol	ND	400	ug/kg	32
4-Nitrophenol	ND	1900	ug/kg	31
N-Nitrosodi-n-propylamine	ND	400	ug/kg	9.8
N-Nitrosodiphenylamine	ND	400	ug/kg	22
2,2'-oxybis(1-Chloropropane)	ND	400	ug/kg	24
Pentachlorophenol	ND	1900	ug/kg	30
Phenanthrene	**31 J**	**400**	**ug/kg**	**19**
Phenol	ND	400	ug/kg	24
Pyrene	**51 J**	**400**	**ug/kg**	**24**
2,4,5-Trichlorophenol	ND	400	ug/kg	33
2,4,6-Trichlorophenol	ND	400	ug/kg	32

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ENSR International

Client Sample ID: SB50(24-26)

GC/MS Semivolatiles

Lot-Sample #...: C8G220214-003 **Work Order #...:** KR0FG1AL **Matrix.....:** SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	57	(10 - 117)
2-Fluorobiphenyl	62	(20 - 109)
2-Fluorophenol	56	(10 - 113)
Nitrobenzene-d5	60	(18 - 106)
Phenol-d5	61	(18 - 113)
Terphenyl-d14	58	(10 - 138)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

ENSR International

Client Sample ID: SB50(24-26)

TOTAL Metals

Lot-Sample #...: C8G220214-003 Matrix.....: SO
Date Sampled...: 07/17/08 Date Received..: 07/22/08
% Moisture.....: 17

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8213170						
Silver	ND UJ	0.60	mg/kg	SW846 6010B	07/31-08/11/08	KR0FG1AM
		Dilution Factor: 1		Analysis Time..: 21:20	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8213086	MDL.....: 0.045	
Aluminum	2390	24.1	mg/kg	SW846 6010B	07/31-08/11/08	KR0FG1AN
		Dilution Factor: 1		Analysis Time..: 21:20	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8213086	MDL.....: 1.7	
Arsenic	0.82 B J	1.2	mg/kg	SW846 6010B	07/31-08/11/08	KR0FG1AP
		Dilution Factor: 1		Analysis Time..: 21:20	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8213086	MDL.....: 0.28	
Barium	11.5 B J	24.1	mg/kg	SW846 6010B	07/31-08/11/08	KR0FG1AQ
		Dilution Factor: 1		Analysis Time..: 21:20	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8213086	MDL.....: 0.044	
Beryllium	0.19 B J	0.48	mg/kg	SW846 6010B	07/31-08/11/08	KR0FG1AR
		Dilution Factor: 1		Analysis Time..: 21:20	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8213086	MDL.....: 0.037	
Calcium	1620	603	mg/kg	SW846 6010B	07/31-08/11/08	KR0FG1AT
		Dilution Factor: 1		Analysis Time..: 21:20	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8213086	MDL.....: 30.3	
Cadmium	ND	0.60	mg/kg	SW846 6010B	07/31-08/11/08	KR0FG1AU
		Dilution Factor: 1		Analysis Time..: 21:20	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8213086	MDL.....: 0.057	
Cobalt	2.1 B J	6.0	mg/kg	SW846 6010B	07/31-08/11/08	KR0FG1AV
		Dilution Factor: 1		Analysis Time..: 21:20	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8213086	MDL.....: 0.052	
Chromium	4.7	0.60	mg/kg	SW846 6010B	07/31-08/11/08	KR0FG1AW
		Dilution Factor: 1		Analysis Time..: 21:20	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8213086	MDL.....: 0.099	

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ENSR International

Client Sample ID: SB50(24-26)

TOTAL Metals

Lot-Sample #...: C8G220214-003 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Copper	5.2	3.0	mg/kg	SW846 6010B	07/31-08/11/08	KR0FG1AX
		Dilution Factor: 1		Analysis Time..: 21:20	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8213086	MDL.....: 0.17	
Iron	6390	12.1	mg/kg	SW846 6010B	07/31-08/11/08	KR0FG1A0
		Dilution Factor: 1		Analysis Time..: 21:20	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8213086	MDL.....: 3.6	
Potassium	366 B J	603	mg/kg	SW846 6010B	07/31-08/11/08	KR0FG1A1
		Dilution Factor: 1		Analysis Time..: 21:20	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8213086	MDL.....: 60.3	
Magnesium	1050	603	mg/kg	SW846 6010B	07/31-08/11/08	KR0FG1A2
		Dilution Factor: 1		Analysis Time..: 21:20	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8213086	MDL.....: 1.6	
Manganese	82.7	1.8	mg/kg	SW846 6010B	07/31-08/11/08	KR0FG1A3
		Dilution Factor: 1		Analysis Time..: 21:20	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8213086	MDL.....: 0.032	
Sodium	279 B J	603	mg/kg	SW846 6010B	07/31-08/11/08	KR0FG1A4
		Dilution Factor: 1		Analysis Time..: 21:20	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8213086	MDL.....: 16.8	
Nickel	4.8	4.8	mg/kg	SW846 6010B	07/31-08/11/08	KR0FG1A5
		Dilution Factor: 1		Analysis Time..: 21:20	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8213086	MDL.....: 0.13	
Lead	18.5	0.36	mg/kg	SW846 6010B	07/31-08/11/08	KR0FG1A6
		Dilution Factor: 1		Analysis Time..: 21:20	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8213086	MDL.....: 0.19	
Selenium	ND	0.60	mg/kg	SW846 6010B	07/31-08/11/08	KR0FG1AA
		Dilution Factor: 1		Analysis Time..: 21:20	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8213086	MDL.....: 0.35	
Thallium	ND	1.2	mg/kg	SW846 6010B	07/31-08/11/08	KR0FG1AC
		Dilution Factor: 1		Analysis Time..: 21:20	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8213086	MDL.....: 0.39	

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ENSR International

Client Sample ID: SB50(24-26)

TOTAL Metals

Lot-Sample #...: C8G220214-003 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	0.14 B J	1.2	mg/kg	SW846 6010B	07/31-08/11/08	KR0FG1AD
	Dilution Factor: 1	Analysis Time..: 21:20		Analyst ID.....: 022952		
	Instrument ID..: TRACEICP	MS Run #.....: 8213086		MDL.....: 0.11		
Vanadium	6.6	6.0	mg/kg	SW846 6010B	07/31-08/11/08	KR0FG1AE
	Dilution Factor: 1	Analysis Time..: 21:20		Analyst ID.....: 022952		
	Instrument ID..: TRACEICP	MS Run #.....: 8213086		MDL.....: 0.31		
Zinc	21.7 J	2.4	mg/kg	SW846 6010B	07/31-08/11/08	KR0FG1AF
	Dilution Factor: 1	Analysis Time..: 21:20		Analyst ID.....: 022952		
	Instrument ID..: TRACEICP	MS Run #.....: 8213086		MDL.....: 0.42		
Prep Batch #...: 8217026						
Mercury	0.068	0.040	mg/kg	SW846 7471A	08/04/08	KR0FG1AG
	Dilution Factor: 1	Analysis Time..: 10:04		Analyst ID.....: 031043		
	Instrument ID..: HGHYDRA	MS Run #.....: 8217018		MDL.....: 0.0086		

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.

AECOM, Inc

Client Sample ID: SB50(80-81)

GC/MS Volatiles

Lot-Sample #...: C8G260118-001	Work Order #...: KR7VJ1AC	Matrix.....: SO	
Date Sampled...: 07/22/08	Date Received..: 07/26/08	MS Run #.....: 8210034	
Prep Date.....: 07/28/08	Analysis Date..: 07/28/08		
Prep Batch #...: 8210064	Analysis Time..: 11:58		
Dilution Factor: 1	Initial Wgt/Vol: 5 g	Final Wgt/Vol..: 5 mL	
% Moisture.....: 16	Analyst ID.....: 010099	Instrument ID..: HP3	
	Method.....: SW846 8260B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	**72 U**	**24**	**ug/kg**	**5.9**
Benzene	ND	5.9	ug/kg	0.80
Bromodichloromethane	ND	5.9	ug/kg	0.66
Bromoform	ND	5.9	ug/kg	0.52
Bromomethane	ND	5.9	ug/kg	0.88
2-Butanone	ND	5.9	ug/kg	1.0
Carbon disulfide	ND	5.9	ug/kg	0.61
Carbon tetrachloride	ND	5.9	ug/kg	0.53
Chlorobenzene	ND	5.9	ug/kg	0.90
Chloroethane	ND 5.9 UJ	5.9	ug/kg	1.8
Chloroform	ND	5.9	ug/kg	0.69
Chloromethane	ND	5.9	ug/kg	1.0
Cyclohexane	ND	5.9	ug/kg	0.44
Dibromochloromethane	ND	5.9	ug/kg	0.84
1,2-Dibromo-3-chloro-propane	ND	5.9	ug/kg	0.89
1,2-Dibromoethane	ND	5.9	ug/kg	1.0
1,3-Dichlorobenzene	ND	5.9	ug/kg	0.78
1,4-Dichlorobenzene	ND	5.9	ug/kg	0.75
1,2-Dichlorobenzene	ND	5.9	ug/kg	0.94
Dichlorodifluoromethane	ND	5.9	ug/kg	0.79
1,1-Dichloroethane	ND	5.9	ug/kg	0.68
1,2-Dichloroethane	ND	5.9	ug/kg	0.73
1,1-Dichloroethene	ND	5.9	ug/kg	1.0
cis-1,2-Dichloroethene	ND	5.9	ug/kg	0.83
trans-1,2-Dichloroethene	ND	5.9	ug/kg	0.71
1,2-Dichloropropane	ND	5.9	ug/kg	0.64
cis-1,3-Dichloropropene	ND	5.9	ug/kg	0.80
trans-1,3-Dichloropropene	ND	5.9	ug/kg	0.71
Ethylbenzene	ND	5.9	ug/kg	0.76
2-Hexanone	ND	5.9	ug/kg	0.82
Isopropylbenzene	ND	5.9	ug/kg	0.80
Methyl acetate	ND	5.9	ug/kg	1.1
Methylene chloride	**240 U**	**5.9**	**ug/kg**	**0.80**
Methylcyclohexane	ND	5.9	ug/kg	0.86
4-Methyl-2-pentanone	ND	5.9	ug/kg	0.77
Methyl tert-butyl ether	ND	5.9	ug/kg	0.89

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AECOM, Inc

Client Sample ID: SB50(80-81)

GC/MS Volatiles

Lot-Sample #...: C8G260118-001 **Work Order #...:** KR7VJ1AC **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Styrene	ND	5.9	ug/kg	0.63
1,1,2,2-Tetrachloroethane	ND	5.9	ug/kg	0.85
1,2,4-Trichloro-benzene	ND	5.9	ug/kg	1.0
Tetrachloroethene	ND	5.9	ug/kg	0.81
1,1,1-Trichloroethane	ND	5.9	ug/kg	0.58
1,1,2-Trichloroethane	ND	5.9	ug/kg	0.98
Trichloroethene	ND	5.9	ug/kg	0.78
Trichlorofluoromethane	ND	5.9	ug/kg	1.1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	5.9	ug/kg	1.3
Vinyl chloride	ND	5.9	ug/kg	0.56
Xylenes (total)	ND	18	ug/kg	2.7
Toluene	ND	5.9	ug/kg	0.86

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	102	(52 - 124)
Toluene-d8	101	(72 - 127)
4-Bromofluorobenzene	87	(63 - 120)
Dibromofluoromethane	92	(68 - 121)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

ENSR International

Client Sample ID: SB50(80-81)

GC/MS Semivolatiles

Lot-Sample #...:	C8G260118-001	**Work Order #...:**	KR7VJ1AD	**Matrix.....:**	SO
Date Sampled...:	07/22/08 15:00	**Date Received..:**	07/26/08 09:10	**MS Run #.....:**	8213033
Prep Date.....:	07/31/08	**Analysis Date..:**	08/04/08		
Prep Batch #...:	8213071	**Analysis Time..:**	07:46		
Dilution Factor:	1	**Initial Wgt/Vol:**	15 g	**Final Wgt/Vol..:**	5 mL
% Moisture.....:	16	**Analyst ID.....:**	007062	**Instrument ID..:**	732
		Method.....:	SW846 8270C		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	390	ug/kg	20
Acenaphthylene	ND	390	ug/kg	23
Acetophenone	ND	390	ug/kg	24
Anthracene	ND	390	ug/kg	22
Atrazine	ND	390	ug/kg	27
Benzo(a)anthracene	ND	390	ug/kg	16
Benzo(a)pyrene	ND	390	ug/kg	12
Benzo(b)fluoranthene	ND	390	ug/kg	15
Benzo(ghi)perylene	ND	390	ug/kg	13
Benzo(k)fluoranthene	ND	390	ug/kg	13
Benzaldehyde	ND 390 UJ	390	ug/kg	42
1,1'-Biphenyl	ND	390	ug/kg	22
bis(2-Chloroethoxy) methane	ND	390	ug/kg	18
bis(2-Chloroethyl)-ether	ND	390	ug/kg	8.8
bis(2-Ethylhexyl) phthalate	ND	390	ug/kg	30
4-Bromophenyl phenyl ether	ND	390	ug/kg	18
Butyl benzyl phthalate	ND	390	ug/kg	32
Caprolactam	ND	390	ug/kg	74
Carbazole	ND	390	ug/kg	16
4-Chloroaniline	ND	390	ug/kg	34
4-Chloro-3-methylphenol	ND	390	ug/kg	24
2-Chloronaphthalene	ND	390	ug/kg	23
2-Chlorophenol	ND	390	ug/kg	20
4-Chlorophenyl phenyl ether	ND	390	ug/kg	19
Chrysene	ND	390	ug/kg	16
Dibenz(a,h)anthracene	ND	390	ug/kg	25
Dibenzofuran	ND	390	ug/kg	22
3,3'-Dichlorobenzidine	ND	1900	ug/kg	88
2,4-Dichlorophenol	ND	390	ug/kg	12
Diethyl phthalate	ND	390	ug/kg	35
2,4-Dimethylphenol	ND	390	ug/kg	17
Dimethyl phthalate	ND	390	ug/kg	22

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ENSR International

Client Sample ID: SB50(80-81)

GC/MS Semivolatiles

Lot-Sample #...: C8G260118-001 Work Order #...: KR7VJ1AD Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-butyl phthalate	ND	390	ug/kg	65
4,6-Dinitro-2-methylphenol	ND	1900	ug/kg	280
2,4-Dinitrophenol	ND	1900	ug/kg	460
2,4-Dinitrotoluene	ND	390	ug/kg	20
2,6-Dinitrotoluene	ND	390	ug/kg	25
Di-n-octyl phthalate	ND	390	ug/kg	27
Fluoranthene	ND	390	ug/kg	25
Fluorene	ND	390	ug/kg	19
Hexachlorobenzene	ND	390	ug/kg	24
Hexachlorobutadiene	ND	390	ug/kg	24
Hexachlorocyclopentadiene	ND	1900	ug/kg	18
Hexachloroethane	ND	390	ug/kg	18
Indeno(1,2,3-cd)pyrene	ND	390	ug/kg	14
Isophorone	**96 J**	**390**	**ug/kg**	**22**
2-Methylnaphthalene	ND	390	ug/kg	22
2-Methylphenol	ND	390	ug/kg	25
4-Methylphenol	ND	390	ug/kg	25
Naphthalene	ND	390	ug/kg	19
2-Nitroaniline	ND	1900	ug/kg	24
3-Nitroaniline	ND	1900	ug/kg	34
4-Nitroaniline	ND 1900 UJ	1900	ug/kg	17
Nitrobenzene	ND	390	ug/kg	9.8
2-Nitrophenol	ND	390	ug/kg	31
4-Nitrophenol	ND	1900	ug/kg	31
N-Nitrosodi-n-propylamine	ND	390	ug/kg	9.6
N-Nitrosodiphenylamine	ND	390	ug/kg	21
2,2'-oxybis (1-Chloropropane)	ND	390	ug/kg	24
Pentachlorophenol	ND	1900	ug/kg	29
Phenanthrene	ND	390	ug/kg	19
Phenol	ND	390	ug/kg	24
Pyrene	ND	390	ug/kg	24
2,4,5-Trichlorophenol	ND	390	ug/kg	32
2,4,6-Trichlorophenol	ND	390	ug/kg	32

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ENSR International

Client Sample ID: SB50(80-81)

GC/MS Semivolatiles

Lot-Sample #...: C8G260118-001 Work Order #...: KR7VJ1AD Matrix.....: SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	86	(10 - 117)
2-Fluorobiphenyl	75	(20 - 109)
2-Fluorophenol	77	(10 - 113)
Nitrobenzene-d5	85	(18 - 106)
Phenol-d5	75	(18 - 113)
Terphenyl-d14	77	(10 - 138)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

ENSR International

Client Sample ID: SB50(80-81)

TOTAL Metals

Lot-Sample #...: C8G260118-001 **Matrix.....:** SO
Date Sampled...: 07/22/08 **Date Received..:** 07/26/08
% Moisture.....: 16

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8214085						
Silver	~~0.082 B~~ 0.59 U	**0.59**	**mg/kg**	**SW846 6010B**	**08/01-08/12/08**	**KR7VJ1AE**
		Dilution Factor: 1		Analysis Time..: 19:58	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8214052	MDL.....: 0.044	
Aluminum	**4030**	**23.7**	**mg/kg**	**SW846 6010B**	**08/01-08/12/08**	**KR7VJ1AF**
		Dilution Factor: 1		Analysis Time..: 19:58	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8214052	MDL.....: 1.7	
Arsenic	**2.3**	**1.2**	**mg/kg**	**SW846 6010B**	**08/01-08/12/08**	**KR7VJ1AG**
		Dilution Factor: 1		Analysis Time..: 19:58	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8214052	MDL.....: 0.27	
Barium	**28.2**	**23.7**	**mg/kg**	**SW846 6010B**	**08/01-08/12/08**	**KR7VJ1AH**
		Dilution Factor: 1		Analysis Time..: 19:58	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8214052	MDL.....: 0.043	
Beryllium	**0.36 B J**	**0.47**	**mg/kg**	**SW846 6010B**	**08/01-08/12/08**	**KR7VJ1AJ**
		Dilution Factor: 1		Analysis Time..: 19:58	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8214052	MDL.....: 0.036	
Calcium	**25800**	**592**	**mg/kg**	**SW846 6010B**	**08/01-08/12/08**	**KR7VJ1AK**
		Dilution Factor: 1		Analysis Time..: 19:58	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8214052	MDL.....: 29.8	
Cadmium	**0.23 B J**	**0.59**	**mg/kg**	**SW846 6010B**	**08/01-08/12/08**	**KR7VJ1AL**
		Dilution Factor: 1		Analysis Time..: 19:58	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8214052	MDL.....: 0.056	
Cobalt	**4.0 B J**	**5.9**	**mg/kg**	**SW846 6010B**	**08/01-08/12/08**	**KR7VJ1AM**
		Dilution Factor: 1		Analysis Time..: 19:58	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8214052	MDL.....: 0.051	
Chromium	**6.5**	**0.59**	**mg/kg**	**SW846 6010B**	**08/01-08/12/08**	**KR7VJ1AN**
		Dilution Factor: 1		Analysis Time..: 19:58	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8214052	MDL.....: 0.097	

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ENSR International

Client Sample ID: SB50(80-81)

TOTAL Metals

Lot-Sample #...: C8G260118-001 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Copper	11.3	3.0	mg/kg	SW846 6010B	08/01-08/12/08	KR7VJ1AP
		Dilution Factor: 1		Analysis Time..: 19:58	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8214052	MDL.....: 0.17	
Iron	12200 J	11.8	mg/kg	SW846 6010B	08/01-08/12/08	KR7VJ1AQ
		Dilution Factor: 1		Analysis Time..: 19:58	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8214052	MDL.....: 3.6	
Potassium	726	592	mg/kg	SW846 6010B	08/01-08/12/08	KR7VJ1AR
		Dilution Factor: 1		Analysis Time..: 19:58	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8214052	MDL.....: 59.2	
Magnesium	6200	592	mg/kg	SW846 6010B	08/01-08/12/08	KR7VJ1AT
		Dilution Factor: 1		Analysis Time..: 19:58	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8214052	MDL.....: 1.5	
Manganese	267 J	1.8	mg/kg	SW846 6010B	08/01-08/12/08	KR7VJ1AU
		Dilution Factor: 1		Analysis Time..: 19:58	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8214052	MDL.....: 0.032	
Sodium	109 B J	592	mg/kg	SW846 6010B	08/01-08/12/08	KR7VJ1AV
		Dilution Factor: 1		Analysis Time..: 19:58	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8214052	MDL.....: 16.5	
Nickel	8.3	4.7	mg/kg	SW846 6010B	08/01-08/12/08	KR7VJ1AW
		Dilution Factor: 1		Analysis Time..: 19:58	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8214052	MDL.....: 0.12	
Lead	4.8	0.36	mg/kg	SW846 6010B	08/01-08/12/08	KR7VJ1AX
		Dilution Factor: 1		Analysis Time..: 19:58	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8214052	MDL.....: 0.19	
Selenium	ND	0.59	mg/kg	SW846 6010B	08/01-08/12/08	KR7VJ1A0
		Dilution Factor: 1		Analysis Time..: 19:58	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8214052	MDL.....: 0.34	
Thallium	ND	1.2	mg/kg	SW846 6010B	08/01-08/12/08	KR7VJ1A1
		Dilution Factor: 1		Analysis Time..: 19:58	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8214052	MDL.....: 0.38	

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ENSR International

Client Sample ID: SB50(80-81)

TOTAL Metals

Lot-Sample #...: C8G260118-001 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	ND	1.2	mg/kg	SW846 6010B	08/01-08/12/08	KR7VJ1A2
		Dilution Factor: 1		Analysis Time..: 19:58	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8214052	MDL.....: 0.11	
Vanadium	**13.2**	**5.9**	**mg/kg**	**SW846 6010B**	**08/01-08/12/08**	**KR7VJ1A3**
		Dilution Factor: 1		Analysis Time..: 19:58	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8214052	MDL.....: 0.30	
Zinc	**31.3**	**2.4**	**mg/kg**	**SW846 6010B**	**08/01-08/12/08**	**KR7VJ1A4**
		Dilution Factor: 1		Analysis Time..: 19:58	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8214052	MDL.....: 0.41	
Prep Batch #...: 8225015						
Mercury	ND	0.039	mg/kg	SW846 7471A	08/12/08	KR7VJ1A5
		Dilution Factor: 1		Analysis Time..: 07:25	Analyst ID.....: 031043	
		Instrument ID..: HGHYDRA		MS Run #.....: 8225004	MDL.....: 0.0084	

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.

ENSR International

Client Sample ID: SB51(23.5-25.5)

GC/MS Volatiles

Lot-Sample #...:	C8I060176-001	**Work Order #...:**	KWE0P1AC	**Matrix.....:**	SO
Date Sampled...:	09/02/08	**Date Received..:**	09/06/08	**MS Run #.....:**	8256044
Prep Date.....:	09/12/08	**Analysis Date..:**	09/12/08		
Prep Batch #...:	8256086	**Analysis Time..:**	08:49		
Dilution Factor:	1	**Initial Wgt/Vol:**	5 g	**Final Wgt/Vol..:**	5 mL
% Moisture.....:	25	**Analyst ID.....:**	001562	**Instrument ID..:**	HP5
		Method.....:	SW846 8260B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	1300	ug/kg	340
Benzene	**3400**	**340**	**ug/kg**	**66**
Bromodichloromethane	ND	340	ug/kg	62
Bromoform	ND	340	ug/kg	72
Bromomethane	ND	340	ug/kg	110
2-Butanone	ND	340	ug/kg	73
Carbon disulfide	ND	340	ug/kg	72
Carbon tetrachloride	ND	340	ug/kg	73
Chlorobenzene	ND	340	ug/kg	35
Chloroethane	ND	340	ug/kg	50
Chloroform	ND	340	ug/kg	68
Chloromethane	ND	340	ug/kg	93
Cyclohexane	ND	340	ug/kg	40
Dibromochloromethane	ND	340	ug/kg	43
1,2-Dibromo-3-chloro-propane	ND	340	ug/kg	24
1,2-Dibromoethane	ND	340	ug/kg	41
1,3-Dichlorobenzene	ND	340	ug/kg	34
1,4-Dichlorobenzene	ND	340	ug/kg	35
1,2-Dichlorobenzene	ND	340	ug/kg	46
Dichlorodifluoromethane	ND	340	ug/kg	43
1,1-Dichloroethane	ND	340	ug/kg	68
1,2-Dichloroethane	ND	340	ug/kg	64
1,1-Dichloroethene	ND	340	ug/kg	71
cis-1,2-Dichloroethene	ND	340	ug/kg	45
trans-1,2-Dichloroethene	ND	340	ug/kg	50
1,2-Dichloropropane	ND	340	ug/kg	86
cis-1,3-Dichloropropene	ND	340	ug/kg	49
trans-1,3-Dichloropropene	ND	340	ug/kg	39
Ethylbenzene	ND	340	ug/kg	42
2-Hexanone	ND	340	ug/kg	38
Isopropylbenzene	ND	340	ug/kg	36
Methyl acetate	ND	340	ug/kg	82
Methylene chloride	ND	340	ug/kg	73
Methylcyclohexane	ND	340	ug/kg	37
4-Methyl-2-pentanone	ND	340	ug/kg	40
Methyl tert-butyl ether	ND	340	ug/kg	69

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ENSR International

Client Sample ID: SB51(23.5-25.5)

GC/MS Volatiles

Lot-Sample #...: C8I060176-001 **Work Order #...:** KWE0P1AC **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Styrene	ND	340	ug/kg	43
1,1,2,2-Tetrachloroethane	ND	340	ug/kg	63
1,2,4-Trichloro-benzene	ND	340	ug/kg	25
Tetrachloroethene	ND	340	ug/kg	55
1,1,1-Trichloroethane	ND	340	ug/kg	69
1,1,2-Trichloroethane	ND	340	ug/kg	78
Trichloroethene	ND	340	ug/kg	54
Trichlorofluoromethane	ND	340	ug/kg	75
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	340	ug/kg	22
Vinyl chloride	ND	340	ug/kg	87
Xylenes (total)	ND	1000	ug/kg	130
Toluene	ND	340	ug/kg	57

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	110	(52 - 124)
Toluene-d8	110	(72 - 127)
4-Bromofluorobenzene	107	(63 - 120)
Dibromofluoromethane	103	(68 - 121)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

ENSR International

Client Sample ID: SB51(23.5-25.5)

GC/MS Semivolatiles

Lot-Sample #...:	C8I060176-001	**Work Order #...:**	KWE0P1AD	**Matrix.....:**	SO
Date Sampled...:	09/02/08 12:20	**Date Received..:**	09/06/08 10:00	**MS Run #.....:**	8254292
Prep Date.....:	09/10/08	**Analysis Date..:**	09/11/08		
Prep Batch #...:	8254506	**Analysis Time..:**	06:08		
Dilution Factor:	1	**Initial Wgt/Vol:**	15 g	**Final Wgt/Vol..:**	5 mL
% Moisture.....:	25	**Analyst ID.....:**	003200	**Instrument ID..:**	733
		Method.....:	SW846 8270C		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	440	ug/kg	23
Acenaphthylene	ND	440	ug/kg	26
Acetophenone	ND	440	ug/kg	27
Anthracene	ND	440	ug/kg	25
Atrazine	ND	440	ug/kg	31
Benzo(a)anthracene	ND	440	ug/kg	18
Benzo(a)pyrene	ND	440	ug/kg	14
Benzo(b)fluoranthene	ND	440	ug/kg	17
Benzo(ghi)perylene	ND	440	ug/kg	15
Benzo(k)fluoranthene	ND	440	ug/kg	14
Benzaldehyde	ND 440 UJ	440	ug/kg	47
1,1'-Biphenyl	ND	440	ug/kg	24
bis(2-Chloroethoxy) methane	ND	440	ug/kg	21
bis(2-Chloroethyl)-ether	ND	440	ug/kg	10
bis(2-Ethylhexyl) phthalate	ND	440	ug/kg	34
4-Bromophenyl phenyl ether	ND	440	ug/kg	20
Butyl benzyl phthalate	ND	440	ug/kg	36
Caprolactam	ND	440	ug/kg	84
Carbazole	ND	440	ug/kg	18
4-Chloroaniline	ND	440	ug/kg	38
4-Chloro-3-methylphenol	ND	440	ug/kg	27
2-Chloronaphthalene	ND	440	ug/kg	26
2-Chlorophenol	ND	440	ug/kg	22
4-Chlorophenyl phenyl ether	ND	440	ug/kg	22
Chrysene	ND	440	ug/kg	18
Dibenz(a,h)anthracene	ND	440	ug/kg	28
Dibenzofuran	ND	440	ug/kg	25
3,3'-Dichlorobenzidine	ND	2100	ug/kg	100
2,4-Dichlorophenol	ND	440	ug/kg	13
Diethyl phthalate	ND	440	ug/kg	40
2,4-Dimethylphenol	ND	440	ug/kg	19
Dimethyl phthalate	ND	440	ug/kg	25

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ENSR International

Client Sample ID: SB51(23.5-25.5)

GC/MS Semivolatiles

Lot-Sample #...: C8I060176-001 **Work Order #...:** KWE0P1AD **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-butyl phthalate	ND	440	ug/kg	74
4,6-Dinitro-2-methylphenol	ND	2100	ug/kg	310
2,4-Dinitrophenol	ND	2100	ug/kg	530
2,4-Dinitrotoluene	ND	440	ug/kg	23
2,6-Dinitrotoluene	ND	440	ug/kg	29
Di-n-octyl phthalate	ND	440	ug/kg	31
Fluoranthene	ND	440	ug/kg	29
Fluorene	ND	440	ug/kg	22
Hexachlorobenzene	ND	440	ug/kg	27
Hexachlorobutadiene	ND	440	ug/kg	27
Hexachlorocyclopentadiene	ND 2100 cut	2100	ug/kg	20
Hexachloroethane	ND	440	ug/kg	20
Indeno(1,2,3-cd)pyrene	ND	440	ug/kg	16
Isophorone	ND	440	ug/kg	25
2-Methylnaphthalene	ND	440	ug/kg	25
2-Methylphenol	ND	440	ug/kg	28
4-Methylphenol	ND	440	ug/kg	28
Naphthalene	ND	440	ug/kg	22
2-Nitroaniline	ND	2100	ug/kg	27
3-Nitroaniline	ND	2100	ug/kg	38
4-Nitroaniline	ND	2100	ug/kg	19
Nitrobenzene	ND	440	ug/kg	11
2-Nitrophenol	ND	440	ug/kg	35
4-Nitrophenol	ND	2100	ug/kg	35
N-Nitrosodi-n-propylamine	ND	440	ug/kg	11
N-Nitrosodiphenylamine	ND	440	ug/kg	24
2,2'-oxybis(1-Chloropropane)	ND	440	ug/kg	27
Pentachlorophenol	ND	2100	ug/kg	33
Phenanthrene	ND	440	ug/kg	21
Phenol	ND	440	ug/kg	27
Pyrene	ND	440	ug/kg	27
2,4,5-Trichlorophenol	ND	440	ug/kg	37
2,4,6-Trichlorophenol	ND	440	ug/kg	36

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ENSR International

Client Sample ID: SB51(23.5-25.5)

GC/MS Semivolatiles

Lot-Sample #...: C8I060176-001 **Work Order #...:** KWE0P1AD **Matrix.....:** SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	86	(10 - 117)
2-Fluorobiphenyl	75	(20 - 109)
2-Fluorophenol	73	(10 - 113)
Nitrobenzene-d5	74	(18 - 106)
Phenol-d5	81	(18 - 113)
Terphenyl-d14	96	(10 - 138)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

KNSR International

Client Sample ID: SB51(23.5-25.5)

TOTAL Metals

Lot-Sample #...: C8I060176-001 **Matrix.....:** SO
Date Sampled...: 09/02/08 **Date Received..:** 09/06/08
% Moisture.....: 25

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8261206						
Silver	~~0.16 B,J~~ 0.670	0.67	mg/kg	SW846 6010B	09/17-09/18/08	KWE0P1AE
		Dilution Factor: 1		Analysis Time..: 14:43	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8261131	MDL.....: 0.050	
Aluminum	7810	26.8	mg/kg	SW846 6010B	09/17-09/18/08	KWE0P1AF
		Dilution Factor: 1		Analysis Time..: 14:43	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8261131	MDL.....: 1.9	
Arsenic	3.8	1.3	mg/kg	SW846 6010B	09/17-09/18/08	KWE0P1AG
		Dilution Factor: 1		Analysis Time..: 14:43	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8261131	MDL.....: 0.31	
Barium	48.8	26.8	mg/kg	SW846 6010B	09/17-09/18/08	KWE0P1AH
		Dilution Factor: 1		Analysis Time..: 14:43	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8261131	MDL.....: 0.049	
Beryllium	0.62	0.54	mg/kg	SW846 6010B	09/17-09/18/08	KWE0P1AJ
		Dilution Factor: 1		Analysis Time..: 14:43	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8261131	MDL.....: 0.041	
Calcium	10100	671	mg/kg	SW846 6010B	09/17-09/18/08	KWE0P1AK
		Dilution Factor: 1		Analysis Time..: 14:43	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8261131	MDL.....: 33.7	
Cadmium	ND	0.67	mg/kg	SW846 6010B	09/17-09/18/08	KWE0P1AL
		Dilution Factor: 1		Analysis Time..: 14:43	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8261131	MDL.....: 0.063	
Cobalt	8.0	6.7	mg/kg	SW846 6010B	09/17-09/18/08	KWE0P1AM
		Dilution Factor: 1		Analysis Time..: 14:43	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8261131	MDL.....: 0.058	
Chromium	12.1	0.67	mg/kg	SW846 6010B	09/17-09/18/08	KWE0P1AN
		Dilution Factor: 1		Analysis Time..: 14:43	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8261131	MDL.....: 0.11	

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ENSR International

Client Sample ID: SB51(23.5-25.5)

TOTAL Metals

Lot-Sample #...: C8I060176-001 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Copper	**16.9**	**3.4**	**mg/kg**	**SW846 6010B**	**09/17-09/18/08**	**KWE0P1AP**
	Dilution Factor: 1	Analysis Time..: 14:43		Analyst ID.....: 022952		
	Instrument ID..: TRACEICP	MS Run #.....: 8261131		MDL.....: 0.19		
Iron	**17900**	**13.4**	**mg/kg**	**SW846 6010B**	**09/17-09/18/08**	**KWE0P1AQ**
	Dilution Factor: 1	Analysis Time..: 14:43		Analyst ID.....: 022952		
	Instrument ID..: TRACEICP	MS Run #.....: 8261131		MDL.....: 4.0		
Potassium	**902**	**671**	**mg/kg**	**SW846 6010B**	**09/17-09/18/08**	**KWE0P1AR**
	Dilution Factor: 1	Analysis Time..: 14:43		Analyst ID.....: 022952		
	Instrument ID..: TRACEICP	MS Run #.....: 8261131		MDL.....: 67.1		
Magnesium	**5830**	**671**	**mg/kg**	**SW846 6010B**	**09/17-09/18/08**	**KWE0P1AT**
	Dilution Factor: 1	Analysis Time..: 14:43		Analyst ID.....: 022952		
	Instrument ID..: TRACEICP	MS Run #.....: 8261131		MDL.....: 1.8		
Manganese	**234**	**2.0**	**mg/kg**	**SW846 6010B**	**09/17-09/18/08**	**KWE0P1AU**
	Dilution Factor: 1	Analysis Time..: 14:43		Analyst ID.....: 022952		
	Instrument ID..: TRACEICP	MS Run #.....: 8261131		MDL.....: 0.036		
Sodium	**107 B J**	**671**	**mg/kg**	**SW846 6010B**	**09/17-09/18/08**	**KWE0P1AV**
	Dilution Factor: 1	Analysis Time..: 14:43		Analyst ID.....: 022952		
	Instrument ID..: TRACEICP	MS Run #.....: 8261131		MDL.....: 18.7		
Nickel	**18.5**	**5.4**	**mg/kg**	**SW846 6010B**	**09/17-09/18/08**	**KWE0P1AW**
	Dilution Factor: 1	Analysis Time..: 14:43		Analyst ID.....: 022952		
	Instrument ID..: TRACEICP	MS Run #.....: 8261131		MDL.....: 0.14		
Lead	**8.0**	**0.40**	**mg/kg**	**SW846 6010B**	**09/17-09/18/08**	**KWE0P1AX**
	Dilution Factor: 1	Analysis Time..: 14:43		Analyst ID.....: 022952		
	Instrument ID..: TRACEICP	MS Run #.....: 8261131		MDL.....: 0.21		
Selenium	ND	0.67	mg/kg	SW846 6010B	09/17-09/18/08	KWE0P1A0
	Dilution Factor: 1	Analysis Time..: 14:43		Analyst ID.....: 022952		
	Instrument ID..: TRACEICP	MS Run #.....: 8261131		MDL.....: 0.39		
Thallium	ND	1.3	mg/kg	SW846 6010B	09/17-09/18/08	KWE0P1A1
	Dilution Factor: 1	Analysis Time..: 14:43		Analyst ID.....: 022952		
	Instrument ID..: TRACEICP	MS Run #.....: 8261131		MDL.....: 0.43		

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KNSR International

Client Sample ID: SB51(23.5-25.5)

TOTAL Metals

Lot-Sample #...: C8I060176-001 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	ND	1.3	mg/kg	SW846 6010B	09/17-09/18/08	KWE0P1A2
	Dilution Factor: 1		Analysis Time..: 14:43		Analyst ID.....: 022952	
	Instrument ID..: TRACEICP		MS Run #.....: 8261131		MDL.....: 0.12	
Vanadium	**18.9**	**6.7**	**mg/kg**	**SW846 6010B**	**09/17-09/18/08**	**KWE0P1A3**
	Dilution Factor: 1		Analysis Time..: 14:43		Analyst ID.....: 022952	
	Instrument ID..: TRACEICP		MS Run #.....: 8261131		MDL.....: 0.34	
Zinc	**56.3 J**	**2.7**	**mg/kg**	**SW846 6010B**	**09/17-09/18/08**	**KWE0P1A4**
	Dilution Factor: 1		Analysis Time..: 14:43		Analyst ID.....: 022952	
	Instrument ID..: TRACEICP		MS Run #.....: 8261131		MDL.....: 0.46	
Prep Batch #...: 8262026						
Mercury	**0.024 B J**	**0.044**	**mg/kg**	**SW846 7471A**	**09/18/08**	**KWE0P1A5**
	Dilution Factor: 1		Analysis Time..: 09:57		Analyst ID.....: 031043	
	Instrument ID..: HGHYDRA		MS Run #.....: 8262022		MDL.....: 0.0095	

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.

AECOM, Inc

Client Sample ID: SB53(25-26)

GC/MS Volatiles

Lot-Sample #...:	C8L110357-003	Work Order #...:	K4JW01AC	Matrix.....:	SO
Date Sampled...:	12/08/08	Date Received..:	12/11/08	MS Run #.....:	8352202
Prep Date.....:	12/17/08	Analysis Date..:	12/17/08		
Prep Batch #...:	8352263	Analysis Time..:	15:59		
Dilution Factor:	1	Initial Wgt/Vol:	5 g	Final Wgt/Vol..:	5 mL
% Moisture.....:	14	Analyst ID.....:	034635	Instrument ID..:	HP4
		Method.....:	SW846 8260B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND 23 U J	23	ug/kg	5.8
Benzene	ND	5.8	ug/kg	0.79
Bromodichloromethane	ND	5.8	ug/kg	0.66
Bromoform	ND	5.8	ug/kg	0.52
Bromomethane	ND	5.8	ug/kg	0.86
2-Butanone	ND	5.8	ug/kg	1.0
Carbon disulfide	ND	5.8	ug/kg	0.60
Carbon tetrachloride	ND	5.8	ug/kg	0.52
Chlorobenzene	ND	5.8	ug/kg	0.88
Chloroethane	ND	5.8	ug/kg	1.8
Chloroform	ND	5.8	ug/kg	0.68
Chloromethane	ND	5.8	ug/kg	0.99
Cyclohexane	ND	5.8	ug/kg	0.43
Dibromochloromethane	ND	5.8	ug/kg	0.83
1,2-Dibromo-3-chloro-propane	ND 5.2 U J	5.8	ug/kg	0.87
1,2-Dibromoethane	ND	5.8	ug/kg	1.0
1,3-Dichlorobenzene	ND	5.8	ug/kg	0.77
1,4-Dichlorobenzene	ND	5.8	ug/kg	0.74
1,2-Dichlorobenzene	ND	5.8	ug/kg	0.93
Dichlorodifluoromethane	ND	5.8	ug/kg	0.78
1,1-Dichloroethane	ND	5.8	ug/kg	0.67
1,2-Dichloroethane	ND	5.8	ug/kg	0.72
1,1-Dichloroethene	ND	5.8	ug/kg	0.99
cis-1,2-Dichloroethene	ND	5.8	ug/kg	0.82
trans-1,2-Dichloroethene	ND	5.8	ug/kg	0.70
1,2-Dichloropropane	ND	5.8	ug/kg	0.63
cis-1,3-Dichloropropene	ND	5.8	ug/kg	0.79
trans-1,3-Dichloropropene	ND	5.8	ug/kg	0.70
Ethylbenzene	ND	5.8	ug/kg	0.75
2-Hexanone	ND	5.8	ug/kg	0.81
Isopropylbenzene	ND	5.8	ug/kg	0.79
Methyl acetate	ND	5.8	ug/kg	1.1
Methylene chloride	ND	5.8	ug/kg	0.79
Methylcyclohexane	ND	5.8	ug/kg	0.85
4-Methyl-2-pentanone	ND	5.8	ug/kg	0.76
Methyl tert-butyl ether	ND	5.8	ug/kg	0.87

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AECOM, Inc

Client Sample ID: SB53(25-26)

GC/MS Volatiles

Lot-Sample #...: C8L110357-003 Work Order #...: K4JW01AC Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Styrene	ND	5.8	ug/kg	0.82
1,1,2,2-Tetrachloroethane	ND	5.8	ug/kg	0.84
1,2,4-Trichloro-benzene	ND	5.8	ug/kg	1.0
Tetrachloroethene	ND	5.8	ug/kg	0.79
1,1,1-Trichloroethane	ND	5.8	ug/kg	0.57
1,1,2-Trichloroethane	ND	5.8	ug/kg	0.97
Trichloroethene	ND	5.8	ug/kg	0.77
Trichlorofluoromethane	ND	5.8	ug/kg	1.1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	5.8	ug/kg	1.2
Vinyl chloride	ND	5.8	ug/kg	0.55
Xylenes (total)	ND	18	ug/kg	2.6
Toluene	ND	5.8	ug/kg	0.85

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	107	(52 - 124)
Toluene-d8	89	(72 - 127)
4-Bromofluorobenzene	92	(63 - 120)
Dibromofluoromethane	96	(68 - 121)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

AECOM, Inc

Client Sample ID: SB53(25-26)

GC/MS Semivolatiles

Lot-Sample #...:	C8L110357-003	**Work Order #...:**	K4JW01AD	**Matrix.....:**	SO
Date Sampled...:	12/08/08 15:50	**Date Received..:**	12/11/08 09:50	**MS Run #.....:**	8347019
Prep Date.....:	12/12/08	**Analysis Date..:**	12/13/08		
Prep Batch #...:	8347029	**Analysis Time..:**	10:51		
Dilution Factor:	1	**Initial Wgt/Vol:**	15 g	**Final Wgt/Vol..:**	5 mL
% Moisture.....:	14	**Analyst ID.....:**	003200	**Instrument ID..:**	733
		Method.....:	SW846 8270C		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	**15 J**	**78**	**ug/kg**	**13**
Acenaphthylene	ND	78	ug/kg	16
Acetophenone	ND	390	ug/kg	18
Anthracene	ND	78	ug/kg	14
Atrazine	ND	390	ug/kg	18
Benzo(a)anthracene	ND	78	ug/kg	12
Benzo(a)pyrene	ND	78	ug/kg	22
Benzo(b)fluoranthene	ND	78	ug/kg	16
Benzo(ghi)perylene	ND	78	ug/kg	5.7
Benzo(k)fluoranthene	ND	78	ug/kg	16
Benzaldehyde	ND	390	ug/kg	10
1,1'-Biphenyl	ND	390	ug/kg	18
bis(2-Chloroethoxy) methane	ND	390	ug/kg	16
bis(2-Chloroethyl)-ether	ND	78	ug/kg	6.8
bis(2-Ethylhexyl) phthalate	**35 J**	**390**	**ug/kg**	**33**
4-Bromophenyl phenyl ether	ND	390	ug/kg	17
Butyl benzyl phthalate	ND	390	ug/kg	27
Caprolactam	ND	2000	ug/kg	51
Carbazole	ND	78	ug/kg	10
4-Chloroaniline	ND	390	ug/kg	12
4-Chloro-3-methylphenol	ND	390	ug/kg	12
2-Chloronaphthalene	ND	78	ug/kg	11
2-Chlorophenol	ND	390	ug/kg	12
4-Chlorophenyl phenyl ether	ND	390	ug/kg	17
Chrysene	ND	78	ug/kg	14
Dibenz(a,h)anthracene	ND	78	ug/kg	17
Dibenzofuran	ND	390	ug/kg	13
3,3'-Dichlorobenzidine	ND	390	ug/kg	74
2,4-Dichlorophenol	ND	78	ug/kg	16
Diethyl phthalate	**190 J**	**390**	**ug/kg**	**22**
2,4-Dimethylphenol	ND	390	ug/kg	16
Dimethyl phthalate	ND	390	ug/kg	13

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AECOM, Inc

Client Sample ID: SB53(25-26)

GC/MS Semivolatiles

Lot-Sample #...: C8L110357-003 Work Order #...: K4JW01AD Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-butyl phthalate	ND	390	ug/kg	22
4,6-Dinitro-2-methylphenol	ND	2000	ug/kg	370
2,4-Dinitrophenol	ND	2000	ug/kg	130
2,4-Dinitrotoluene	ND	390	ug/kg	18
2,6-Dinitrotoluene	ND	390	ug/kg	20
Di-n-octyl phthalate	ND	390	ug/kg	10
Fluoranthene	ND	78	ug/kg	6.6
Fluorene	ND	78	ug/kg	12
Hexachlorobenzene	ND	78	ug/kg	15
Hexachlorobutadiene	ND	78	ug/kg	17
Hexachlorocyclopentadiene	ND	390	ug/kg	15
Hexachloroethane	ND	390	ug/kg	13
Indeno(1,2,3-cd)pyrene	ND	78	ug/kg	4.3
Isophorone	ND	390	ug/kg	15
2-Methylnaphthalene	**19 J**	**78**	**ug/kg**	**15**
2-Methylphenol	ND	390	ug/kg	14
4-Methylphenol	ND	390	ug/kg	17
Naphthalene	ND	78	ug/kg	11
2-Nitroaniline	ND	2000	ug/kg	24
3-Nitroaniline	ND	2000	ug/kg	13
4-Nitroaniline	ND	2000	ug/kg	19
Nitrobenzene	ND	78	ug/kg	20
2-Nitrophenol	ND	390	ug/kg	15
4-Nitrophenol	ND	2000	ug/kg	230
N-Nitrosodi-n-propylamine	ND	78	ug/kg	22
N-Nitrosodiphenylamine	ND	78	ug/kg	16
2,2'-oxybis (1-Chloropropane)	ND	78	ug/kg	17
Pentachlorophenol	ND	390	ug/kg	68
Phenanthrene	**26 J**	**78**	**ug/kg**	**9.3**
Phenol	ND	78	ug/kg	15
Pyrene	ND	78	ug/kg	21
2,4,5-Trichlorophenol	ND	390	ug/kg	9.6
2,4,6-Trichlorophenol	ND	390	ug/kg	19

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AECOM, Inc

Client Sample ID: SB53(25-26)

GC/MS Semivolatiles

Lot-Sample #...: C8L110357-003 Work Order #...: K4JW01AD Matrix.....: SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	81	(50 - 124)
2-Fluorobiphenyl	78	(49 - 105)
2-Fluorophenol	76	(39 - 103)
Nitrobenzene-d5	83	(25 - 104)
Phenol-d5	77	(25 - 105)
Terphenyl-d14	72	(25 - 127)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

AECOM, Inc

Client Sample ID: SB53(25-26)

TOTAL Metals

Lot-Sample #...: C8L110357-003 Matrix.....: SO
Date Sampled...: 12/08/08 Date Received..: 12/11/08
% Moisture.....: 14

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8347504						
Silver	0.088 B J	0.58	mg/kg	SW846 6010B	12/12-12/23/08	K4JW01AE
		Dilution Factor: 1		Analysis Time..: 19:42	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 0.077	
Aluminum	4160	23.4	mg/kg	SW846 6010B	12/12-12/23/08	K4JW01AF
		Dilution Factor: 1		Analysis Time..: 19:42	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 2.8	
Arsenic	30.3	1.2	mg/kg	SW846 6010B	12/12-12/23/08	K4JW01AG
		Dilution Factor: 1		Analysis Time..: 19:42	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 0.34	
Barium	52.6	23.4	mg/kg	SW846 6010B	12/12-12/23/08	K4JW01AH
		Dilution Factor: 1		Analysis Time..: 19:42	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 0.092	
Beryllium	~~0.45 B,J~~ 0.47U	0.47	mg/kg	SW846 6010B	12/12-12/23/08	K4JW01AJ
		Dilution Factor: 1		Analysis Time..: 19:42	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 0.018	
Calcium	2450	584	mg/kg	SW846 6010B	12/12-12/23/08	K4JW01AK
		Dilution Factor: 1		Analysis Time..: 19:42	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 2.0	
Cadmium	ND	0.58	mg/kg	SW846 6010B	12/12-12/23/08	K4JW01AL
		Dilution Factor: 1		Analysis Time..: 19:42	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 0.025	
Cobalt	4.0 B J	5.8	mg/kg	SW846 6010B	12/12-12/23/08	K4JW01AM
		Dilution Factor: 1		Analysis Time..: 19:42	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 0.095	
Chromium	6.3	0.58	mg/kg	SW846 6010B	12/12-12/23/08	K4JW01AN
		Dilution Factor: 1		Analysis Time..: 19:42	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 0.065	

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AECOM, Inc

Client Sample ID: SB53(25-26)

TOTAL Metals

Lot-Sample #...: C8L110357-003 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Copper	11.2	2.9	mg/kg	SW846 6010B	12/12-12/23/08	K4JW01AP
		Dilution Factor: 1		Analysis Time..: 19:42	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 0.31	
Iron	11700	11.7	mg/kg	SW846 6010B	12/12-12/23/08	K4JW01AQ
		Dilution Factor: 1		Analysis Time..: 19:42	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 1.5	
Potassium	841	584	mg/kg	SW846 6010B	12/12-12/23/08	K4JW01AR
		Dilution Factor: 1		Analysis Time..: 19:42	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 87.6	
Magnesium	1770	584	mg/kg	SW846 6010B	12/12-12/23/08	K4JW01AT
		Dilution Factor: 1		Analysis Time..: 19:42	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 2.4	
Manganese	562	1.8	mg/kg	SW846 6010B	12/12-12/23/08	K4JW01AU
		Dilution Factor: 1		Analysis Time..: 19:42	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 0.071	
Sodium	76.1 B J	584	mg/kg	SW846 6010B	12/12-12/23/08	K4JW01AV
		Dilution Factor: 1		Analysis Time..: 19:42	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 16.9	
Nickel	11.4	4.7	mg/kg	SW846 6010B	12/12-12/23/08	K4JW01AW
		Dilution Factor: 1		Analysis Time..: 19:42	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 0.17	
Lead	4.3	0.35	mg/kg	SW846 6010B	12/12-12/23/08	K4JW01AX
		Dilution Factor: 1		Analysis Time..: 19:42	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 0.18	
Selenium	ND	0.58	mg/kg	SW846 6010B	12/12-12/23/08	K4JW01A0
		Dilution Factor: 1		Analysis Time..: 19:42	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 0.20	
Thallium	ND	1.2	mg/kg	SW846 6010B	12/12-12/23/08	K4JW01A1
		Dilution Factor: 1		Analysis Time..: 19:42	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 0.36	

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AECOM, Inc

Client Sample ID: SB53(25-26)

TOTAL Metals

Lot-Sample #...: C8L110357-003 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	ND	1.2	mg/kg	SW846 6010B	12/12-12/23/08	K4JW01A2
		Dilution Factor: 1		Analysis Time..: 19:42	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 0.25	
Vanadium	12.3	5.8	mg/kg	SW846 6010B	12/12-12/23/08	K4JW01A3
		Dilution Factor: 1		Analysis Time..: 19:42	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 0.28	
Zinc	31.1 J	2.3	mg/kg	SW846 6010B	12/12-12/23/08	K4JW01A4
		Dilution Factor: 1		Analysis Time..: 19:42	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 0.22	
Prep Batch #...: 8351215						
Mercury	0.0047 B J	0.039	mg/kg	SW846 7471A	12/16/08	K4JW01A5
		Dilution Factor: 1		Analysis Time..: 14:06	Analyst ID.....: 403938	
		Instrument ID..: HGHYDRA		MS Run #.....: 8351123	MDL.....: 0.0029	

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.

AECOM, Inc

Client Sample ID: SB54(11-12)

GC/MS Volatiles

Lot-Sample #...:	C8L110357-004	Work Order #...:	K4JW31AC	Matrix.....:	SO
Date Sampled...:	12/09/08	Date Received..:	12/11/08	MS Run #.....:	8352202
Prep Date.....:	12/17/08	Analysis Date..:	12/17/08		
Prep Batch #...:	8352263	Analysis Time..:	16:23		
Dilution Factor:	1	Initial Wgt/Vol:	5 g	Final Wgt/Vol..:	5 mL
% Moisture.....:	18	Analyst ID.....:	034635	Instrument ID..:	HP4
		Method.....:	SW846 8260B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND 24 U J	24	ug/kg	6.1
Benzene	ND	6.1	ug/kg	0.82
Bromodichloromethane	ND	6.1	ug/kg	0.68
Bromoform	ND	6.1	ug/kg	0.54
Bromomethane	ND	6.1	ug/kg	0.90
2-Butanone	ND	6.1	ug/kg	1.1
Carbon disulfide	ND	6.1	ug/kg	0.62
Carbon tetrachloride	ND	6.1	ug/kg	0.54
Chlorobenzene	ND	6.1	ug/kg	0.92
Chloroethane	ND	6.1	ug/kg	1.9
Chloroform	ND	6.1	ug/kg	0.71
Chloromethane	ND	6.1	ug/kg	1.0
Cyclohexane	ND	6.1	ug/kg	0.45
Dibromochloromethane	ND	6.1	ug/kg	0.86
1,2-Dibromo-3-chloro-propane	ND 6.1 UJ	6.1	ug/kg	0.91
1,2-Dibromoethane	ND	6.1	ug/kg	1.0
1,3-Dichlorobenzene	ND	6.1	ug/kg	0.80
1,4-Dichlorobenzene	ND	6.1	ug/kg	0.77
1,2-Dichlorobenzene	ND	6.1	ug/kg	0.97
Dichlorodifluoromethane	ND	6.1	ug/kg	0.81
1,1-Dichloroethane	ND	6.1	ug/kg	0.70
1,2-Dichloroethane	ND	6.1	ug/kg	0.74
1,1-Dichloroethene	ND	6.1	ug/kg	1.0
cis-1,2-Dichloroethene	ND	6.1	ug/kg	0.85
trans-1,2-Dichloroethene	ND	6.1	ug/kg	0.72
1,2-Dichloropropane	ND	6.1	ug/kg	0.66
cis-1,3-Dichloropropene	ND	6.1	ug/kg	0.82
trans-1,3-Dichloropropene	ND	6.1	ug/kg	0.72
Ethylbenzene	ND	6.1	ug/kg	0.78
2-Hexanone	ND	6.1	ug/kg	0.84
Isopropylbenzene	ND	6.1	ug/kg	0.82
Methyl acetate	ND	6.1	ug/kg	1.1
Methylene chloride	~~1.3 J,B~~ 6.1 U	**6.1**	**ug/kg**	**0.82**
Methylcyclohexane	ND	6.1	ug/kg	0.88
4-Methyl-2-pentanone	ND	6.1	ug/kg	0.79
Methyl tert-butyl ether	ND	6.1	ug/kg	0.91

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AECOM, Inc

Client Sample ID: SB54(11-12)

GC/MS Volatiles

Lot-Sample #...: C8L110357-004 Work Order #...: K4JW31AC Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Styrene	ND	6.1	ug/kg	0.86
1,1,2,2-Tetrachloroethane	ND	6.1	ug/kg	0.87
1,2,4-Trichloro-benzene	ND	6.1	ug/kg	1.1
Tetrachloroethene	ND	6.1	ug/kg	0.83
1,1,1-Trichloroethane	ND	6.1	ug/kg	0.59
1,1,2-Trichloroethane	ND	6.1	ug/kg	1.0
Trichloroethene	ND	6.1	ug/kg	0.80
Trichlorofluoromethane	ND	6.1	ug/kg	1.1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	6.1	ug/kg	1.3
Vinyl chloride	ND	6.1	ug/kg	0.57
Xylenes (total)	**3.1 J**	**18**	**ug/kg**	**2.7**
Toluene	**1.7 J**	**6.1**	**ug/kg**	**0.88**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	97	(52 - 124)
Toluene-d8	92	(72 - 127)
4-Bromofluorobenzene	93	(63 - 120)
Dibromofluoromethane	92	(68 - 121)

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.

AECOM, Inc

Client Sample ID: SB54(11-12)

GC/MS Semivolatiles

Lot-Sample #...:	C8L110357-004	**Work Order #...:**	K4JW31AD	**Matrix.....:**	SO
Date Sampled...:	12/09/08 08:30	**Date Received..:**	12/11/08 09:50	**MS Run #.....:**	8347019
Prep Date.....:	12/12/08	**Analysis Date..:**	12/13/08		
Prep Batch #...:	8347029	**Analysis Time..:**	11:10		
Dilution Factor:	1	**Initial Wgt/Vol:**	15 g	**Final Wgt/Vol..:**	5 mL
% Moisture.....:	18	**Analyst ID.....:**	003200	**Instrument ID..:**	733
		Method.....:	SW846 8270C		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	81	ug/kg	13
Acenaphthylene	ND	81	ug/kg	16
Acetophenone	ND	400	ug/kg	19
Anthracene	ND	81	ug/kg	14
Atrazine	ND	400	ug/kg	19
Benzo(a)anthracene	ND	81	ug/kg	13
Benzo(a)pyrene	ND	81	ug/kg	23
Benzo(b)fluoranthene	ND	81	ug/kg	16
Benzo(ghi)perylene	ND	81	ug/kg	5.9
Benzo(k)fluoranthene	ND	81	ug/kg	17
Benzaldehyde	ND	400	ug/kg	11
1,1'-Biphenyl	ND	400	ug/kg	18
bis(2-Chloroethoxy) methane	ND	400	ug/kg	16
bis(2-Chloroethyl)-ether	ND	81	ug/kg	7.1
bis(2-Ethylhexyl) phthalate	ND	400	ug/kg	34
4-Bromophenyl phenyl ether	ND	400	ug/kg	17
Butyl benzyl phthalate	ND	400	ug/kg	28
Caprolactam	ND	2100	ug/kg	53
Carbazole	ND	81	ug/kg	11
4-Chloroaniline	ND	400	ug/kg	13
4-Chloro-3-methylphenol	ND	400	ug/kg	12
2-Chloronaphthalene	ND	81	ug/kg	11
2-Chlorophenol	ND	400	ug/kg	12
4-Chlorophenyl phenyl ether	ND	400	ug/kg	18
Chrysene	ND	81	ug/kg	14
Dibenz(a,h)anthracene	ND	81	ug/kg	18
Dibenzofuran	ND	400	ug/kg	14
3,3'-Dichlorobenzidine	ND	400	ug/kg	76
2,4-Dichlorophenol	ND	81	ug/kg	16
Diethyl phthalate	ND	400	ug/kg	23
2,4-Dimethylphenol	ND	400	ug/kg	17
Dimethyl phthalate	ND	400	ug/kg	14

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AECOM, Inc

Client Sample ID: SB54(11-12)

GC/MS Semivolatiles

Lot-Sample #...: C8L110357-004 Work Order #...: K4JW31AD Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-butyl phthalate	ND	400	ug/kg	23
4,6-Dinitro-2-methylphenol	ND	2100	ug/kg	390
2,4-Dinitrophenol	ND	2100	ug/kg	130
2,4-Dinitrotoluene	ND	400	ug/kg	19
2,6-Dinitrotoluene	ND	400	ug/kg	21
Di-n-octyl phthalate	ND	400	ug/kg	10
Fluoranthene	ND	81	ug/kg	6.8
Fluorene	ND	81	ug/kg	12
Hexachlorobenzene	ND	81	ug/kg	15
Hexachlorobutadiene	ND	81	ug/kg	17
Hexachlorocyclopentadiene	ND	400	ug/kg	15
Hexachloroethane	ND	400	ug/kg	14
Indeno(1,2,3-cd)pyrene	ND	81	ug/kg	4.4
Isophorone	ND	400	ug/kg	16
2-Methylnaphthalene	ND	81	ug/kg	16
2-Methylphenol	ND	400	ug/kg	15
4-Methylphenol	ND	400	ug/kg	18
Naphthalene	ND	81	ug/kg	12
2-Nitroaniline	ND	2100	ug/kg	25
3-Nitroaniline	ND	2100	ug/kg	13
4-Nitroaniline	ND	2100	ug/kg	20
Nitrobenzene	ND	81	ug/kg	20
2-Nitrophenol	ND	400	ug/kg	15
4-Nitrophenol	ND	2100	ug/kg	240
N-Nitrosodi-n-propylamine	ND	81	ug/kg	22
N-Nitrosodiphenylamine	ND	81	ug/kg	17
2,2'-oxybis(1-Chloropropane)	ND	81	ug/kg	18
Pentachlorophenol	ND	400	ug/kg	70
Phenanthrene	**10 J**	**81**	**ug/kg**	**9.7**
Phenol	ND	81	ug/kg	16
Pyrene	ND	81	ug/kg	21
2,4,5-Trichlorophenol	ND	400	ug/kg	10
2,4,6-Trichlorophenol	ND	400	ug/kg	20

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AECOM, Inc

Client Sample ID: SB54(11-12)

GC/MS Semivolatiles

Lot-Sample #...: C8L110357-004 Work Order #...: K4JW31AD Matrix.....: SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	82	(50 - 124)
2-Fluorobiphenyl	78	(49 - 105)
2-Fluorophenol	78	(39 - 103)
Nitrobenzene-d5	86	(25 - 104)
Phenol-d5	79	(25 - 105)
Terphenyl-d14	75	(25 - 127)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

AECOM, Inc

Client Sample ID: SB54(11-12)

TOTAL Metals

Lot-Sample #...: C8L110357-004 Matrix.....: SO
Date Sampled...: 12/09/08 Date Received..: 12/11/08
% Moisture.....: 18

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8347504						
Silver	ND	0.61	mg/kg	SW846 6010B	12/12-12/23/08	K4JW31AE
		Dilution Factor: 1		Analysis Time..: 19:47	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 0.080	
Aluminum	**4820**	**24.3**	**mg/kg**	**SW846 6010B**	**12/12-12/23/08**	**K4JW31AF**
		Dilution Factor: 1		Analysis Time..: 19:47	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 2.9	
Arsenic	**1.9**	**1.2**	**mg/kg**	**SW846 6010B**	**12/12-12/23/08**	**K4JW31AG**
		Dilution Factor: 1		Analysis Time..: 19:47	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 0.35	
Barium	**25.8**	**24.3**	**mg/kg**	**SW846 6010B**	**12/12-12/23/08**	**K4JW31AH**
		Dilution Factor: 1		Analysis Time..: 19:47	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 0.096	
Beryllium	~~0.43 B,J~~ 0.49 U	**0.49**	**mg/kg**	**SW846 6010B**	**12/12-12/23/08**	**K4JW31AJ**
		Dilution Factor: 1		Analysis Time..: 19:47	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 0.018	
Calcium	**1470**	**606**	**mg/kg**	**SW846 6010B**	**12/12-12/23/08**	**K4JW31AK**
		Dilution Factor: 1		Analysis Time..: 19:47	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 2.1	
Cadmium	ND	0.61	mg/kg	SW846 6010B	12/12-12/23/08	K4JW31AL
		Dilution Factor: 1		Analysis Time..: 19:47	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 0.025	
Cobalt	**4.8 B J**	**6.1**	**mg/kg**	**SW846 6010B**	**12/12-12/23/08**	**K4JW31AM**
		Dilution Factor: 1		Analysis Time..: 19:47	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 0.098	
Chromium	**6.8**	**0.61**	**mg/kg**	**SW846 6010B**	**12/12-12/23/08**	**K4JW31AN**
		Dilution Factor: 1		Analysis Time..: 19:47	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 0.068	

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AECOM, Inc

Client Sample ID: SB54(11-12)

TOTAL Metals

Lot-Sample #...: C8L110357-004 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Copper	10.6	3.0	mg/kg	SW846 6010B	12/12-12/23/08	K4JW31AP
		Dilution Factor: 1		Analysis Time..: 19:47	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 0.32	
Iron	12400	12.1	mg/kg	SW846 6010B	12/12-12/23/08	K4JW31AQ
		Dilution Factor: 1		Analysis Time..: 19:47	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 1.6	
Potassium	852	606	mg/kg	SW846 6010B	12/12-12/23/08	K4JW31AR
		Dilution Factor: 1		Analysis Time..: 19:47	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 90.9	
Magnesium	1750	606	mg/kg	SW846 6010B	12/12-12/23/08	K4JW31AT
		Dilution Factor: 1		Analysis Time..: 19:47	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 2.5	
Manganese	222	1.8	mg/kg	SW846 6010B	12/12-12/23/08	K4JW31AU
		Dilution Factor: 1		Analysis Time..: 19:47	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 0.074	
Sodium	491 B J	606	mg/kg	SW846 6010B	12/12-12/23/08	K4JW31AV
		Dilution Factor: 1		Analysis Time..: 19:47	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 17.6	
Nickel	9.7	4.9	mg/kg	SW846 6010B	12/12-12/23/08	K4JW31AW
		Dilution Factor: 1		Analysis Time..: 19:47	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 0.17	
Lead	4.1	0.36	mg/kg	SW846 6010B	12/12-12/23/08	K4JW31AX
		Dilution Factor: 1		Analysis Time..: 19:47	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 0.19	
Selenium	ND	0.61	mg/kg	SW846 6010B	12/12-12/23/08	K4JW31A0
		Dilution Factor: 1		Analysis Time..: 19:47	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 0.21	
Thallium	ND	1.2	mg/kg	SW846 6010B	12/12-12/23/08	K4JW31A1
		Dilution Factor: 1		Analysis Time..: 19:47	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 0.37	

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AECOM, Inc

Client Sample ID: SB54(11-12)

TOTAL Metals

Lot-Sample #...: C8L110357-004 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	ND	1.2	mg/kg	SW846 6010B	12/12-12/23/08	K4JW31A2
		Dilution Factor: 1		Analysis Time..: 19:47	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 0.26	
Vanadium	14.1	6.1	mg/kg	SW846 6010B	12/12-12/23/08	K4JW31A3
		Dilution Factor: 1		Analysis Time..: 19:47	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 0.29	
Zinc	31.5 J	2.4	mg/kg	SW846 6010B	12/12-12/23/08	K4JW31A4
		Dilution Factor: 1		Analysis Time..: 19:47	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 0.22	
Prep Batch #...: 8351215						
Mercury	0.025 ~~B~~ J	0.040	mg/kg	SW846 7471A	12/16/08	K4JW31A5
		Dilution Factor: 1		Analysis Time..: 14:08	Analyst ID.....: 403938	
		Instrument ID..: HGHYDRA		MS Run #.....: 8351123	MDL.....: 0.0030	

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.

AECOM, Inc

Client Sample ID: SB56(11-12)

GC/MS Volatiles

Lot-Sample #...:	C8L110357-005	Work Order #...:	K4JW71AC	Matrix.....:	SO
Date Sampled...:	12/09/08	Date Received..:	12/11/08	MS Run #.....:	8352202
Prep Date.....:	12/17/08	Analysis Date..:	12/17/08		
Prep Batch #...:	8352263	Analysis Time..:	16:47		
Dilution Factor:	1	Initial Wgt/Vol:	5 g	Final Wgt/Vol..:	5 mL
% Moisture.....:	19	Analyst ID.....:	034635	Instrument ID..:	HP4
		Method.....:	SW846 8260B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND 25 U J	25	ug/kg	6.2
Benzene	ND	6.2	ug/kg	0.84
Bromodichloromethane	ND	6.2	ug/kg	0.70
Bromoform	ND	6.2	ug/kg	0.55
Bromomethane	ND	6.2	ug/kg	0.92
2-Butanone	ND	6.2	ug/kg	1.1
Carbon disulfide	ND	6.2	ug/kg	0.64
Carbon tetrachloride	ND	6.2	ug/kg	0.55
Chlorobenzene	ND	6.2	ug/kg	0.94
Chloroethane	ND	6.2	ug/kg	1.9
Chloroform	ND	6.2	ug/kg	0.73
Chloromethane	ND	6.2	ug/kg	1.1
Cyclohexane	ND	6.2	ug/kg	0.46
Dibromochloromethane	ND	6.2	ug/kg	0.88
1,2-Dibromo-3-chloro-propane	ND 6.2 U J	6.2	ug/kg	0.93
1,2-Dibromoethane	ND	6.2	ug/kg	1.1
1,3-Dichlorobenzene	ND	6.2	ug/kg	0.81
1,4-Dichlorobenzene	ND	6.2	ug/kg	0.79
1,2-Dichlorobenzene	ND	6.2	ug/kg	0.99
Dichlorodifluoromethane	ND	6.2	ug/kg	0.83
1,1-Dichloroethane	ND	6.2	ug/kg	0.71
1,2-Dichloroethane	ND	6.2	ug/kg	0.76
1,1-Dichloroethene	ND	6.2	ug/kg	1.1
cis-1,2-Dichloroethene	ND	6.2	ug/kg	0.87
trans-1,2-Dichloroethene	ND	6.2	ug/kg	0.74
1,2-Dichloropropane	ND	6.2	ug/kg	0.67
cis-1,3-Dichloropropene	ND	6.2	ug/kg	0.84
trans-1,3-Dichloropropene	ND	6.2	ug/kg	0.74
Ethylbenzene	ND	6.2	ug/kg	0.80
2-Hexanone	ND	6.2	ug/kg	0.86
Isopropylbenzene	ND	6.2	ug/kg	0.84
Methyl acetate	ND	6.2	ug/kg	1.1
Methylene chloride	ND	6.2	ug/kg	0.83
Methylcyclohexane	ND	6.2	ug/kg	0.90
4-Methyl-2-pentanone	ND	6.2	ug/kg	0.81
Methyl tert-butyl ether	ND	6.2	ug/kg	0.93

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AECOM, Inc

Client Sample ID: SB56(11-12)

GC/MS Volatiles

Lot-Sample #...: C8L110357-005 Work Order #...: K4JW71AC Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Styrene	ND	6.2	ug/kg	0.88
1,1,2,2-Tetrachloroethane	ND	6.2	ug/kg	0.89
1,2,4-Trichloro-benzene	ND	6.2	ug/kg	1.1
Tetrachloroethene	ND	6.2	ug/kg	0.84
1,1,1-Trichloroethane	ND	6.2	ug/kg	0.60
1,1,2-Trichloroethane	ND	6.2	ug/kg	1.0
Trichloroethene	ND	6.2	ug/kg	0.82
Trichlorofluoromethane	ND	6.2	ug/kg	1.1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	6.2	ug/kg	1.3
Vinyl chloride	ND	6.2	ug/kg	0.58
Xylenes (total)	ND	19	ug/kg	2.8
Toluene	ND	6.2	ug/kg	0.91

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	100	(52 - 124)
Toluene-d8	93	(72 - 127)
4-Bromofluorobenzene	92	(63 - 120)
Dibromofluoromethane	95	(68 - 121)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

AECOM, Inc

Client Sample ID: SB56(11-12)

GC/MS Semivolatiles

Lot-Sample #...:	C8L110357-005	**Work Order #...:**	K4JW71AD	**Matrix.....:**	SO
Date Sampled...:	12/09/08 10:30	**Date Received..:**	12/11/08 09:50	**MS Run #.....:**	8347019
Prep Date.....:	12/12/08	**Analysis Date..:**	12/13/08		
Prep Batch #...:	8347029	**Analysis Time..:**	12:08		
Dilution Factor:	1	**Initial Wgt/Vol:**	15 g	**Final Wgt/Vol..:**	5 mL
% Moisture.....:	19	**Analyst ID.....:**	003200	**Instrument ID..:**	733
		Method.....:	SW846 8270C		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	83	ug/kg	13
Acenaphthylene	ND	83	ug/kg	16
Acetophenone	ND	410	ug/kg	19
Anthracene	ND	83	ug/kg	15
Atrazine	ND	410	ug/kg	20
Benzo(a)anthracene	ND	83	ug/kg	13
Benzo(a)pyrene	ND	83	ug/kg	23
Benzo(b)fluoranthene	ND	83	ug/kg	17
Benzo(ghi)perylene	ND	83	ug/kg	6.1
Benzo(k)fluoranthene	ND	83	ug/kg	17
Benzaldehyde	ND	410	ug/kg	11
1,1'-Biphenyl	ND	410	ug/kg	19
bis(2-Chloroethoxy) methane	ND	410	ug/kg	17
bis(2-Chloroethyl)-ether	ND	83	ug/kg	7.3
bis(2-Ethylhexyl) phthalate	ND	410	ug/kg	35
4-Bromophenyl phenyl ether	ND	410	ug/kg	18
Butyl benzyl phthalate	ND	410	ug/kg	29
Caprolactam	ND	2100	ug/kg	54
Carbazole	ND	83	ug/kg	11
4-Chloroaniline	ND	410	ug/kg	13
4-Chloro-3-methylphenol	ND	410	ug/kg	12
2-Chloronaphthalene	ND	83	ug/kg	11
2-Chlorophenol	ND	410	ug/kg	13
4-Chlorophenyl phenyl ether	ND	410	ug/kg	18
Chrysene	ND	83	ug/kg	14
Dibenz(a,h)anthracene	ND	83	ug/kg	18
Dibenzofuran	ND	410	ug/kg	14
3,3'-Dichlorobenzidine	ND	410	ug/kg	78
2,4-Dichlorophenol	ND	83	ug/kg	17
Diethyl phthalate	ND	410	ug/kg	23
2,4-Dimethylphenol	ND	410	ug/kg	17
Dimethyl phthalate	ND	410	ug/kg	14

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AECOM, Inc

Client Sample ID: SB56(11-12)

GC/MS Semivolatiles

Lot-Sample #...: C8L110357-005 Work Order #...: K4JW71AD Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-butyl phthalate	ND	410	ug/kg	23
4,6-Dinitro-2-methylphenol	ND	2100	ug/kg	400
2,4-Dinitrophenol	ND	2100	ug/kg	130
2,4-Dinitrotoluene	ND	410	ug/kg	19
2,6-Dinitrotoluene	ND	410	ug/kg	21
Di-n-octyl phthalate	ND	410	ug/kg	11
Fluoranthene	ND	83	ug/kg	7.0
Fluorene	ND	83	ug/kg	12
Hexachlorobenzene	ND	83	ug/kg	16
Hexachlorobutadiene	ND	83	ug/kg	18
Hexachlorocyclopentadiene	ND	410	ug/kg	16
Hexachloroethane	ND	410	ug/kg	14
Indeno(1,2,3-cd)pyrene	ND	83	ug/kg	4.6
Isophorone	ND	410	ug/kg	16
2-Methylnaphthalene	ND	83	ug/kg	16
2-Methylphenol	ND	410	ug/kg	15
4-Methylphenol	ND	410	ug/kg	18
Naphthalene	ND	83	ug/kg	12
2-Nitroaniline	ND	2100	ug/kg	25
3-Nitroaniline	ND	2100	ug/kg	14
4-Nitroaniline	ND	2100	ug/kg	20
Nitrobenzene	ND	83	ug/kg	21
2-Nitrophenol	ND	410	ug/kg	16
4-Nitrophenol	ND	2100	ug/kg	240
N-Nitrosodi-n-propylamine	ND	83	ug/kg	23
N-Nitrosodiphenylamine	ND	83	ug/kg	17
2,2'-oxybis(1-Chloropropane)	ND	83	ug/kg	18
Pentachlorophenol	ND	410	ug/kg	72
Phenanthrene	ND	83	ug/kg	9.9
Phenol	ND	83	ug/kg	16
Pyrene	ND	83	ug/kg	22
2,4,5-Trichlorophenol	ND	410	ug/kg	10
2,4,6-Trichlorophenol	ND	410	ug/kg	21

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AECOM, Inc

Client Sample ID: SB56(11-12)

GC/MS Semivolatiles

Lot-Sample #...: C8L110357-005 Work Order #...: K4JW71AD Matrix.....: SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	84	(50 - 124)
2-Fluorobiphenyl	77	(49 - 105)
2-Fluorophenol	70	(39 - 103)
Nitrobenzene-d5	76	(25 - 104)
Phenol-d5	73	(25 - 105)
Terphenyl-d14	65	(25 - 127)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

AECOM, Inc

Client Sample ID: SB56(11-12)

TOTAL Metals

Lot-Sample #...: C8L110357-005 Matrix.....: SO
Date Sampled...: 12/09/08 Date Received..: 12/11/08
% Moisture.....: 19

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8347504						
Silver	ND	0.62	mg/kg	SW846 6010B	12/12-12/23/08	K4JW71AE
		Dilution Factor: 1		Analysis Time..: 19:53	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 0.082	
Aluminum	**2950**	**24.8**	**mg/kg**	**SW846 6010B**	**12/12-12/23/08**	**K4JW71AF**
		Dilution Factor: 1		Analysis Time..: 19:53	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 3.0	
Arsenic	**1.5**	**1.2**	**mg/kg**	**SW846 6010B**	**12/12-12/23/08**	**K4JW71AG**
		Dilution Factor: 1		Analysis Time..: 19:53	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 0.36	
Barium	**8.9 B J**	**24.8**	**mg/kg**	**SW846 6010B**	**12/12-12/23/08**	**K4JW71AH**
		Dilution Factor: 1		Analysis Time..: 19:53	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 0.098	
Beryllium	~~**0.28 B,J**~~ 0.50 U	**0.50**	**mg/kg**	**SW846 6010B**	**12/12-12/23/08**	**K4JW71AJ**
		Dilution Factor: 1		Analysis Time..: 19:53	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 0.019	
Calcium	**9720**	**621**	**mg/kg**	**SW846 6010B**	**12/12-12/23/08**	**K4JW71AK**
		Dilution Factor: 1		Analysis Time..: 19:53	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 2.1	
Cadmium	ND	0.62	mg/kg	SW846 6010B	12/12-12/23/08	K4JW71AL
		Dilution Factor: 1		Analysis Time..: 19:53	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 0.026	
Cobalt	**2.9 B J**	**6.2**	**mg/kg**	**SW846 6010B**	**12/12-12/23/08**	**K4JW71AM**
		Dilution Factor: 1		Analysis Time..: 19:53	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 0.10	
Chromium	**4.6**	**0.62**	**mg/kg**	**SW846 6010B**	**12/12-12/23/08**	**K4JW71AN**
		Dilution Factor: 1		Analysis Time..: 19:53	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 0.069	

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AECOM, Inc

Client Sample ID: SB56(11-12)

TOTAL Metals

Lot-Sample #...: C8L110357-005 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Copper	6.6	3.1	mg/kg	SW846 6010B	12/12-12/23/08	K4JW71AP
		Dilution Factor: 1		Analysis Time..: 19:53	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 0.33	
Iron	10100	12.4	mg/kg	SW846 6010B	12/12-12/23/08	K4JW71AQ
		Dilution Factor: 1		Analysis Time..: 19:53	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 1.6	
Potassium	578 B J	621	mg/kg	SW846 6010B	12/12-12/23/08	K4JW71AR
		Dilution Factor: 1		Analysis Time..: 19:53	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 93.1	
Magnesium	2380	621	mg/kg	SW846 6010B	12/12-12/23/08	K4JW71AT
		Dilution Factor: 1		Analysis Time..: 19:53	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 2.6	
Manganese	308	1.9	mg/kg	SW846 6010B	12/12-12/23/08	K4JW71AU
		Dilution Factor: 1		Analysis Time..: 19:53	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 0.076	
Sodium	130 B J	621	mg/kg	SW846 6010B	12/12-12/23/08	K4JW71AV
		Dilution Factor: 1		Analysis Time..: 19:53	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 18.0	
Nickel	6.9	5.0	mg/kg	SW846 6010B	12/12-12/23/08	K4JW71AW
		Dilution Factor: 1		Analysis Time..: 19:53	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 0.18	
Lead	2.6	0.37	mg/kg	SW846 6010B	12/12-12/23/08	K4JW71AX
		Dilution Factor: 1		Analysis Time..: 19:53	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 0.19	
Selenium	ND	0.62	mg/kg	SW846 6010B	12/12-12/23/08	K4JW71A0
		Dilution Factor: 1		Analysis Time..: 19:53	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 0.22	
Thallium	ND	1.2	mg/kg	SW846 6010B	12/12-12/23/08	K4JW71A1
		Dilution Factor: 1		Analysis Time..: 19:53	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 0.38	

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AECOM, Inc

Client Sample ID: SB56(11-12)

TOTAL Metals

Lot-Sample #...: C8L110357-005 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	ND	1.2	mg/kg	SW846 6010B	12/12-12/23/08	K4JW71A2
		Dilution Factor: 1		Analysis Time..: 19:53	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 0.26	
Vanadium	**11.7**	**6.2**	**mg/kg**	**SW846 6010B**	**12/12-12/23/08**	**K4JW71A3**
		Dilution Factor: 1		Analysis Time..: 19:53	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 0.30	
Zinc	**21.5 J**	**2.5**	**mg/kg**	**SW846 6010B**	**12/12-12/23/08**	**K4JW71A4**
		Dilution Factor: 1		Analysis Time..: 19:53	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 0.23	
Prep Batch #...: 8351215						
Mercury	**0.010 B J**	**0.041**	**mg/kg**	**SW846 7471A**	**12/16/08**	**K4JW71A5**
		Dilution Factor: 1		Analysis Time..: 14:09	Analyst ID.....: 403938	
		Instrument ID..: HGHYDRA		MS Run #.....: 8351123	MDL.....: 0.0031	

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.

AECOM, Inc

Client Sample ID: SB57(11-12)

GC/MS Volatiles

Lot-Sample #...:	C8L110357-006	Work Order #...:	K4JW91AC	Matrix.....:	SO
Date Sampled...:	12/09/08	Date Received..:	12/11/08	MS Run #.....:	8352202
Prep Date.....:	12/17/08	Analysis Date..:	12/17/08		
Prep Batch #...:	8352263	Analysis Time..:	17:57		
Dilution Factor:	1	Initial Wgt/Vol:	5 g	Final Wgt/Vol..:	5 mL
% Moisture.....:	17	Analyst ID.....:	034635	Instrument ID..:	HP4
		Method.....:	SW846 8260B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND 24 U J	24	ug/kg	6.0
Benzene	ND	6.0	ug/kg	0.81
Bromodichloromethane	ND	6.0	ug/kg	0.67
Bromoform	ND	6.0	ug/kg	0.53
Bromomethane	ND	6.0	ug/kg	0.89
2-Butanone	ND	6.0	ug/kg	1.1
Carbon disulfide	ND	6.0	ug/kg	0.61
Carbon tetrachloride	ND	6.0	ug/kg	0.54
Chlorobenzene	ND	6.0	ug/kg	0.91
Chloroethane	ND	6.0	ug/kg	1.9
Chloroform	ND	6.0	ug/kg	0.70
Chloromethane	ND	6.0	ug/kg	1.0
Cyclohexane	ND	6.0	ug/kg	0.45
Dibromochloromethane	ND	6.0	ug/kg	0.85
1,2-Dibromo-3-chloro-propane	ND 6.0 U J	6.0	ug/kg	0.90
1,2-Dibromoethane	ND	6.0	ug/kg	1.0
1,3-Dichlorobenzene	ND	6.0	ug/kg	0.79
1,4-Dichlorobenzene	ND	6.0	ug/kg	0.76
1,2-Dichlorobenzene	ND	6.0	ug/kg	0.96
Dichlorodifluoromethane	ND	6.0	ug/kg	0.80
1,1-Dichloroethane	ND	6.0	ug/kg	0.69
1,2-Dichloroethane	ND	6.0	ug/kg	0.74
1,1-Dichloroethene	ND	6.0	ug/kg	1.0
cis-1,2-Dichloroethene	ND	6.0	ug/kg	0.84
trans-1,2-Dichloroethene	ND	6.0	ug/kg	0.72
1,2-Dichloropropane	ND	6.0	ug/kg	0.65
cis-1,3-Dichloropropene	ND	6.0	ug/kg	0.81
trans-1,3-Dichloropropene	ND	6.0	ug/kg	0.72
Ethylbenzene	ND	6.0	ug/kg	0.77
2-Hexanone	ND	6.0	ug/kg	0.83
Isopropylbenzene	ND	6.0	ug/kg	0.81
Methyl acetate	ND	6.0	ug/kg	1.1
Methylene chloride	ND	6.0	ug/kg	0.81
Methylcyclohexane	ND	6.0	ug/kg	0.87
4-Methyl-2-pentanone	ND	6.0	ug/kg	0.78
Methyl tert-butyl ether	ND	6.0	ug/kg	0.90

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AECOM, Inc

Client Sample ID: SB57(11-12)

GC/MS Volatiles

Lot-Sample #...: C8L110357-006 Work Order #...: K4JW91AC Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Styrene	ND	6.0	ug/kg	0.85
1,1,2,2-Tetrachloroethane	ND	6.0	ug/kg	0.86
1,2,4-Trichloro-benzene	ND	6.0	ug/kg	1.1
Tetrachloroethene	ND	6.0	ug/kg	0.82
1,1,1-Trichloroethane	ND	6.0	ug/kg	0.58
1,1,2-Trichloroethane	ND	6.0	ug/kg	1.0
Trichloroethene	ND	6.0	ug/kg	0.79
Trichlorofluoromethane	ND	6.0	ug/kg	1.1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	6.0	ug/kg	1.3
Vinyl chloride	ND	6.0	ug/kg	0.56
Xylenes (total)	ND	18	ug/kg	2.7
Toluene	ND	6.0	ug/kg	0.88

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	84	(52 - 124)
Toluene-d8	97	(72 - 127)
4-Bromofluorobenzene	92	(63 - 120)
Dibromofluoromethane	88	(68 - 121)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

AECOM, Inc

Client Sample ID: SB57(11-12)

GC/MS Semivolatiles

Lot-Sample #...:	C8L110357-006	**Work Order #...:**	K4JW91AD	**Matrix.....:**	SO
Date Sampled...:	12/09/08 11:15	**Date Received..:**	12/11/08 09:50	**MS Run #.....:**	8347019
Prep Date.....:	12/12/08	**Analysis Date..:**	12/13/08		
Prep Batch #...:	8347029	**Analysis Time..:**	12:28		
Dilution Factor:	0.99	**Initial Wgt/Vol:**	15.2 g	**Final Wgt/Vol..:**	5 mL
% Moisture.....:	17	**Analyst ID.....:**	003200	**Instrument ID..:**	733
		Method.....:	SW846 8270C		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	80	ug/kg	13
Acenaphthylene	ND	80	ug/kg	16
Acetophenone	ND	390	ug/kg	18
Anthracene	ND	80	ug/kg	14
Atrazine	ND	390	ug/kg	19
Benzo(a)anthracene	ND	80	ug/kg	13
Benzo(a)pyrene	ND	80	ug/kg	22
Benzo(b)fluoranthene	ND	80	ug/kg	16
Benzo(ghi)perylene	ND	80	ug/kg	5.8
Benzo(k)fluoranthene	ND	80	ug/kg	17
Benzaldehyde	ND	390	ug/kg	10
1,1'-Biphenyl	ND	390	ug/kg	18
bis(2-Chloroethoxy) methane	ND	390	ug/kg	16
bis(2-Chloroethyl)-ether	ND	80	ug/kg	7.0
bis(2-Ethylhexyl) phthalate	ND	390	ug/kg	34
4-Bromophenyl phenyl ether	ND	390	ug/kg	17
Butyl benzyl phthalate	ND	390	ug/kg	28
Caprolactam	ND	2000	ug/kg	52
Carbazole	ND	80	ug/kg	10
4-Chloroaniline	ND	390	ug/kg	12
4-Chloro-3-methylphenol	ND	390	ug/kg	12
2-Chloronaphthalene	ND	80	ug/kg	11
2-Chlorophenol	ND	390	ug/kg	12
4-Chlorophenyl phenyl ether	ND	390	ug/kg	18
Chrysene	ND	80	ug/kg	14
Dibenz(a,h)anthracene	ND	80	ug/kg	17
Dibenzofuran	ND	390	ug/kg	13
3,3'-Dichlorobenzidine	ND	390	ug/kg	75
2,4-Dichlorophenol	ND	80	ug/kg	16
Diethyl phthalate	ND	390	ug/kg	22
2,4-Dimethylphenol	ND	390	ug/kg	17
Dimethyl phthalate	ND	390	ug/kg	13

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AECOM, Inc

Client Sample ID: SB57(11-12)

GC/MS Semivolatiles

Lot-Sample #...: C8L110357-006 Work Order #...: K4JW91AD Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-butyl phthalate	ND	390	ug/kg	22
4,6-Dinitro-2-methylphenol	ND	2000	ug/kg	380
2,4-Dinitrophenol	ND	2000	ug/kg	130
2,4-Dinitrotoluene	ND	390	ug/kg	19
2,6-Dinitrotoluene	ND	390	ug/kg	20
Di-n-octyl phthalate	ND	390	ug/kg	10
Fluoranthene	ND	80	ug/kg	6.7
Fluorene	ND	80	ug/kg	12
Hexachlorobenzene	ND	80	ug/kg	15
Hexachlorobutadiene	ND	80	ug/kg	17
Hexachlorocyclopentadiene	ND	390	ug/kg	15
Hexachloroethane	ND	390	ug/kg	13
Indeno(1,2,3-cd)pyrene	ND	80	ug/kg	4.4
Isophorone	ND	390	ug/kg	15
2-Methylnaphthalene	ND	80	ug/kg	16
2-Methylphenol	ND	390	ug/kg	15
4-Methylphenol	ND	390	ug/kg	17
Naphthalene	ND	80	ug/kg	12
2-Nitroaniline	ND	2000	ug/kg	24
3-Nitroaniline	ND	2000	ug/kg	13
4-Nitroaniline	ND	2000	ug/kg	19
Nitrobenzene	ND	80	ug/kg	20
2-Nitrophenol	ND	390	ug/kg	15
4-Nitrophenol	ND	2000	ug/kg	230
N-Nitrosodi-n-propylamine	ND	80	ug/kg	22
N-Nitrosodiphenylamine	ND	80	ug/kg	16
2,2'-oxybis(1-Chloropropane)	ND	80	ug/kg	17
Pentachlorophenol	ND	390	ug/kg	69
Phenanthrene	ND	80	ug/kg	9.5
Phenol	ND	80	ug/kg	16
Pyrene	ND	80	ug/kg	21
2,4,5-Trichlorophenol	ND	390	ug/kg	9.8
2,4,6-Trichlorophenol	ND	390	ug/kg	20

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AECOM, Inc

Client Sample ID: SB57(11-12)

GC/MS Semivolatiles

Lot-Sample #...: C8L110357-006 Work Order #...: K4JW91AD Matrix.....: SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	71	(50 - 124)
2-Fluorobiphenyl	73	(49 - 105)
2-Fluorophenol	69	(39 - 103)
Nitrobenzene-d5	76	(25 - 104)
Phenol-d5	70	(25 - 105)
Terphenyl-d14	63	(25 - 127)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

AECOM, Inc

Client Sample ID: SB57(11-12)

TOTAL Metals

Lot-Sample #...: C8L110357-006 Matrix.....: SO
Date Sampled...: 12/09/08 Date Received..: 12/11/08
% Moisture.....: 17

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8347504						
Silver	ND	0.60	mg/kg	SW846 6010B	12/12-12/23/08	K4JW91AE
		Dilution Factor: 1		Analysis Time..: 19:58	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 0.079	
Aluminum	**6160**	**24.0**	**mg/kg**	**SW846 6010B**	**12/12-12/23/08**	**K4JW91AF**
		Dilution Factor: 1		Analysis Time..: 19:58	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 2.9	
Arsenic	**3.6**	**1.2**	**mg/kg**	**SW846 6010B**	**12/12-12/23/08**	**K4JW91AG**
		Dilution Factor: 1		Analysis Time..: 19:58	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 0.35	
Barium	**40.9**	**24.0**	**mg/kg**	**SW846 6010B**	**12/12-12/23/08**	**K4JW91AH**
		Dilution Factor: 1		Analysis Time..: 19:58	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 0.095	
Beryllium	~~0.36 B,J~~ 0.48U	**0.48**	**mg/kg**	**SW846 6010B**	**12/12-12/23/08**	**K4JW91AJ**
		Dilution Factor: 1		Analysis Time..: 19:58	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 0.018	
Calcium	**1200**	**600**	**mg/kg**	**SW846 6010B**	**12/12-12/23/08**	**K4JW91AK**
		Dilution Factor: 1		Analysis Time..: 19:58	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 2.0	
Cadmium	ND	0.60	mg/kg	SW846 6010B	12/12-12/23/08	K4JW91AL
		Dilution Factor: 1		Analysis Time..: 19:58	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 0.025	
Cobalt	**4.3 B J**	**6.0**	**mg/kg**	**SW846 6010B**	**12/12-12/23/08**	**K4JW91AM**
		Dilution Factor: 1		Analysis Time..: 19:58	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 0.097	
Chromium	**7.3**	**0.60**	**mg/kg**	**SW846 6010B**	**12/12-12/23/08**	**K4JW91AN**
		Dilution Factor: 1		Analysis Time..: 19:58	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 0.067	

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AECOM, Inc

Client Sample ID: SB57(11-12)

TOTAL Metals

Lot-Sample #...: C8L110357-006 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Copper	46.0	3.0	mg/kg	SW846 6010B	12/12-12/23/08	K4JW91AP
		Dilution Factor: 1		Analysis Time..: 19:58	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 0.32	
Iron	13500	12.0	mg/kg	SW846 6010B	12/12-12/23/08	K4JW91AQ
		Dilution Factor: 1		Analysis Time..: 19:58	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 1.5	
Potassium	697	600	mg/kg	SW846 6010B	12/12-12/23/08	K4JW91AR
		Dilution Factor: 1		Analysis Time..: 19:58	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 90.1	
Magnesium	1560	600	mg/kg	SW846 6010B	12/12-12/23/08	K4JW91AT
		Dilution Factor: 1		Analysis Time..: 19:58	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 2.5	
Manganese	105	1.8	mg/kg	SW846 6010B	12/12-12/23/08	K4JW91AU
		Dilution Factor: 1		Analysis Time..: 19:58	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 0.073	
Sodium	66.3 B J	600	mg/kg	SW846 6010B	12/12-12/23/08	K4JW91AV
		Dilution Factor: 1		Analysis Time..: 19:58	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 17.4	
Nickel	8.8	4.8	mg/kg	SW846 6010B	12/12-12/23/08	K4JW91AW
		Dilution Factor: 1		Analysis Time..: 19:58	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 0.17	
Lead	4.1	0.36	mg/kg	SW846 6010B	12/12-12/23/08	K4JW91AX
		Dilution Factor: 1		Analysis Time..: 19:58	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 0.19	
Selenium	ND	0.60	mg/kg	SW846 6010B	12/12-12/23/08	K4JW91A0
		Dilution Factor: 1		Analysis Time..: 19:58	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 0.21	
Thallium	ND	1.2	mg/kg	SW846 6010B	12/12-12/23/08	K4JW91A1
		Dilution Factor: 1		Analysis Time..: 19:58	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 0.37	

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AECOM, Inc

Client Sample ID: SB57(11-12)

TOTAL Metals

Lot-Sample #...: C8L110357-006 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	ND	1.2	mg/kg	SW846 6010B	12/12-12/23/08	K4JW91A2
		Dilution Factor: 1		Analysis Time..: 19:58	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 0.25	
Vanadium	**14.9**	**6.0**	**mg/kg**	**SW846 6010B**	**12/12-12/23/08**	**K4JW91A3**
		Dilution Factor: 1		Analysis Time..: 19:58	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 0.29	
Zinc	**98.4 J**	**2.4**	**mg/kg**	**SW846 6010B**	**12/12-12/23/08**	**K4JW91A4**
		Dilution Factor: 1		Analysis Time..: 19:58	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 0.22	
Prep Batch #...: 8351215						
Mercury	**0.013 B J**	**0.040**	**mg/kg**	**SW846 7471A**	**12/16/08**	**K4JW91A5**
		Dilution Factor: 1		Analysis Time..: 14:11	Analyst ID.....: 403938	
		Instrument ID..: HGHYDRA		MS Run #.....: 8351123	MDL.....: 0.0030	

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.

AECOM, Inc

Client Sample ID: SB59(15-16)

GC/MS Volatiles

Lot-Sample #...:	C8L110357-007	Work Order #...:	K4JXG1AC	Matrix.....:	SO
Date Sampled...:	12/09/08	Date Received..:	12/11/08	MS Run #.....:	8354159
Prep Date.....:	12/19/08	Analysis Date..:	12/19/08		
Prep Batch #...:	8354282	Analysis Time..:	12:44		
Dilution Factor:	1	Initial Wgt/Vol:	5 g	Final Wgt/Vol..:	5 mL
% Moisture.....:	17	Analyst ID.....:	034635	Instrument ID..:	HP3
		Method.....:	SW846 8260B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	1200	ug/kg	300
Benzene	ND	300	ug/kg	60
Bromodichloromethane	ND	300	ug/kg	56
Bromoform	ND	300	ug/kg	64
Bromomethane	ND	300	ug/kg	95
2-Butanone	ND	300	ug/kg	65
Carbon disulfide	ND	300	ug/kg	65
Carbon tetrachloride	ND	300	ug/kg	65
Chlorobenzene	ND	300	ug/kg	32
Chloroethane	ND	300	ug/kg	45
Chloroform	ND	300	ug/kg	61
Chloromethane	ND	300	ug/kg	84
Cyclohexane	ND	300	ug/kg	36
Dibromochloromethane	ND	300	ug/kg	39
1,2-Dibromo-3-chloro-propane	ND	300	ug/kg	21
1,2-Dibromoethane	ND	300	ug/kg	37
1,3-Dichlorobenzene	ND	300	ug/kg	30
1,4-Dichlorobenzene	ND	300	ug/kg	32
1,2-Dichlorobenzene	ND	300	ug/kg	41
Dichlorodifluoromethane	ND	300	ug/kg	38
1,1-Dichloroethane	ND	300	ug/kg	61
1,2-Dichloroethane	ND	300	ug/kg	58
1,1-Dichloroethene	ND	300	ug/kg	64
cis-1,2-Dichloroethene	ND	300	ug/kg	40
trans-1,2-Dichloroethene	ND	300	ug/kg	45
1,2-Dichloropropane	ND	300	ug/kg	77
cis-1,3-Dichloropropene	ND	300	ug/kg	44
trans-1,3-Dichloropropene	ND	300	ug/kg	35
Ethylbenzene	ND	300	ug/kg	37
2-Hexanone	ND	300	ug/kg	34
Isopropylbenzene	ND	300	ug/kg	32
Methyl acetate	ND	300	ug/kg	74
Methylene chloride	ND	300	ug/kg	66
Methylcyclohexane	ND	300	ug/kg	33
4-Methyl-2-pentanone	ND	300	ug/kg	36
Methyl tert-butyl ether	ND	300	ug/kg	62

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AECOM, Inc

Client Sample ID: SB59(15-16)

GC/MS Volatiles

Lot-Sample #...: C8L110357-007 Work Order #...: K4JXG1AC Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Styrene	ND	300	ug/kg	38
1,1,2,2-Tetrachloroethane	ND	300	ug/kg	56
1,2,4-Trichloro-benzene	ND	300	ug/kg	23
Tetrachloroethene	ND	300	ug/kg	50
1,1,1-Trichloroethane	ND	300	ug/kg	62
1,1,2-Trichloroethane	ND	300	ug/kg	70
Trichloroethene	ND	300	ug/kg	48
Trichlorofluoromethane	ND	300	ug/kg	67
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	300	ug/kg	20
Vinyl chloride	ND	300	ug/kg	78
Xylenes (total)	ND	900	ug/kg	120
Toluene	ND	300	ug/kg	51

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	100	(52 - 124)
Toluene-d8	107	(72 - 127)
4-Bromofluorobenzene	107	(63 - 120)
Dibromofluoromethane	100	(68 - 121)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

AECOM, Inc

Client Sample ID: SB59(15-16)

GC/MS Semivolatiles

Lot-Sample #...:	C8L110357-007	**Work Order #...:**	K4JXG1AD	**Matrix.....:**	SO
Date Sampled...:	12/09/08 12:00	**Date Received..:**	12/11/08 09:50	**MS Run #.....:**	8347019
Prep Date.....:	12/12/08	**Analysis Date..:**	12/13/08		
Prep Batch #...:	8347029	**Analysis Time..:**	12:47		
Dilution Factor:	0.99	**Initial Wgt/Vol:**	15.2 g	**Final Wgt/Vol..:**	5 mL
% Moisture.....:	17	**Analyst ID.....:**	003200	**Instrument ID..:**	733
		Method.....:	SW846 8270C		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	80	ug/kg	13
Acenaphthylene	**86**	**80**	**ug/kg**	**16**
Acetophenone	ND	390	ug/kg	18
Anthracene	**190**	**80**	**ug/kg**	**14**
Atrazine	ND	390	ug/kg	19
Benzo(a)anthracene	ND	80	ug/kg	13
Benzo(a)pyrene	**37 J**	**80**	**ug/kg**	**22**
Benzo(b)fluoranthene	**49 J**	**80**	**ug/kg**	**16**
Benzo(ghi)perylene	**790**	**80**	**ug/kg**	**5.8**
Benzo(k)fluoranthene	ND	80	ug/kg	17
Benzaldehyde	ND	390	ug/kg	10
1,1'-Biphenyl	ND	390	ug/kg	18
bis(2-Chloroethoxy) methane	ND	390	ug/kg	16
bis(2-Chloroethyl)-ether	ND	80	ug/kg	7.0
bis(2-Ethylhexyl) phthalate	ND	390	ug/kg	34
4-Bromophenyl phenyl ether	ND	390	ug/kg	17
Butyl benzyl phthalate	ND	390	ug/kg	28
Caprolactam	ND	2000	ug/kg	52
Carbazole	ND	80	ug/kg	10
4-Chloroaniline	ND	390	ug/kg	12
4-Chloro-3-methylphenol	ND	390	ug/kg	12
2-Chloronaphthalene	ND	80	ug/kg	11
2-Chlorophenol	ND	390	ug/kg	12
4-Chlorophenyl phenyl ether	ND	390	ug/kg	18
Chrysene	ND	80	ug/kg	14
Dibenz(a,h)anthracene	**30 J**	**80**	**ug/kg**	**17**
Dibenzofuran	ND	390	ug/kg	13
3,3'-Dichlorobenzidine	ND	390	ug/kg	75
2,4-Dichlorophenol	ND	80	ug/kg	16
Diethyl phthalate	ND	390	ug/kg	22
2,4-Dimethylphenol	ND	390	ug/kg	17
Dimethyl phthalate	ND	390	ug/kg	13

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AECOM, Inc

Client Sample ID: SB59(15-16)

GC/MS Semivolatiles

Lot-Sample #...: C8L110357-007 Work Order #...: K4JXG1AD Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-butyl phthalate	ND	390	ug/kg	22
4,6-Dinitro-2-methylphenol	ND	2000	ug/kg	380
2,4-Dinitrophenol	ND	2000	ug/kg	130
2,4-Dinitrotoluene	ND	390	ug/kg	19
2,6-Dinitrotoluene	ND	390	ug/kg	20
Di-n-octyl phthalate	ND	390	ug/kg	10
Fluoranthene	ND	80	ug/kg	6.7
Fluorene	ND	80	ug/kg	12
Hexachlorobenzene	ND	80	ug/kg	15
Hexachlorobutadiene	ND	80	ug/kg	17
Hexachlorocyclopentadiene	ND	390	ug/kg	15
Hexachloroethane	ND	390	ug/kg	13
Indeno(1,2,3-cd)pyrene	**610**	**80**	**ug/kg**	**4.4**
Isophorone	ND	390	ug/kg	15
2-Methylnaphthalene	ND	80	ug/kg	16
2-Methylphenol	ND	390	ug/kg	15
4-Methylphenol	ND	390	ug/kg	17
Naphthalene	ND	80	ug/kg	12
2-Nitroaniline	ND	2000	ug/kg	24
3-Nitroaniline	ND	2000	ug/kg	13
4-Nitroaniline	ND	2000	ug/kg	19
Nitrobenzene	ND	80	ug/kg	20
2-Nitrophenol	ND	390	ug/kg	15
4-Nitrophenol	ND	2000	ug/kg	230
N-Nitrosodi-n-propylamine	ND	80	ug/kg	22
N-Nitrosodiphenylamine	ND	80	ug/kg	16
2,2'-oxybis(1-Chloropropane)	ND	80	ug/kg	17
Pentachlorophenol	ND	390	ug/kg	69
Phenanthrene	ND	80	ug/kg	9.5
Phenol	ND	80	ug/kg	16
Pyrene	**63 J**	**80**	**ug/kg**	**21**
2,4,5-Trichlorophenol	ND	390	ug/kg	9.8
2,4,6-Trichlorophenol	ND	390	ug/kg	20

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AECOM, Inc

Client Sample ID: SB59(15-16)

GC/MS Semivolatiles

Lot-Sample #...: C8L110357-007 **Work Order #...:** K4JXG1AD **Matrix.....:** SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	97	(50 - 124)
2-Fluorobiphenyl	86	(49 - 105)
2-Fluorophenol	76	(39 - 103)
Nitrobenzene-d5	81	(25 - 104)
Phenol-d5	80	(25 - 105)
Terphenyl-d14	67	(25 - 127)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

AECOM, Inc

Client Sample ID: SB59(15-16)

TOTAL Metals

Lot-Sample #...: C8L110357-007 Matrix.....: SO
Date Sampled...: 12/09/08 Date Received..: 12/11/08
% Moisture.....: 17

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8347504						
Silver	ND	0.60	mg/kg	SW846 6010B	12/12-12/23/08	K4JXG1AE
		Dilution Factor: 1		Analysis Time..: 20:09	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 0.079	
Aluminum	**3220**	**24.1**	**mg/kg**	**SW846 6010B**	**12/12-12/23/08**	**K4JXG1AF**
		Dilution Factor: 1		Analysis Time..: 20:09	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 2.9	
Arsenic	**0.63 B J**	**1.2**	**mg/kg**	**SW846 6010B**	**12/12-12/23/08**	**K4JXG1AG**
		Dilution Factor: 1		Analysis Time..: 20:09	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 0.35	
Barium	**9.8 B J**	**24.1**	**mg/kg**	**SW846 6010B**	**12/12-12/23/08**	**K4JXG1AH**
		Dilution Factor: 1		Analysis Time..: 20:09	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 0.095	
Beryllium	~~0.21 B,J~~ 0.480	**0.48**	**mg/kg**	**SW846 6010B**	**12/12-12/23/08**	**K4JXG1AJ**
		Dilution Factor: 1		Analysis Time..: 20:09	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 0.018	
Calcium	**1190**	**602**	**mg/kg**	**SW846 6010B**	**12/12-12/23/08**	**K4JXG1AK**
		Dilution Factor: 1		Analysis Time..: 20:09	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 2.0	
Cadmium	ND	0.60	mg/kg	SW846 6010B	12/12-12/23/08	K4JXG1AL
		Dilution Factor: 1		Analysis Time..: 20:09	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 0.025	
Cobalt	**1.9 B J**	**6.0**	**mg/kg**	**SW846 6010B**	**12/12-12/23/08**	**K4JXG1AM**
		Dilution Factor: 1		Analysis Time..: 20:09	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 0.097	
Chromium	**5.3**	**0.60**	**mg/kg**	**SW846 6010B**	**12/12-12/23/08**	**K4JXG1AN**
		Dilution Factor: 1		Analysis Time..: 20:09	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 0.067	

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AECOM, Inc

Client Sample ID: SB59(15-16)

TOTAL Metals

Lot-Sample #...: C8L110357-007 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Copper	6.2	3.0	mg/kg	SW846 6010B	12/12-12/23/08	K4JXG1AP
		Dilution Factor: 1		Analysis Time..: 20:09	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 0.32	
Iron	8220	12.0	mg/kg	SW846 6010B	12/12-12/23/08	K4JXG1AQ
		Dilution Factor: 1		Analysis Time..: 20:09	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 1.5	
Potassium	662	602	mg/kg	SW846 6010B	12/12-12/23/08	K4JXG1AR
		Dilution Factor: 1		Analysis Time..: 20:09	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 90.2	
Magnesium	1190	602	mg/kg	SW846 6010B	12/12-12/23/08	K4JXG1AT
		Dilution Factor: 1		Analysis Time..: 20:09	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 2.5	
Manganese	44.9	1.8	mg/kg	SW846 6010B	12/12-12/23/08	K4JXG1AU
		Dilution Factor: 1		Analysis Time..: 20:09	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 0.073	
Sodium	125 B J	602	mg/kg	SW846 6010B	12/12-12/23/08	K4JXG1AV
		Dilution Factor: 1		Analysis Time..: 20:09	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 17.5	
Nickel	5.5	4.8	mg/kg	SW846 6010B	12/12-12/23/08	K4JXG1AW
		Dilution Factor: 1		Analysis Time..: 20:09	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 0.17	
Lead	2.9	0.36	mg/kg	SW846 6010B	12/12-12/23/08	K4JXG1AX
		Dilution Factor: 1		Analysis Time..: 20:09	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 0.19	
Selenium	~~0.37 B~~ 0.60 U	0.60	mg/kg	SW846 6010B	12/12-12/23/08	K4JXG1A0
		Dilution Factor: 1		Analysis Time..: 20:09	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 0.21	
Thallium	ND	1.2	mg/kg	SW846 6010B	12/12-12/23/08	K4JXG1A1
		Dilution Factor: 1		Analysis Time..: 20:09	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 0.37	

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AECOM, Inc

Client Sample ID: SB59(15-16)

TOTAL Metals

Lot-Sample #...: C8L110357-007 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	ND	1.2	mg/kg	SW846 6010B	12/12-12/23/08	K4JXG1A2
		Dilution Factor: 1		Analysis Time..: 20:09	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 0.25	
Vanadium	12.7	6.0	mg/kg	SW846 6010B	12/12-12/23/08	K4JXG1A3
		Dilution Factor: 1		Analysis Time..: 20:09	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 0.29	
Zinc	18.0 J,E	2.4	mg/kg	SW846 6010B	12/12-12/23/08	K4JXG1A4
		Dilution Factor: 1		Analysis Time..: 20:09	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 0.22	
Prep Batch #...: 8351215						
Mercury	0.0086 B J	0.040	mg/kg	SW846 7471A	12/16/08	K4JXG1A5
		Dilution Factor: 1		Analysis Time..: 14:13	Analyst ID.....: 403938	
		Instrument ID..: HGHYDRA		MS Run #.....: 8351123	MDL.....: 0.0030	

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.

AECOM, Inc

Client Sample ID: SB59(23-24)

GC/MS Volatiles

Lot-Sample #...:	C8L110357-008	**Work Order #...:**	K4JXL1AC	**Matrix.....:**	SO
Date Sampled...:	12/09/08	**Date Received..:**	12/11/08	**MS Run #.....:**	8352202
Prep Date.....:	12/17/08	**Analysis Date..:**	12/17/08		
Prep Batch #...:	8352263	**Analysis Time..:**	17:34		
Dilution Factor:	1	**Initial Wgt/Vol:**	5 g	**Final Wgt/Vol..:**	5 mL
% Moisture.....:	17	**Analyst ID.....:**	034635	**Instrument ID..:**	HP4
		Method.....:	SW846 8260B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND 24 U5	24	ug/kg	6.0
Benzene	ND	6.0	ug/kg	0.81
Bromodichloromethane	ND	6.0	ug/kg	0.67
Bromoform	ND	6.0	ug/kg	0.53
Bromomethane	ND	6.0	ug/kg	0.89
2-Butanone	ND	6.0	ug/kg	1.1
Carbon disulfide	ND	6.0	ug/kg	0.62
Carbon tetrachloride	ND	6.0	ug/kg	0.54
Chlorobenzene	ND	6.0	ug/kg	0.91
Chloroethane	ND	6.0	ug/kg	1.9
Chloroform	ND	6.0	ug/kg	0.70
Chloromethane	ND	6.0	ug/kg	1.0
Cyclohexane	ND	6.0	ug/kg	0.45
Dibromochloromethane	ND	6.0	ug/kg	0.85
1,2-Dibromo-3-chloro-propane	ND 6.0 U5	6.0	ug/kg	0.90
1,2-Dibromoethane	ND	6.0	ug/kg	1.0
1,3-Dichlorobenzene	ND	6.0	ug/kg	0.79
1,4-Dichlorobenzene	ND	6.0	ug/kg	0.77
1,2-Dichlorobenzene	ND	6.0	ug/kg	0.96
Dichlorodifluoromethane	ND	6.0	ug/kg	0.80
1,1-Dichloroethane	ND	6.0	ug/kg	0.69
1,2-Dichloroethane	ND	6.0	ug/kg	0.74
1,1-Dichloroethene	ND	6.0	ug/kg	1.0
cis-1,2-Dichloroethene	ND	6.0	ug/kg	0.85
trans-1,2-Dichloroethene	ND	6.0	ug/kg	0.72
1,2-Dichloropropane	ND	6.0	ug/kg	0.65
cis-1,3-Dichloropropene	ND	6.0	ug/kg	0.81
trans-1,3-Dichloropropene	ND	6.0	ug/kg	0.72
Ethylbenzene	ND	6.0	ug/kg	0.77
2-Hexanone	ND	6.0	ug/kg	0.83
Isopropylbenzene	ND	6.0	ug/kg	0.82
Methyl acetate	ND	6.0	ug/kg	1.1
Methylene chloride	ND	6.0	ug/kg	0.81
Methylcyclohexane	ND	6.0	ug/kg	0.87
4-Methyl-2-pentanone	ND	6.0	ug/kg	0.78
Methyl tert-butyl ether	ND	6.0	ug/kg	0.90

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AECOM, Inc

Client Sample ID: SB59(23-24)

GC/MS Volatiles

Lot-Sample #...: C8L110357-008 Work Order #...: K4JXL1AC Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Styrene	ND	6.0	ug/kg	0.85
1,1,2,2-Tetrachloroethane	ND	6.0	ug/kg	0.86
1,2,4-Trichloro-benzene	ND	6.0	ug/kg	1.1
Tetrachloroethene	ND	6.0	ug/kg	0.82
1,1,1-Trichloroethane	ND	6.0	ug/kg	0.58
1,1,2-Trichloroethane	ND	6.0	ug/kg	1.0
Trichloroethene	ND	6.0	ug/kg	0.79
Trichlorofluoromethane	ND	6.0	ug/kg	1.1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	6.0	ug/kg	1.3
Vinyl chloride	ND	6.0	ug/kg	0.56
Xylenes (total)	ND	18	ug/kg	2.7
Toluene	**1.4 J**	**6.0**	**ug/kg**	**0.88**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	79	(52 - 124)
Toluene-d8	96	(72 - 127)
4-Bromofluorobenzene	92	(63 - 120)
Dibromofluoromethane	87	(68 - 121)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

AECOM, Inc

Client Sample ID: SB59(23-24)

GC/MS Semivolatiles

Lot-Sample #...:	C8L110357-008	**Work Order #...:**	K4JXL1AD	**Matrix.....:**	SO
Date Sampled...:	12/09/08 12:45	**Date Received..:**	12/11/08 09:50	**MS Run #.....:**	8347019
Prep Date.....:	12/12/08	**Analysis Date..:**	12/13/08		
Prep Batch #...:	8347029	**Analysis Time..:**	13:07		
Dilution Factor:	1	**Initial Wgt/Vol:**	15 g	**Final Wgt/Vol..:**	5 mL
% Moisture.....:	17	**Analyst ID.....:**	003200	**Instrument ID..:**	733
		Method.....:	SW846 8270C		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	81	ug/kg	13
Acenaphthylene	ND	81	ug/kg	16
Acetophenone	ND	400	ug/kg	18
Anthracene	ND	81	ug/kg	14
Atrazine	ND	400	ug/kg	19
Benzo(a)anthracene	ND	81	ug/kg	13
Benzo(a)pyrene	ND	81	ug/kg	22
Benzo(b)fluoranthene	ND	81	ug/kg	16
Benzo(ghi)perylene	ND	81	ug/kg	5.9
Benzo(k)fluoranthene	ND	81	ug/kg	17
Benzaldehyde	ND	400	ug/kg	10
1,1'-Biphenyl	ND	400	ug/kg	18
bis(2-Chloroethoxy) methane	ND	400	ug/kg	16
bis(2-Chloroethyl)-ether	ND	81	ug/kg	7.0
bis(2-Ethylhexyl) phthalate	ND	400	ug/kg	34
4-Bromophenyl phenyl ether	ND	400	ug/kg	17
Butyl benzyl phthalate	ND	400	ug/kg	28
Caprolactam	ND	2000	ug/kg	52
Carbazole	ND	81	ug/kg	11
4-Chloroaniline	ND	400	ug/kg	12
4-Chloro-3-methylphenol	ND	400	ug/kg	12
2-Chloronaphthalene	ND	81	ug/kg	11
2-Chlorophenol	ND	400	ug/kg	12
4-Chlorophenyl phenyl ether	ND	400	ug/kg	18
Chrysene	ND	81	ug/kg	14
Dibenz(a,h)anthracene	ND	81	ug/kg	18
Dibenzofuran	ND	400	ug/kg	14
3,3'-Dichlorobenzidine	ND	400	ug/kg	76
2,4-Dichlorophenol	ND	81	ug/kg	16
Diethyl phthalate	ND	400	ug/kg	23
2,4-Dimethylphenol	ND	400	ug/kg	17
Dimethyl phthalate	ND	400	ug/kg	14

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AECOM, Inc

Client Sample ID: SB59(23-24)

GC/MS Semivolatiles

Lot-Sample #...: C8L110357-008 Work Order #...: K4JXL1AD Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-butyl phthalate	ND	400	ug/kg	22
4,6-Dinitro-2-methylphenol	ND	2000	ug/kg	390
2,4-Dinitrophenol	ND	2000	ug/kg	130
2,4-Dinitrotoluene	ND	400	ug/kg	19
2,6-Dinitrotoluene	ND	400	ug/kg	20
Di-n-octyl phthalate	ND	400	ug/kg	10
Fluoranthene	ND	81	ug/kg	6.8
Fluorene	ND	81	ug/kg	12
Hexachlorobenzene	ND	81	ug/kg	15
Hexachlorobutadiene	ND	81	ug/kg	17
Hexachlorocyclopentadiene	ND	400	ug/kg	15
Hexachloroethane	ND	400	ug/kg	14
Indeno(1,2,3-cd)pyrene	ND	81	ug/kg	4.4
Isophorone	ND	400	ug/kg	16
2-Methylnaphthalene	ND	81	ug/kg	16
2-Methylphenol	ND	400	ug/kg	15
4-Methylphenol	ND	400	ug/kg	18
Naphthalene	ND	81	ug/kg	12
2-Nitroaniline	ND	2000	ug/kg	25
3-Nitroaniline	ND	2000	ug/kg	13
4-Nitroaniline	ND	2000	ug/kg	20
Nitrobenzene	ND	81	ug/kg	20
2-Nitrophenol	ND	400	ug/kg	15
4-Nitrophenol	ND	2000	ug/kg	240
N-Nitrosodi-n-propylamine	ND	81	ug/kg	22
N-Nitrosodiphenylamine	ND	81	ug/kg	16
2,2'-oxybis(1-Chloropropane)	ND	81	ug/kg	18
Pentachlorophenol	ND	400	ug/kg	70
Phenanthrene	ND	81	ug/kg	9.6
Phenol	ND	81	ug/kg	16
Pyrene	ND	81	ug/kg	21
2,4,5-Trichlorophenol	ND	400	ug/kg	9.9
2,4,6-Trichlorophenol	ND	400	ug/kg	20

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AECOM, Inc

Client Sample ID: SB59(23-24)

GC/MS Semivolatiles

Lot-Sample #...: C8L110357-008 Work Order #...: K4JXL1AD Matrix.....: SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	89	(50 - 124)
2-Fluorobiphenyl	83	(49 - 105)
2-Fluorophenol	75	(39 - 103)
Nitrobenzene-d5	84	(25 - 104)
Phenol-d5	75	(25 - 105)
Terphenyl-d14	73	(25 - 127)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

AECOM, Inc

Client Sample ID: SB59(23-24)

TOTAL Metals

Lot-Sample #...: C8L110357-008 Matrix.....: SO
Date Sampled...: 12/09/08 Date Received..: 12/11/08
% Moisture.....: 17

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8347504						
Silver	ND	0.60	mg/kg	SW846 6010B	12/12-12/23/08	K4JXL1AE
		Dilution Factor: 1		Analysis Time..: 20:42	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 0.079	
Aluminum	**4390**	**24.0**	**mg/kg**	**SW846 6010B**	**12/12-12/23/08**	**K4JXL1AF**
		Dilution Factor: 1		Analysis Time..: 20:42	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 2.9	
Arsenic	**2.1**	**1.2**	**mg/kg**	**SW846 6010B**	**12/12-12/23/08**	**K4JXL1AG**
		Dilution Factor: 1		Analysis Time..: 20:42	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 0.35	
Barium	**24.9**	**24.0**	**mg/kg**	**SW846 6010B**	**12/12-12/23/08**	**K4JXL1AH**
		Dilution Factor: 1		Analysis Time..: 20:42	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 0.095	
Beryllium	~~0.36 B,J~~ 0.48 U	**0.48**	**mg/kg**	**SW846 6010B**	**12/12-12/23/08**	**K4JXL1AJ**
		Dilution Factor: 1		Analysis Time..: 20:42	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 0.018	
Calcium	**27100**	**601**	**mg/kg**	**SW846 6010B**	**12/12-12/23/08**	**K4JXL1AK**
		Dilution Factor: 1		Analysis Time..: 20:42	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 2.0	
Cadmium	ND	0.60	mg/kg	SW846 6010B	12/12-12/23/08	K4JXL1AL
		Dilution Factor: 1		Analysis Time..: 20:42	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 0.025	
Cobalt	**4.5 B J**	**6.0**	**mg/kg**	**SW846 6010B**	**12/12-12/23/08**	**K4JXL1AM**
		Dilution Factor: 1		Analysis Time..: 20:42	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 0.097	
Chromium	**6.9**	**0.60**	**mg/kg**	**SW846 6010B**	**12/12-12/23/08**	**K4JXL1AN**
		Dilution Factor: 1		Analysis Time..: 20:42	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 0.067	

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AECOM, Inc

Client Sample ID: SB59(23-24)

TOTAL Metals

Lot-Sample #...: C8L110357-008 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Copper	10.7	3.0	mg/kg	SW846 6010B	12/12-12/23/08	K4JXL1AP
		Dilution Factor: 1		Analysis Time..: 20:42	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 0.32	
Iron	11600	12.0	mg/kg	SW846 6010B	12/12-12/23/08	K4JXL1AQ
		Dilution Factor: 1		Analysis Time..: 20:42	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 1.5	
Potassium	897	601	mg/kg	SW846 6010B	12/12-12/23/08	K4JXL1AR
		Dilution Factor: 1		Analysis Time..: 20:42	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 90.1	
Magnesium	6550	601	mg/kg	SW846 6010B	12/12-12/23/08	K4JXL1AT
		Dilution Factor: 1		Analysis Time..: 20:42	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 2.5	
Manganese	245	1.8	mg/kg	SW846 6010B	12/12-12/23/08	K4JXL1AU
		Dilution Factor: 1		Analysis Time..: 20:42	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 0.073	
Sodium	170 B J	601	mg/kg	SW846 6010B	12/12-12/23/08	K4JXL1AV
		Dilution Factor: 1		Analysis Time..: 20:42	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 17.4	
Nickel	9.8	4.8	mg/kg	SW846 6010B	12/12-12/23/08	K4JXL1AW
		Dilution Factor: 1		Analysis Time..: 20:42	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 0.17	
Lead	4.1	0.36	mg/kg	SW846 6010B	12/12-12/23/08	K4JXL1AX
		Dilution Factor: 1		Analysis Time..: 20:42	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 0.19	
Selenium	ND	0.60	mg/kg	SW846 6010B	12/12-12/23/08	K4JXL1A0
		Dilution Factor: 1		Analysis Time..: 20:42	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 0.21	
Thallium	ND	1.2	mg/kg	SW846 6010B	12/12-12/23/08	K4JXL1A1
		Dilution Factor: 1		Analysis Time..: 20:42	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 0.37	

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AECOM, Inc

Client Sample ID: SB59(23-24)

TOTAL Metals

Lot-Sample #...: C8L110357-008 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	ND	1.2	mg/kg	SW846 6010B	12/12-12/23/08	K4JXL1A2
		Dilution Factor: 1		Analysis Time..: 20:42	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 0.25	
Vanadium	**13.8**	**6.0**	**mg/kg**	**SW846 6010B**	**12/12-12/23/08**	**K4JXL1A3**
		Dilution Factor: 1		Analysis Time..: 20:42	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 0.29	
Zinc	**29.5 J**	**2.4**	**mg/kg**	**SW846 6010B**	**12/12-12/23/08**	**K4JXL1A4**
		Dilution Factor: 1		Analysis Time..: 20:42	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 0.22	
Prep Batch #...: 8351215						
Mercury	**0.011 B J**	**0.040**	**mg/kg**	**SW846 7471A**	**12/16/08**	**K4JXL1A5**
		Dilution Factor: 1		Analysis Time..: 14:14	Analyst ID.....: 403938	
		Instrument ID..: HGHYDRA		MS Run #.....: 8351123	MDL.....: 0.0030	

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.

ENSR, Schenectady RI

Cyanide, Total

Lab Name:	TESTAMERICA PITTSBURGH	Method:	SW846 9012A
Client Name:	ENSR International	Lot Number:	C8G160152
Matrix:	SOLID		

Distillation procedure

Client Sample ID	Sample Number	Workorder	Result	Units	Min. Detection Limit	Reporting Limit	Dilution Factor	Prep Date - Analysis Date/Time	QC Batch
TP10(29)E(8-8.5)	C8G160152 001	KRK1G1A6	0.51 B J	mg/kg	0.11	0.57	1	7/22/2008 - 7/22/2008 15:42	8204169
TP10(31)E(8-8.5)	C8G160152 002	KRK2P1A6	0.24 B J	mg/kg	0.11	0.59	1	7/22/2008 - 7/22/2008 15:42	8204169
TP11(50)E(8-8.5)	C8G160152 003	KRK2Q1A6	ND	mg/kg	0.12	0.63	1	7/22/2008 - 7/22/2008 15:42	8204169
TP12(5)W(8-8.5)	C8G160152 004	KRK2R1A	42.1	mg/kg	1.3	6.6	10	7/22/2008 - 7/22/2008 16:07	8204169
TP12(17)W(10.5-11)	C8G160152 005	KRK2T1AH	0.40 B J	mg/kg	0.12	0.62	1	7/22/2008 - 7/22/2008 15:50	8204169

B Estimated result. Result is less than RL.

ENSR, Schenectady RI

Cyanide, Total

Lab Name:	TESTAMERICA PITTSBURGH	**Method:**	SW846 9012A
Client Name:	ENSR International	**Lot Number:**	C8J290111
Matrix:	SOLID		

Distillation procedure

Client Sample ID	Sample Number	Workorder	Result	Units	Min. Detection Limit	Reporting Limit	Dilution Factor	Prep Date - Analysis Date/Time	QC Batch
SB34(32.5-35)	C8J290111 001	K1TDF1A6	ND	mg/kg	0.11	0.59	1	10/30/2008 - 10/30/2008 11:56	8304109
SB34(42.5-45)	C8J290111 002	K1TDG1AH	0.22 B J	mg/kg	0.11	0.59	1	10/30/2008 - 10/30/2008 11:56	8304109
SB33(22.5-25)	C8J290111 003	K1TDH1AH	0.17 B J	mg/kg	0.11	0.59	1	11/4/2008 - 11/4/2008 14:55	8309094
SB33(35-37.5)	C8J290111 004	K1TDJ1AH	0.63	mg/kg	0.11	0.58	1	11/4/2008 - 11/4/2008 14:55	8309094
SB28(33.5-35)	C8J290111 005	K1TDK1AH	ND	mg/kg	0.12	0.60	1	11/5/2008 - 11/5/2008 16:26	8310438
SB28(47.5-50)	C8J290111 006	K1TDL1AH	ND	mg/kg	0.11	0.58	1	11/5/2008 - 11/5/2008 16:26	8310438
SB30(41.5-43.5)	C8J290111 007	K1TDP1AH	ND	mg/kg	0.12	0.61	1	11/6/2008 - 11/6/2008 16:01	8311399
SB300(41.5-43.5)	C8J290111 008	K1TDQ1AH	0.13 B J	mg/kg	0.11	0.59	1	11/6/2008 - 11/6/2008 16:01	8311399
SB30(50-52.5)	C8J290111 009	K1TDV1AH	ND	mg/kg	0.11	0.59	1	11/6/2008 - 11/6/2008 16:01	8311399

ENSR, Schenectady RI

Cyanide, Total

Lab Name:	TESTAMERICA PITTSBURGH	**Method:**	SW846 9012A
Client Name:	ENSR International	**Lot Number:**	C8J160275
Matrix:	SOLID		

Distillation procedure

Client Sample ID	Sample Number	Workorder	Result	Units	Min. Detection Limit	Reporting Limit	Dilution Factor	Prep Date - Analysis Date/Time	QC Batch
SB36(17.5-20)	C8J160275 001	K017P1A6	2.3	mg/kg	0.11	0.60	1	10/22/2008 - 10/22/2008 13:07	8296145
SB36(32.5-35)	C8J160275 002	K017T1AH	ND	mg/kg	0.11	0.56	1	10/22/2008 - 10/22/2008 13:07	8296145
SB37(11-12)	C8J160275 003	K017V1AH	ND	mg/kg	0.12	0.64	1	10/22/2008 - 10/22/2008 13:07	8296145
SB37(57.6-60)	C8J160275 004	K017W1AH	ND	mg/kg	0.11	0.60	1	10/22/2008 - 10/22/2008 13:07	8296145
SB32(20-22.5)	C8J160275 005	K01711AH	0.74	mg/kg	0.11	0.60	1	10/22/2008 - 10/22/2008 13:14	8296145
SB32(42-47.5)	C8J160275 006	K01731AH	ND	mg/kg	0.12	0.60	1	10/22/2008 - 10/22/2008 13:58	8296145

ENSR, Schenectady RI

Cyanide, Total

Lab Name:	TESTAMERICA PITTSBURGH	**Method:**	SW846 9012A
Client Name:	ENSR International	**Lot Number:**	C8J220183
Matrix:	SOLID		

Distillation procedure

Client Sample ID	Sample Number	Workorder	Result	Units	Mln. Detection Limit	Reporting Limit	Dilution Factor	Prep Date - Analysis Date/Time	QC Batch
SB38(22.5-25)	C8J220183 001	K1CL01A6	ND	mg/kg	0.12	0.61	1	10/27/2008 - 10/27/2008 12:0	8301166
SB38(45-47.5)	C8J220183 002	K1CL31AH	ND	mg/kg	0.11	0.60	1	10/27/2008 - 10/27/2008 12:0	8301166
SB31(25-27.5)	C8J220183 003	K1CL51AH	0.61	mg/kg	0.12	0.61	1	10/27/2008 - 10/27/2008 12:1	8301167
SB31(47.5-50)	C8J220183 004	K1CL81AH	ND	mg/kg	0.12	0.64	1	10/27/2008 - 10/27/2008 12:1	8301167
SB39(32.5-35)	C8J220183 005	K1CMD1AH	1.9	mg/kg	0.11	0.60	1	10/27/2008 - 10/27/2008 15:3	8301372
SB39(47.5-50)	C8J220183 006	K1CMG1AH	ND	mg/kg	0.12	0.61	1	10/27/2008 - 10/27/2008 15:3	8301372

ENSR, Schenectady RI

Cyanide, Total

Lab Name:	TESTAMERICA PITTSBURGH	**Method:**	SW846 9012A
Client Name:	ENSR International	**Lot Number:**	C8J110134
Matrix:	SOLID		

Distillation procedure

Client Sample ID	Sample Number	Workorder	Result	Units	Min. Detection Limit	Reporting Limit	Dilution Factor	Prep Date - Analysis Date/Time	QC Batch
SB40(14-16)	C8J110134 001	K0NCF1A6	4.5	mg/kg	0.12	0.60	1	10/16/2008 - 10/16/2008 14:52	8290135
SB40(50-52)	C8J110134 002	K0NCP1AH	ND	mg/kg	0.11	0.59	1	10/16/2008 - 10/16/2008 15:00	8290135
SB36(10-12)	C8J110134 003	K0NCR1AH	0.32 B J	mg/kg	0.12	0.63	1	10/16/2008 - 10/16/2008 15:00	8290135

B ---- Estimated result. Result is less than RL.

ENSR, Schenectady RI

Cyanide, Total

Lab Name:	TESTAMERICA PITTSBURGH	**Method:**	SW846 9012A
Client Name:	ENSR International	**Lot Number:**	C8K040347
Matrix:	SOLID		

Distillation procedure

Client Sample ID	Sample Number	Workorder	Result	Units	Min. Detection Limit	Reporting Limit	Dilution Factor	Prep Date - Analysis Date/Time	QC Batch
SB43(40-42.5)	C8K040347 001	K18D51AG	~~0.55~~ B J U	mg/kg	0.11	0.56	1	11/11/2008 - 11/11/2008 13:24	8316143
SB43(50-52.5)	C8K040347 002	K18D71AH	ND	mg/kg	0.12	0.62	1	11/11/2008 - 11/11/2008 13:24	8316143
SB35(40-41.5)	C8K040347 003	K18D81AH	0.91 J U	mg/kg	0.12	0.62	1	11/11/2008 - 11/11/2008 13:24	8316143
SB35(45-47.5)	C8K040347 004	K18D91AH	1.7 J U	mg/kg	0.12	0.62	1	11/11/2008 - 11/11/2008 13:31	8316143

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

ENSR, Schenectady RI

Cyanide, Total

Lab Name:	TESTAMERICA PITTSBURGH	**Method:**	SW846 9012A
Client Name:	ENSR International	**Lot Number:**	C8J100124
Matrix:	SOLID		

Distillation procedure

Client Sample ID	Sample Number	Workorder	Result	Units	Min. Detection Limit	Reporting Limit	Dilution Factor	Prep Date - Analysis Date/Time	QC Batch
SB45(8-10)	C8J100124 001	K0KA91A6	429	mg/kg	5.7	30.0	50	10/11/2008 - 10/13/2008 12:34	8285042
SB45(20-22)	C8J100124 002	K0KCL1AH	5.9	mg/kg	0.12	0.62	1	10/11/2008 - 10/13/2008 12:09	8285042
SB41(15-17)	C8J100124 003	K0KCM1AH	35.3	mg/kg	1.2	6.4	10	10/11/2008 - 10/13/2008 12:37	8285042
SB4(20-22)	C8J100124 004	K0KCQ1AH	5.5	mg/kg	0.12	0.65	1	10/11/2008 - 10/13/2008 12:09	8285042

ENSR, Schenectady RI

Cyanide, Total

Lab Name:	TESTAMERICA PITTSBURGH	**Method:**	SW846 9012A
Client Name:	AECOM, Inc	**Lot Number:**	C8K070273
Matrix:	SOLID		

Distillation procedure

Client Sample ID	Sample Number	Workorder	Result	Units	Min. Detection Limit	Reporting Limit	Dilution Factor	Prep Date - Analysis Date/Time	QC Batch
SB47(18-20.5)	C8K070273 001	K2HCH1A6	1.5 J V	mg/kg	0.13	0.65	1	11/11/2008 - 11/11/2008 13:50	8316146
SB47(38-40)	C8K070273 002	K2HCQ1AH	0.93 J V	mg/kg	0.12	0.62	1	11/11/2008 - 11/11/2008 13:50	8316146
SB44(38-40)	C8K070273 003	K2HCW1A	ND	mg/kg	0.12	0.60	1	11/15/2008 - 11/17/2008 11:13	8320102
SB440(38-40)	C8K070273 004	K2HC21AH	ND	mg/kg	0.12	0.60	1	11/15/2008 - 11/17/2008 11:13	8320102
SB44(52.5-55)	C8K070273 005	K2HC71AW	ND	mg/kg	0.11	0.59	1	11/15/2008 - 11/17/2008 11:13	8320102

ENSR, Schenectady RI

Cyanide, Total

Lab Name:	TESTAMERICA PITTSBURGH	**Method:**	SW846 9012A
Client Name:	AECOM, Inc	**Lot Number:**	C8K010195
Matrix:	SOLID		

Distillation procedure

Client Sample ID	Sample Number	Workorder	Result	Units	Min. Detection Limit	Reporting Limit	Dilution Factor	Prep Date - Analysis Date/Time	QC Batch
SB26(35-37.5)	C8K010195 001	K14F41AG	0.51 J	mg/kg	0.12	0.60	1	11/7/2008 - 11/7/2008 13:32	8312156
SB48(9-10)	C8K010195 002	K14F51AH	13.5 J+	mg/kg	0.12	0.61	1	11/11/2008 - 11/11/2008 13:24	8316143
~~SB48(9-10)~~	~~C8K010195 002~~	~~K14F52AH~~	~~25.2~~	~~mg/kg~~	~~0.12~~	~~0.61~~	~~1~~	~~11/17/2008 - 11/17/2008 16:14~~	~~8322420~~
SB48(27.5-30)	C8K010195 003	K14F71AH	0.85 J U	mg/kg	0.11	0.59	1	11/11/2008 - 11/11/2008 13:24	8316143

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

ENSR, Schenectady RI

Cyanide, Total

Lab Name:	TESTAMERICA PITTSBURGH	**Method:**	SW846 9012A
Client Name:	ENSR International	**Lot Number:**	C8H080154
Matrix:	SOLID		

Distillation procedure

Client Sample ID	Sample Number	Workorder	Result	Units	Min. Detection Limit	Reporting Limit	Dilution Factor	Prep Date - Analysis Date/Time	QC Batch
SB46(74-76)	C8H080154 001	KTTRF1A6	~~0.30~~ B J U	mg/kg	0.11	0.57	1	8/12/2008 - 8/12/2008 14:34	8225208
SB49(8-10)	C8H080154 002	KTTRR1AH	5.1 J	mg/kg	0.14	0.75	1	8/12/2008 - 8/12/2008 14:34	8225208
SB49(22-24)	C8H080154 003	KTTR11AH	~~0.45~~ B J U	mg/kg	0.14	0.74	1	8/12/2008 - 8/12/2008 14:34	8225208
SB49(28-30)	C8H080154 004	KTTR41AH	~~0.40~~ B J U	mg/kg	0.13	0.68	1	8/12/2008 - 8/12/2008 14:34	8225208
SB49(72-74)	C8H080154 005	KTTR61AH	~~0.28~~ B J U	mg/kg	0.11	0.56	1	8/12/2008 - 8/12/2008 14:34	8225208

~~B Estimated result. Result is less than RL.~~

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

ENSR, Schenectady RI

Cyanide, Total

Lab Name:	TESTAMERICA PITTSBURGH	**Method:**	SW846 9012A
Client Name:	ENSR International	**Lot Number:**	C8G220214
Matrix:	SOLID		

Distillation procedure

Client Sample ID	Sample Number	Workorder	Result	Units	Min. Detection Limit	Reporting Limit	Dilution Factor	Prep Date - Analysis Date/Time	QC Batch
SB50(14.5-15)	C8G220214 001	KR0E21A6	10.7	mg/kg	0.12	0.63	1	7/23/2008 - 7/23/2008 14:30	8205135
SB50(22-24)	C8G220214 002	KR0FC1AH	0.13 B J	mg/kg	0.13	0.68	1	7/23/2008 - 7/23/2008 14:30	8205135
SB50(24-26)	C8G220214 003	KR0FG1AH	0.30 B J	mg/kg	0.12	0.60	1	7/23/2008 - 7/23/2008 14:30	8205135

B Estimated result. Result is less than RL.

ENSR, Schenectady RI

Cyanide, Total

Lab Name:	TESTAMERICA PITTSBURGH	**Method:**	SW846 9012A
Client Name:	ENSR International	**Lot Number:**	C8G260118
Matrix:	SOLID		

Distillation procedure

Client Sample ID	Sample Number	Workorder	Result	Units	Min. Detection Limit	Reporting Limit	Dilution Factor	Prep Date - Analysis Date/Time	QC Batch
SB50(80-81)	C8G260118 001	KR7VJ1A6	ND	mg/kg	0.11	0.59	1	7/29/2008 - 7/29/2008 13:32	8211160
SB46(8-10)	C8G260118 002	KR7VP1AH	20.3 J+	mg/kg	0.12	0.61	1	7/29/2008 - 7/29/2008 13:32	8211160

ENSR, Schenectady RI

Cyanide, Total

Lab Name:	TESTAMERICA PITTSBURGH	**Method:**	SW846 9012A
Client Name:	ENSR International	**Lot Number:**	C8I060176
Matrix:	SOLID		

Distillation procedure

Client Sample ID	Sample Number	Workorder	Result	Units	Min. Detection Limit	Reporting Limit	Dilution Factor	Prep Date - Analysis Date/Time	QC Batch
SB51(23.5-25.5)	C8I060176 001	KWE0P1A6	1.3	mg/kg	0.13	0.67	1	9/13/2008 - 9/15/2008 11:38	8257018

ENSR, Schenectady RI

Cyanide, Total

Lab Name:	TESTAMERICA PITTSBURGH	**Method:**	SW846 9012A
Client Name:	AECOM, Inc	**Lot Number:**	C8L110357
Matrix:	SOLID		

Distillation procedure

Client Sample ID	Sample Number	Workorder	Result	Units	Min. Detection Limit	Reporting Limit	Dilution Factor	Prep Date - Analysis Date/Time	QC Batch
SB27(23-23.5)	C8L110357 001	K4JV61A6	0.24 B J	mg/kg	0.11	0.59	1	12/16/2008 - 12/17/2008 07:51	8351373
SB27(35-36)	C8L110357 002	K4JWQ1A6	ND	mg/kg	0.11	0.60	1	12/16/2008 - 12/17/2008 07:51	8351373
SB53(25-26)	C8L110357 003	K4JW01A6	ND	mg/kg	0.11	0.58	1	12/16/2008 - 12/17/2008 07:51	8351373
SB54(11-12)	C8L110357 004	K4JW31A6	ND	mg/kg	0.12	0.61	1	12/16/2008 - 12/17/2008 07:52	8351373
SB56(11-12)	C8L110357 005	K4JW71A6	ND	mg/kg	0.12	0.62	1	12/16/2008 - 12/17/2008 07:52	8351373
SB57(11-12)	C8L110357 006	K4JW91A6	1.6	mg/kg	0.11	0.60	1	12/16/2008 - 12/17/2008 07:52	8351373
SB59(15-16)	C8L110357 007	K4JXG1A6	1.2	mg/kg	0.12	0.60	1	12/16/2008 - 12/17/2008 07:52	8351373
SB59(23-24)	C8L110357 008	K4JXL1A6	ND	mg/kg	0.12	0.60	1	12/16/2008 - 12/17/2008 07:52	8351373

ENSR, Schenectady RI

Percent Solids

Lab Name:	TESTAMERICA PITTSBURGH	Method:	SM20 2540G
Client Name:	ENSR International	Lot Number:	C8G160152
Matrix:	SOLID		

NO SAMPLE PREPARATION PERFORMED / DIRECT INJECTION

Client Sample ID	Sample Number	Workorder	Result	Units	Min. Detection Limit	Reporting Limit	Dilution Factor	Prep Date - Analysis Date/Time	QC Batch
TP10(29)E(8-8.5)	C8G160152 001	KRK1G1AA	87.6	%	0.0	1.0	1	7/22/2008 - 7/23/2008 05:20	8204028
TP10(31)E(8-8.5)	C8G160152 002	KRK2P1AH	85.0	%	0.0	1.0	1	7/22/2008 - 7/23/2008 05:20	8204028
TP11(50)E(8-8.5)	C8G160152 003	KRK2Q1AA	80.0	%	0.0	1.0	1	7/22/2008 - 7/23/2008 05:20	8204028
TP12(5)W(8-8.5)	C8G160152 004	KRK2R1A1	75.6	%	0.0	1.0	1	7/22/2008 - 7/23/2008 05:20	8204028
TP12(17)W(10.5-11)	C8G160152 005	KRK2T1AJ	80.5	%	0.0	1.0	1	7/22/2008 - 7/23/2008 05:20	8204028

ENSR, Schenectady RI

Percent Solids

Lab Name:	TESTAMERICA PITTSBURGH	**Method:**	SM20 2540G
Client Name:	ENSR International	**Lot Number:**	C8J290111
Matrix:	SOLID		

NO SAMPLE PREPARATION PERFORMED / DIRECT INJECTION

Client Sample ID	Sample Number	Workorder	Result	Units	Min. Detection Limit	Reporting Limit	Dilution Factor	Prep Date - Analysis Date/Time	QC Batch
SB34(32.5-35)	C8J290111 001	K1TDF1AA	84.4	%	0.0	1.0	1	10/31/2008 - 11/1/2008 09:05	8305422
SB34(42.5-45)	C8J290111 002	K1TDG1AJ	85.1	%	0.0	1.0	1	10/31/2008 - 11/1/2008 09:05	8305422
SB33(22.5-25)	C8J290111 003	K1TDH1AJ	84.5	%	0.0	1.0	1	10/31/2008 - 11/1/2008 09:05	8305422
SB33(35-37.5)	C8J290111 004	K1TDJ1AJ	85.6	%	0.0	1.0	1	10/31/2008 - 11/1/2008 09:05	8305422
SB28(33.5-35)	C8J290111 005	K1TDK1AJ	83.0	%	0.0	1.0	1	10/31/2008 - 11/1/2008 09:05	8305422
SB28(47.5-50)	C8J290111 006	K1TDL1AJ	86.4	%	0.0	1.0	1	10/31/2008 - 11/1/2008 09:05	8305422
SB30(41.5-43.5)	C8J290111 007	K1TDP1AJ	81.8	%	0.0	1.0	1	10/31/2008 - 11/1/2008 09:05	8305422
SB300(41.5-43.5)	C8J290111 008	K1TDQ1AJ	84.9	%	0.0	1.0	1	10/31/2008 - 11/1/2008 09:05	8305422
SB30(50-52.5)	C8J290111 009	K1TDV1AJ	85.3	%	0.0	1.0	1	10/31/2008 - 11/1/2008 09:05	8305422

ENSR, Schenectady RI

Percent Solids

Lab Name:	TESTAMERICA PITTSBURGH	**Method:**	SM20 2540G
Client Name:	ENSR International	**Lot Number:**	C8J160275
Matrix:	SOLID		

NO SAMPLE PREPARATION PERFORMED / DIRECT INJECTION

Client Sample ID	Sample Number	Workorder	Result	Units	Min. Detection Limit	Reporting Limit	Dilution Factor	Prep Date - Analysis Date/Time	QC Batch
SB36(17.5-20)	C8J160275 001	K017P1AA	83.4	%	0.0	1.0	1	10/26/2008 - 10/27/2008 05:00	8300060
SB36(32.5-35)	C8J160275 002	K017T1AJ	86.2	%	0.0	1.0	1	10/26/2008 - 10/27/2008 05:00	8300060
SB37(11-12)	C8J160275 003	K017V1AJ	78.2	%	0.0	1.0	1	10/26/2008 - 10/27/2008 05:00	8300060
SB37(57.6-60)	C8J160275 004	K017W1AJ	83.3	%	0.0	1.0	1	10/26/2008 - 10/27/2008 05:00	8300060
SB32(20-22.5)	C8J160275 005	K01711AJ	83.6	%	0.0	1.0	1	10/26/2008 - 10/27/2008 05:00	8300060
SB32(42-47.5)	C8J160275 006	K01731AJ	83.1	%	0.0	1.0	1	10/26/2008 - 10/27/2008 05:00	8300060

ENSR, Schenectady RI

Percent Solids

Lab Name:	TESTAMERICA PITTSBURGH	**Method:**	SM20 2540G
Client Name:	ENSR International	**Lot Number:**	C8J220183
Matrix:	SOLID		

NO SAMPLE PREPARATION PERFORMED / DIRECT INJECTION

Client Sample ID	Sample Number	Workorder	Result	Units	Min. Detection Limit	Reporting Limit	Dilution Factor	Prep Date - Analysis Date/Time	QC Batch
SB38(22.5-25)	C8J220183 001	K1CL01AA	82.2	%	0.0		1	10/30/2008 - 10/31/2008 08:4	8304326
SB38(45-47.5)	C8J220183 002	K1CL31AJ	83.9	%	0.0		1	10/30/2008 - 10/31/2008 08:4	8304326
SB31(25-27.5)	C8J220183 003	K1CL51AJ	81.6	%	0.0		1	10/30/2008 - 10/31/2008 08:4	8304326
SB31(47.5-50)	C8J220183 004	K1CL81AJ	78.0	%	0.0		1	10/30/2008 - 10/31/2008 08:4	8304326
SB39(32.5-35)	C8J220183 005	K1CMD1AJ	83.6	%	0.0		1	10/30/2008 - 10/31/2008 08:4	8304326
SB39(47.5-50)	C8J220183 006	K1CMG1AJ	81.9	%	0.0		1	10/30/2008 - 10/31/2008 08:4	8304326

ENSR, Schenectady RI

Percent Solids

Lab Name:	TESTAMERICA PITTSBURGH	**Method:**	SM20 2540G
Client Name:	ENSR International	**Lot Number:**	C8J110134
Matrix:	SOLID		

NO SAMPLE PREPARATION PERFORMED / DIRECT INJECTION

Client Sample ID	Sample Number	Workorder	Result	Units	Min. Detection Limit	Reporting Limit	Dilution Factor	Prep Date - Analysis Date/Time	QC Batch
SB40(14-16)	C8J110134 001	K0NCF1AA	82.9	%	0.0	1.0	1	10/22/2008 - 10/23/2008 05:00	8296063
SB40(50-52)	C8J110134 002	K0NCP1AJ	84.0	%	0.0	1.0	1	10/22/2008 - 10/23/2008 05:00	8296063
SB36(10-12)	C8J110134 003	K0NCR1AJ	79.8	%	0.0	1.0	1	10/22/2008 - 10/23/2008 05:00	8296063

ENSR, Schenectady RI

Percent Solids

Lab Name:	TESTAMERICA PITTSBURGH	**Method:**	SM20 2540G
Client Name:	ENSR International	**Lot Number:**	C8K040347
Matrix:	SOLID		

NO SAMPLE PREPARATION PERFORMED / DIRECT INJECTION

Client Sample ID	Sample Number	Workorder	Result	Units	Min. Detection Limit	Reporting Limit	Dilution Factor	Prep Date - Analysis Date/Time	QC Batch
SB43(40-42.5)	C8K040347 001	K18D51AA	89.2	%	0.0	1.0	1	11/7/2008 - 11/8/2008 08:35	8312449
SB43(50-52.5)	C8K040347 002	K18D71AJ	81.0	%	0.0	1.0	1	11/7/2008 - 11/8/2008 08:35	8312449
SB35(40-41.5)	C8K040347 003	K18D81AJ	80.8	%	0.0	1.0	1	11/7/2008 - 11/8/2008 08:35	8312449
SB35(45-47.5)	C8K040347 004	K18D91AJ	81.1	%	0.0	1.0	1	11/7/2008 - 11/8/2008 08:35	8312449

ENSR, Schenectady RI

Percent Solids

Lab Name:	TESTAMERICA PITTSBURGH	**Method:**	SM20 2540G
Client Name:	ENSR International	**Lot Number:**	C8J100124
Matrix:	SOLID		

NO SAMPLE PREPARATION PERFORMED / DIRECT INJECTION

Client Sample ID	Sample Number	Workorder	Result	Units	Min. Detection Limit	Reporting Limit	Dilution Factor	Prep Date - Analysis Date/Time	QC Batch
SB45(8-10)	C8J100124 001	K0KA91AA	83.3	%	0.0	1.0	1	10/16/2008 - 10/17/2008 06:30	8290321
SB45(20-22)	C8J100124 002	K0KCL1AJ	80.9	%	0.0	1.0	1	10/16/2008 - 10/17/2008 06:30	8290321
SB41(15-17)	C8J100124 003	K0KCM1AJ	78.6	%	0.0	1.0	1	10/16/2008 - 10/17/2008 06:30	8290321
SB4(20-22)	C8J100124 004	K0KCQ1AJ	76.6	%	0.0	1.0	1	10/16/2008 - 10/17/2008 06:30	8290321

ENSR, Schenectady RI

Percent Solids

Lab Name:	TESTAMERICA PITTSBURGH	**Method:**	SM20 2540G
Client Name:	AECOM, Inc	**Lot Number:**	C8K070273
Matrix:	SOLID		

NO SAMPLE PREPARATION PERFORMED / DIRECT INJECTION

Client Sample ID	Sample Number	Workorder	Result	Units	Min. Detection Limit	Reporting Limit	Dilution Factor	Prep Date - Analysis Date/Time	QC Batch
SB47(18-20.5)	C8K070273 001	K2HCH1AA	76.5	%	0.0	1.0	1	11/13/2008 - 11/14/2008 07:30	8318211
SB47(38-40)	C8K070273 002	K2HCQ1AJ	80.5	%	0.0	1.0	1	11/13/2008 - 11/14/2008 07:30	8318211
SB44(38-40)	C8K070273 003	K2HCW1AJ	83.1	%	0.0	1.0	1	11/13/2008 - 11/14/2008 07:30	8318211
SB440(38-40)	C8K070273 004	K2HC21AJ	83.0	%	0.0	1.0	1	11/13/2008 - 11/14/2008 07:30	8318211
SB44(52.5-55)	C8K070273 005	K2HC71A1	84.4	%	0.0	1.0	1	11/13/2008 - 11/14/2008 07:30	8318211

ENSR, Schenectady RI

Percent Solids

Lab Name:	TESTAMERICA PITTSBURGH	**Method:**	SM20 2540G
Client Name:	AECOM, Inc	**Lot Number:**	C8K010195
Matrix:	SOLID		

NO SAMPLE PREPARATION PERFORMED / DIRECT INJECTION

Client Sample ID	Sample Number	Workorder	Result	Units	Min. Detection Limit	Reporting Limit	Dilution Factor	Prep Date - Analysis Date/Time	QC Batch
SB26(35-37.5)	C8K010195 001	K14F41AA	82.9	%	0.0	1.0	1	11/6/2008 - 11/7/2008 08:35	8311168
SB48(9-10)	C8K010195 002	K14F51AJ	82.3	%	0.0	1.0	1	11/6/2008 - 11/7/2008 08:35	8311168
SB48(27.5-30)	C8K010195 003	K14F71AJ	84.2	%	0.0	1.0	1	11/6/2008 - 11/7/2008 08:35	8311168

ENSR, Schenectady RI

Percent Solids

Lab Name:	TESTAMERICA PITTSBURGH	**Method:**	SM20 2540G
Client Name:	ENSR International	**Lot Number:**	C8H080154
Matrix:	SOLID		

NO SAMPLE PREPARATION PERFORMED / DIRECT INJECTION

Client Sample ID	Sample Number	Workorder	Result	Units	Min. Detection Limit	Reporting Limit	Dilution Factor	Prep Date - Analysis Date/Time	QC Batch
SB46(74-76)	C8H080154 001	KTTRF1AA	87.9	%	0.0	1.0	1	8/12/2008 - 8/13/2008 07:31	8225103
SB49(8-10)	C8H080154 002	KTTRR1AJ	66.4	%	0.0	1.0	1	8/12/2008 - 8/13/2008 07:31	8225103
SB49(22-24)	C8H080154 003	KTTR11AJ	67.4	%	0.0	1.0	1	8/12/2008 - 8/13/2008 07:31	8225103
SB49(28-30)	C8H080154 004	KTTR41AJ	73.6	%	0.0	1.0	1	8/12/2008 - 8/13/2008 07:31	8225103
SB49(72-74)	C8H080154 005	KTTR61AJ	88.8	%	0.0	1.0	1	8/12/2008 - 8/13/2008 07:31	8225103

ENSR, Schenectady RI

Percent Solids

Lab Name:	TESTAMERICA PITTSBURGH	**Method:**	SM20 2540G
Client Name:	ENSR International	**Lot Number:**	C8G260118
Matrix:	SOLID		

NO SAMPLE PREPARATION PERFORMED / DIRECT INJECTION

Client Sample ID	Sample Number	Workorder	Result	Units	Min. Detection Limit	Reporting Limit	Dilution Factor	Prep Date - Analysis Date/Time	QC Batch
SB50(80-81)	C8G260118 001	KR7VJ1AA	84.4	%	0.0	1.0	1	8/4/2008 - 8/5/2008 00:00	8217030
SB46(8-10)	C8G260118 002	KR7VP1AJ	82.4	%	0.0	1.0	1	8/4/2008 - 8/5/2008 00:00	8217030

ENSR, Schenectady RI

Percent Solids

Lab Name:	TESTAMERICA PITTSBURGH	**Method:**	SM20 2540G
Client Name:	ENSR International	**Lot Number:**	C8G220214
Matrix:	SOLID		

NO SAMPLE PREPARATION PERFORMED / DIRECT INJECTION

Client Sample ID	Sample Number	Workorder	Result	Units	Min. Detection Limit	Reporting Limit	Dilution Factor	Prep Date - Analysis Date/Time	QC Batch
SB50(14.5-15)	C8G220214 001	KR0E21AA	79.1	%	0.0	1.0	1	7/23/2008 - 7/24/2008 05:50	8205180
SB50(22-24)	C8G220214 002	KR0FC1AJ	75.3	%	0.0	1.0	1	7/23/2008 - 7/24/2008 05:50	8205180
SB50(24-26)	C8G220214 003	KR0FG1AJ	83.0	%	0.0	1.0	1	7/23/2008 - 7/24/2008 05:50	8205180

ENSR, Schenectady RI

Percent Solids

Lab Name:	TESTAMERICA PITTSBURGH	**Method:**	SM20 2540G
Client Name:	ENSR International	**Lot Number:**	C8I060176
Matrix:	SOLID		

NO SAMPLE PREPARATION PERFORMED / DIRECT INJECTION

Client Sample ID	Sample Number	Workorder	Result	Units	Min. Detection Limit	Reporting Limit	Dilution Factor	Prep Date - Analysis Date/Time	QC Batch
SB51(23.5-25.5)	C8I060176 001	KWE0P1AA	74.6	%	0.0	1.0	1	9/10/2008 - 9/11/2008 05:05	8254109

ENSR, Schenectady RI

Percent Solids

Lab Name: TESTAMERICA PITTSBURGH
Client Name: AECOM, Inc
Matrix: SOLID
Method: SM20 2540G
Lot Number: C8L110357

NO SAMPLE PREPARATION PERFORMED / DIRECT INJECTION

Client Sample ID	Sample Number	Workorder	Result	Units	Min. Detection Limit	Reporting Limit	Dilution Factor	Prep Date - Analysis Date/Time	QC Batch
SB27(23-23.5)	C8L110357 001	K4JV61AA	84.8	%	0.0		1	12/12/2008 - 12/13/2008 07:47	8347266
SB27(35-36)	C8L110357 002	K4JWQ1AA	83.7	%	0.0		1	12/12/2008 - 12/13/2008 07:47	8347266
SB53(25-26)	C8L110357 003	K4JW01AA	85.6	%	0.0		1	12/12/2008 - 12/13/2008 07:47	8347266
SB54(11-12)	C8L110357 004	K4JW31AA	82.5	%	0.0		1	12/12/2008 - 12/13/2008 07:47	8347266
SB56(11-12)	C8L110357 005	K4JW71AA	80.6	%	0.0		1	12/12/2008 - 12/13/2008 07:47	8347266
SB57(11-12)	C8L110357 006	K4JW91AA	83.3	%	0.0		1	12/12/2008 - 12/13/2008 07:47	8347266
SB59(15-16)	C8L110357 007	K4JXG1AA	83.1	%	0.0		1	12/12/2008 - 12/13/2008 07:47	8347266
SB59(23-24)	C8L110357 008	K4JXL1AA	83.2	%	0.0		1	12/12/2008 - 12/13/2008 07:47	8347266

2008 Groundwater Results

July 2009

AECOM, Inc

Client Sample ID: CTM-MW-1

GC/MS Volatiles

Lot-Sample #...: C8L110371-007	**Work Order #...:** K4J3D1AA	**Matrix.....:** WG	
Date Sampled...: 12/10/08	**Date Received..:** 12/11/08	**MS Run #.....:** 8356031	
Prep Date.....: 12/21/08	**Analysis Date..:** 12/21/08		
Prep Batch #...: 8356039	**Analysis Time..:** 17:15		
Dilution Factor: 25	**Initial Wgt/Vol:** 5 mL	**Final Wgt/Vol..:** 5 mL	
Analyst ID.....: 001562	**Instrument ID..:** HP5		
	Method.....: SW846 8260B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	120	ug/L	62
Benzene	**410**	**25**	**ug/L**	**6.8**
Bromodichloromethane	ND	25	ug/L	5.0
Bromoform	ND	25	ug/L	6.1
Bromomethane	ND	25	ug/L	7.6
2-Butanone	ND	120	ug/L	12
Carbon disulfide	ND	25	ug/L	4.9
Carbon tetrachloride	ND	25	ug/L	7.6
Chlorobenzene	ND	25	ug/L	5.6
Chloroethane	ND	25	ug/L	6.2
Chloroform	ND	25	ug/L	6.0
Chloromethane	ND	25	ug/L	6.7
Cyclohexane	ND	25	ug/L	7.4
Dibromochloromethane	ND	25	ug/L	4.1
1,2-Dibromo-3-chloro-propane	ND	25	ug/L	6.0
1,2-Dibromoethane	ND	25	ug/L	5.7
1,3-Dichlorobenzene	ND	25	ug/L	4.1
1,4-Dichlorobenzene	ND	25	ug/L	4.4
1,2-Dichlorobenzene	ND	25	ug/L	5.4
Dichlorodifluoromethane	ND	25	ug/L	6.5
1,1-Dichloroethane	ND	25	ug/L	6.1
1,2-Dichloroethane	ND	25	ug/L	5.4
1,1-Dichloroethene	ND	25	ug/L	7.0
cis-1,2-Dichloroethene	ND	25	ug/L	6.8
trans-1,2-Dichloroethene	ND	25	ug/L	6.8
1,2-Dichloropropane	ND	25	ug/L	4.5
cis-1,3-Dichloropropene	ND	25	ug/L	4.9
trans-1,3-Dichloropropene	ND	25	ug/L	4.6
Ethylbenzene	**150**	**25**	**ug/L**	**4.5**
2-Hexanone	ND	120	ug/L	13
Isopropylbenzene	**11 J**	**25**	**ug/L**	**5.6**
Methyl acetate	ND	25	ug/L	2.6
Methylene chloride	ND	25	ug/L	7.9
Methylcyclohexane	ND	25	ug/L	7.9
4-Methyl-2-pentanone	ND	120	ug/L	5.6
Methyl tert-butyl ether	ND	25	ug/L	5.0

(Continued on next page)

AECOM, Inc

Client Sample ID: CTM-MW-1

GC/MS Volatiles

Lot-Sample #...: C8L110371-007 Work Order #...: K4J3D1AA Matrix.....: WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Styrene	ND	25	ug/L	5.4
1,1,2,2-Tetrachloroethane	ND	25	ug/L	3.8
1,2,4-Trichloro-benzene	ND	25	ug/L	3.8
Tetrachloroethene	ND	25	ug/L	5.9
1,1,1-Trichloroethane	ND	25	ug/L	6.3
1,1,2-Trichloroethane	ND	25	ug/L	4.9
Trichloroethene	ND	25	ug/L	7.3
Trichlorofluoromethane	ND	25	ug/L	2.0
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	25	ug/L	7.5
Toluene	**38**	**25**	**ug/L**	**5.8**
Vinyl chloride	ND	25	ug/L	7.3
Xylenes (total)	**380**	**75**	**ug/L**	15

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	99	(71 - 118)
1,2-Dichloroethane-d4	93	(64 - 135)
4-Bromofluorobenzene	99	(70 - 118)
Dibromofluoromethane	102	(70 - 128)

NOTE(S):

J Estimated result. Result is less than RL.

AECOM, Inc

Client Sample ID: CTM-MW-1

GC/MS Semivolatiles

Lot-Sample #...: C8L110371-007 Work Order #...: K4J3D1AC Matrix.....: WG
Date Sampled...: 12/10/08 11:55 Date Received..: 12/11/08 09:50 MS Run #.....:
Prep Date.....: 12/17/08 Analysis Date..: 12/24/08
Prep Batch #...: 8352356 Analysis Time..: 07:12
Dilution Factor: 10.3 Initial Wgt/Vol: 970 mL Final Wgt/Vol..: 10 mL
Analyst ID.....: 007062 Instrument ID..: 722
Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	**90**	**21**	**ug/L**	**1.5**
Acenaphthylene	**7.8 J**	**21**	**ug/L**	**0.87**
Acetophenone	ND	100	ug/L	2.3
Anthracene	ND	21	ug/L	11
Atrazine	ND	100	ug/L	2.1
Benzo(a)anthracene	ND	21	ug/L	1.8
Benzo(a)pyrene	ND	21	ug/L	1.2
Benzo(b)fluoranthene	ND	21	ug/L	1.7
Benzo(ghi)perylene	ND	21	ug/L	1.5
Benzo(k)fluoranthene	ND	21	ug/L	1.7
Benzaldehyde	ND 100 UJ	100	ug/L	5.2
1,1'-Biphenyl	ND	100	ug/L	1.6
bis(2-Chloroethoxy) methane	ND	100	ug/L	1.4
bis(2-Chloroethyl)-ether	ND	21	ug/L	2.7
bis(2-Ethylhexyl) phthalate	ND 100 UJ	100	ug/L	4.8
4-Bromophenyl phenyl ether	ND	100	ug/L	1.9
Butyl benzyl phthalate	ND	100	ug/L	32
Caprolactam	ND	520	ug/L	74
Carbazole	**57**	**21**	**ug/L**	**1.4**
4-Chloroaniline	ND 100 UJ	100	ug/L	11
4-Chloro-3-methylphenol	ND	100	ug/L	2.6
2-Chloronaphthalene	ND	21	ug/L	1.6
2-Chlorophenol	ND	100	ug/L	2.2
4-Chlorophenyl phenyl ether	ND	100	ug/L	1.1
Chrysene	ND	21	ug/L	1.1
Dibenz(a,h)anthracene	ND	21	ug/L	1.3
Dibenzofuran	**45 J**	**100**	**ug/L**	**1.9**
3,3'-Dichlorobenzidine	ND 100 UJ	100	ug/L	3.7
2,4-Dichlorophenol	ND	21	ug/L	1.4
Diethyl phthalate	ND	100	ug/L	4.6
2,4-Dimethylphenol	**89 J**	**100**	**ug/L**	**0.83**
Dimethyl phthalate	ND	100	ug/L	1.4

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AECOM, Inc

Client Sample ID: CTM-MW-1

GC/MS Semivolatiles

Lot-Sample #...: C8L110371-007 Work Order #...: K4J3D1AC Matrix.....: WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-butyl phthalate	ND	100	ug/L	3.1
4,6-Dinitro-2-methylphenol	ND 520 UJ	520	ug/L	80
2,4-Dinitrophenol	ND 520 UJ	520	ug/L	63
2,4-Dinitrotoluene	ND	100	ug/L	1.7
2,6-Dinitrotoluene	ND	100	ug/L	2.0
Di-n-octyl phthalate	ND	100	ug/L	1.6
Fluoranthene	**8.5 J**	**21**	**ug/L**	**1.0**
Fluorene	**47**	**21**	**ug/L**	**1.0**
Hexachlorobenzene	ND	21	ug/L	1.9
Hexachlorobutadiene	ND	21	ug/L	1.3
Hexachlorocyclopentadiene	ND 100 UJ	100	ug/L	1.2
Hexachloroethane	ND	100	ug/L	0.79
Indeno(1,2,3-cd)pyrene	ND	21	ug/L	1.7
Isophorone	ND	100	ug/L	3.0
2-Methylnaphthalene	**59**	**21**	**ug/L**	**1.6**
2-Methylphenol	ND	100	ug/L	1.4
4-Methylphenol	ND	100	ug/L	1.8
Naphthalene	**2100**	**21**	**ug/L**	**2.9**
2-Nitroaniline	ND	520	ug/L	1.7
3-Nitroaniline	ND 520 UJ	520	ug/L	2.7
4-Nitroaniline	ND 520 UJ	520	ug/L	2.3
Nitrobenzene	ND	21	ug/L	1.9
2-Nitrophenol	ND	100	ug/L	1.4
4-Nitrophenol	ND	520	ug/L	40
N-Nitrosodi-n-propylamine	ND	21	ug/L	4.0
N-Nitrosodiphenylamine	ND	21	ug/L	1.4
2,2'-oxybis (1-Chloropropane)	ND	21	ug/L	3.6
Pentachlorophenol	ND	100	ug/L	19
Phenanthrene	**24**	**21**	**ug/L**	**2.9**
Phenol	ND	21	ug/L	2.4
Pyrene	**3.9 J**	**21**	**ug/L**	**1.1**
2,4,5-Trichlorophenol	ND	100	ug/L	1.6
2,4,6-Trichlorophenol	ND	100	ug/L	0.94

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AECOM, Inc

Client Sample ID: CTM-MW-1

GC/MS Semivolatiles

Lot-Sample #...: C8L110371-007 Work Order #...: K4J3D1AC Matrix.....: WG

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	89	(33 - 122)
2-Fluorobiphenyl	81	(35 - 108)
2-Fluorophenol	67	(26 - 100)
Nitrobenzene-d5	71	(37 - 104)
Phenol-d5	66	(30 - 102)
Terphenyl-d14	93	(25 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

AECOM, Inc

Client Sample ID: CTM-MW-1

TOTAL Metals

Lot-Sample #...: C8L110371-007 Matrix.....: WG
Date Sampled...: 12/10/08 Date Received..: 12/11/08

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8351421						
Silver	0.57 B J	5.0	ug/L	SW846 6010B	12/16-12/28/08	K4J3D1AD
		Dilution Factor: 1		Analysis Time..: 19:45	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 0.54	
Aluminum	~~128 B,J~~ 200 U	200	ug/L	SW846 6010B	12/16-12/28/08	K4J3D1AE
		Dilution Factor: 1		Analysis Time..: 19:45	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 16.2	
Arsenic	6.7 B J	10.0	ug/L	SW846 6010B	12/16-12/28/08	K4J3D1AF
		Dilution Factor: 1		Analysis Time..: 19:45	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 2.0	
Barium	311 J	200	ug/L	SW846 6010B	12/16-12/28/08	K4J3D1AG
		Dilution Factor: 1		Analysis Time..: 19:45	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 0.26	
Beryllium	~~0.27 B,J~~ 4.0 U	4.0	ug/L	SW846 6010B	12/16-12/28/08	K4J3D1AH
		Dilution Factor: 1		Analysis Time..: 19:45	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 0.18	
Calcium	273000 J	5000	ug/L	SW846 6010B	12/16-12/28/08	K4J3D1AJ
		Dilution Factor: 1		Analysis Time..: 19:45	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 17.7	
Cadmium	0.28 B J	5.0	ug/L	SW846 6010B	12/16-12/28/08	K4J3D1AK
		Dilution Factor: 1		Analysis Time..: 19:45	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 0.21	
Cobalt	ND	50.0	ug/L	SW846 6010B	12/16-12/28/08	K4J3D1AL
		Dilution Factor: 1		Analysis Time..: 19:45	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 0.45	
Chromium	ND	5.0	ug/L	SW846 6010B	12/16-12/28/08	K4J3D1AM
		Dilution Factor: 1		Analysis Time..: 19:45	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 1.1	

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AECOM, Inc

Client Sample ID: CTM-MW-1

TOTAL Metals

Lot-Sample #...: C8L110371-007 Matrix.....: WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Copper	ND	25.0	ug/L	SW846 6010B	12/16-12/28/08	K4J3D1AN
	Dilution Factor: 1			Analysis Time..: 19:45	Analyst ID.....: 022952	
	Instrument ID..: TRACEICP			MS Run #.....: 8351251	MDL.....: 4.6	
Iron	24100	100	ug/L	SW846 6010B	12/16-12/28/08	K4J3D1AP
	Dilution Factor: 1			Analysis Time..: 19:45	Analyst ID.....: 022952	
	Instrument ID..: TRACEICP			MS Run #.....: 8351251	MDL.....: 8.4	
Potassium	29400	5000	ug/L	SW846 6010B	12/16-12/28/08	K4J3D1AQ
	Dilution Factor: 1			Analysis Time..: 19:45	Analyst ID.....: 022952	
	Instrument ID..: TRACEICP			MS Run #.....: 8351251	MDL.....: 750	
Magnesium	35000	5000	ug/L	SW846 6010B	12/16-12/28/08	K4J3D1AR
	Dilution Factor: 1			Analysis Time..: 19:45	Analyst ID.....: 022952	
	Instrument ID..: TRACEICP			MS Run #.....: 8351251	MDL.....: 21.8	
Manganese	2490	15.0	ug/L	SW846 6010B	12/16-12/28/08	K4J3D1AT
	Dilution Factor: 1			Analysis Time..: 19:45	Analyst ID.....: 022952	
	Instrument ID..: TRACEICP			MS Run #.....: 8351251	MDL.....: 0.57	
Sodium	627000	10000	ug/L	SW846 6010B	12/16-12/30/08	K4J3D1AU
	Dilution Factor: 2			Analysis Time..: 11:17	Analyst ID.....: 022952	
	Instrument ID..: TRACEICP			MS Run #.....: 8351251	MDL.....: 290	
Nickel	2.1 B J	40.0	ug/L	SW846 6010B	12/16-12/28/08	K4J3D1AV
	Dilution Factor: 1			Analysis Time..: 19:45	Analyst ID.....: 022952	
	Instrument ID..: TRACEICP			MS Run #.....: 8351251	MDL.....: 0.78	
Lead	ND	3.0	ug/L	SW846 6010B	12/16-12/28/08	K4J3D1AW
	Dilution Factor: 1			Analysis Time..: 19:45	Analyst ID.....: 022952	
	Instrument ID..: TRACEICP			MS Run #.....: 8351251	MDL.....: 1.7	
Selenium	ND	5.0	ug/L	SW846 6010B	12/16-12/28/08	K4J3D1AX
	Dilution Factor: 1			Analysis Time..: 19:45	Analyst ID.....: 022952	
	Instrument ID..: TRACEICP			MS Run #.....: 8351251	MDL.....: 2.9	
Thallium	ND	10.0	ug/L	SW846 6010B	12/16-12/28/08	K4J3D1A0
	Dilution Factor: 1			Analysis Time..: 19:45	Analyst ID.....: 022952	
	Instrument ID..: TRACEICP			MS Run #.....: 8351251	MDL.....: 2.8	

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AECOM, Inc

Client Sample ID: CTM-MW-1

TOTAL Metals

Lot-Sample #...: C8L110371-007 Matrix.....: WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	ND	10.0	ug/L	SW846 6010B	12/16-12/28/08	K4J3D1A1
		Dilution Factor: 1		Analysis Time..: 19:45	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 1.8	
Vanadium	ND	50.0	ug/L	SW846 6010B	12/16-12/28/08	K4J3D1A2
		Dilution Factor: 1		Analysis Time..: 19:45	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 2.4	
Zinc	~~5.7 B,J~~ 20.0 U	**20.0**	**ug/L**	**SW846 6010B**	**12/16-12/28/08**	**K4J3D1A3**
		Dilution Factor: 1		Analysis Time..: 19:45	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 3.1	
Prep Batch #...: 8357147						
Mercury	ND	0.20	ug/L	SW846 7470A	12/22/08	K4J3D1A4
		Dilution Factor: 1		Analysis Time..: 13:11	Analyst ID.....: 403938	
		Instrument ID..: HGHYDRA		MS Run #.....: 8357101	MDL.....: 0.016	

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.

AECOM, Inc

Client Sample ID: CTM-1

GC/MS Volatiles

Lot-Sample #...: C8L120342-007	Work Order #...: K4MV11AH	Matrix.....: WG
Date Sampled...: 12/11/08	Date Received..: 12/12/08	MS Run #.....: 8358359
Prep Date.....: 12/23/08	Analysis Date..: 12/24/08	
Prep Batch #...: 8358632	Analysis Time..: 00:53	
Dilution Factor: 1	Initial Wgt/Vol: 5 mL	Final Wgt/Vol..: 5 mL
Analyst ID.....: 403794	Instrument ID..: HP5	
	Method.....: SW846 8260B	

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	5.0	ug/L	2.5
Benzene	ND	1.0	ug/L	0.27
Bromodichloromethane	ND	1.0	ug/L	0.20
Bromoform	ND	1.0	ug/L	0.25
Bromomethane	ND	1.0	ug/L	0.30
2-Butanone	ND	5.0	ug/L	0.50
Carbon disulfide	ND	1.0	ug/L	0.20
Carbon tetrachloride	ND	1.0	ug/L	0.30
Chlorobenzene	ND	1.0	ug/L	0.23
Chloroethane	ND	1.0	ug/L	0.25
Chloroform	ND	1.0	ug/L	0.24
Chloromethane	ND	1.0	ug/L	0.27
Cyclohexane	ND	1.0	ug/L	0.30
Dibromochloromethane	ND	1.0	ug/L	0.16
1,2-Dibromo-3-chloro-propane	ND	1.0	ug/L	0.24
1,2-Dibromoethane	ND	1.0	ug/L	0.23
1,3-Dichlorobenzene	ND	1.0	ug/L	0.16
1,4-Dichlorobenzene	ND	1.0	ug/L	0.18
1,2-Dichlorobenzene	ND	1.0	ug/L	0.22
Dichlorodifluoromethane	ND 1.0 UJ	1.0	ug/L	0.26
1,1-Dichloroethane	ND	1.0	ug/L	0.24
1,2-Dichloroethane	ND	1.0	ug/L	0.21
1,1-Dichloroethene	ND	1.0	ug/L	0.28
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.27
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.27
1,2-Dichloropropane	ND	1.0	ug/L	0.18
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.19
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.18
Ethylbenzene	ND	1.0	ug/L	0.18
2-Hexanone	ND	5.0	ug/L	0.53
Isopropylbenzene	**0.24 J**	**1.0**	**ug/L**	**0.22**
Methyl acetate	ND	1.0	ug/L	0.10
Methylene chloride	ND	1.0	ug/L	0.32
Methylcyclohexane	ND	1.0	ug/L	0.32
4-Methyl-2-pentanone	ND	5.0	ug/L	0.23
Methyl tert-butyl ether	ND	1.0	ug/L	0.20

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AECOM, Inc

Client Sample ID: CTM-1

GC/MS Volatiles

Lot-Sample #...: C8L120342-007 Work Order #...: K4MV11AH Matrix.....: WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Styrene	ND	1.0	ug/L	0.22
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.15
1,2,4-Trichloro-benzene	ND	1.0	ug/L	0.15
Tetrachloroethene	ND	1.0	ug/L	0.24
1,1,1-Trichloroethane	ND	1.0	ug/L	0.25
1,1,2-Trichloroethane	ND	1.0	ug/L	0.20
Trichloroethene	ND	1.0	ug/L	0.29
Trichlorofluoromethane	ND	1.0	ug/L	0.080
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L	0.30
Toluene	ND	1.0	ug/L	0.23
Vinyl chloride	ND	1.0	ug/L	0.29
Xylenes (total)	ND	3.0	ug/L	0.62

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	102	(71 - 118)
1,2-Dichloroethane-d4	91	(64 - 135)
4-Bromofluorobenzene	100	(70 - 118)
Dibromofluoromethane	102	(70 - 128)

NOTE(S):

J Estimated result. Result is less than RL.

AECOM, Inc

Client Sample ID: CTM-1

GC/MS Semivolatiles

Lot-Sample #...:	C8L120342-007	**Work Order #...:**	K4MV11AJ	**Matrix.....:**	WG
Date Sampled...:	12/11/08 09:02	**Date Received..:**	12/12/08 10:00	**MS Run #.....:**	
Prep Date.....:	12/18/08	**Analysis Date..:**	12/22/08		
Prep Batch #...:	8354035	**Analysis Time..:**	08:32		
Dilution Factor:	0.97	**Initial Wgt/Vol:**	1030 mL	**Final Wgt/Vol..:**	10 mL
Analyst ID.....:	003200	**Instrument ID..:**	731		
		Method.....:	SW846 8270C		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	**4.6**	**1.9**	**ug/L**	**0.14**
Acenaphthylene	ND	1.9	ug/L	0.082
Acetophenone	ND	9.7	ug/L	0.21
Anthracene	ND	1.9	ug/L	1.0
Atrazine	ND	9.7	ug/L	0.20
Benzo(a)anthracene	ND	1.9	ug/L	0.17
Benzo(a)pyrene	ND	1.9	ug/L	0.11
Benzo(b)fluoranthene	ND	1.9	ug/L	0.16
Benzo(ghi)perylene	ND	1.9	ug/L	0.14
Benzo(k)fluoranthene	ND	1.9	ug/L	0.16
Benzaldehyde	ND	9.7	ug/L	0.49
1,1'-Biphenyl	ND	9.7	ug/L	0.15
bis(2-Chloroethoxy) methane	ND	9.7	ug/L	0.13
bis(2-Chloroethyl)-ether	ND	1.9	ug/L	0.26
bis(2-Ethylhexyl) phthalate	ND	9.7	ug/L	0.45
4-Bromophenyl phenyl ether	ND	9.7	ug/L	0.18
Butyl benzyl phthalate	ND	9.7	ug/L	3.0
Caprolactam	ND	48	ug/L	7.0
Carbazole	ND	1.9	ug/L	0.13
4-Chloroaniline	ND	9.7	ug/L	1.1
4-Chloro-3-methylphenol	ND	9.7	ug/L	0.25
2-Chloronaphthalene	ND	1.9	ug/L	0.15
2-Chlorophenol	ND	9.7	ug/L	0.20
4-Chlorophenyl phenyl ether	ND	9.7	ug/L	0.10
Chrysene	ND	1.9	ug/L	0.10
Dibenz(a,h)anthracene	ND	1.9	ug/L	0.12
Dibenzofuran	**0.60 J**	**9.7**	**ug/L**	**0.18**
3,3'-Dichlorobenzidine	ND	9.7	ug/L	0.35
2,4-Dichlorophenol	ND	1.9	ug/L	0.13
Diethyl phthalate	ND	9.7	ug/L	0.44
2,4-Dimethylphenol	ND	9.7	ug/L	0.078
Dimethyl phthalate	ND	9.7	ug/L	0.14

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AECOM, Inc

Client Sample ID: CTM-1

GC/MS Semivolatiles

Lot-Sample #...: C8L120342-007 Work Order #...: K4MV11AJ Matrix.....: WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-butyl phthalate	ND	9.7	ug/L	0.29
4,6-Dinitro-2-methylphenol	ND	48	ug/L	7.6
2,4-Dinitrophenol	ND 48 U5	48	ug/L	6.0
2,4-Dinitrotoluene	ND	9.7	ug/L	0.16
2,6-Dinitrotoluene	ND	9.7	ug/L	0.19
Di-n-octyl phthalate	ND	9.7	ug/L	0.15
Fluoranthene	**0.33 J**	**1.9**	**ug/L**	**0.097**
Fluorene	**1.8 J**	**1.9**	**ug/L**	**0.096**
Hexachlorobenzene	ND	1.9	ug/L	0.18
Hexachlorobutadiene	ND	1.9	ug/L	0.12
Hexachlorocyclopenta-diene	ND	9.7	ug/L	0.11
Hexachloroethane	ND	9.7	ug/L	0.074
Indeno(1,2,3-cd)pyrene	ND	1.9	ug/L	0.16
Isophorone	ND	9.7	ug/L	0.28
2-Methylnaphthalene	ND	1.9	ug/L	0.15
2-Methylphenol	ND	9.7	ug/L	0.14
4-Methylphenol	ND	9.7	ug/L	0.17
Naphthalene	ND	1.9	ug/L	0.27
2-Nitroaniline	ND	48	ug/L	0.16
3-Nitroaniline	ND	48	ug/L	0.25
4-Nitroaniline	ND	48	ug/L	0.22
Nitrobenzene	ND	1.9	ug/L	0.17
2-Nitrophenol	ND	9.7	ug/L	0.14
4-Nitrophenol	ND	48	ug/L	3.8
N-Nitrosodi-n-propyl-amine	ND	1.9	ug/L	0.37
N-Nitrosodiphenylamine	ND	1.9	ug/L	0.13
2,2'-oxybis (1-Chloropropane)	ND	1.9	ug/L	0.34
Pentachlorophenol	ND	9.7	ug/L	1.8
Phenanthrene	**3.0**	**1.9**	**ug/L**	**0.28**
Phenol	ND	1.9	ug/L	0.23
Pyrene	**0.20 J**	**1.9**	**ug/L**	**0.11**
2,4,5-Trichloro-phenol	ND	9.7	ug/L	0.15
2,4,6-Trichloro-phenol	ND	9.7	ug/L	0.088

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AECOM, Inc

Client Sample ID: CTM-1

GC/MS Semivolatiles

Lot-Sample #...: C8L120342-007 Work Order #...: K4MV11AJ Matrix.....: WG

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	63	(33 - 122)
2-Fluorobiphenyl	72	(35 - 108)
2-Fluorophenol	67	(26 - 100)
Nitrobenzene-d5	73	(37 - 104)
Phenol-d5	65	(30 - 102)
Terphenyl-d14	49	(25 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

ARCOM, Inc

Client Sample ID: CTM-1

TOTAL Metals

Lot-Sample #...: C8L120342-007 Matrix.....: WG
Date Sampled...: 12/11/08 Date Received..: 12/12/08

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8351456						
Silver	0.61 B	5.0	ug/L	SW846 6010B	12/16-01/01/09	K4MV11AK
		Dilution Factor: 1		Analysis Time..: 02:15	Analyst ID.....: 400491	
		Instrument ID..: TRACEICP		MS Run #.....: 8351266	MDL.....: 0.54	
Aluminum	67.8 B	200	ug/L	SW846 6010B	12/16-01/01/09	K4MV11AL
		Dilution Factor: 1		Analysis Time..: 02:15	Analyst ID.....: 400491	
		Instrument ID..: TRACEICP		MS Run #.....: 8351266	MDL.....: 16.2	
Arsenic	8.1 B J	10.0	ug/L	SW846 6010B	12/16-01/01/09	K4MV11AM
		Dilution Factor: 1		Analysis Time..: 02:15	Analyst ID.....: 400491	
		Instrument ID..: TRACEICP		MS Run #.....: 8351266	MDL.....: 2.0	
Barium	521	200	ug/L	SW846 6010B	12/16-01/01/09	K4MV11AN
		Dilution Factor: 1		Analysis Time..: 02:15	Analyst ID.....: 400491	
		Instrument ID..: TRACEICP		MS Run #.....: 8351266	MDL.....: 0.26	
Beryllium	ND	4.0	ug/L	SW846 6010B	12/16-01/01/09	K4MV11AP
		Dilution Factor: 1		Analysis Time..: 02:15	Analyst ID.....: 400491	
		Instrument ID..: TRACEICP		MS Run #.....: 8351266	MDL.....: 0.18	
Calcium	335000 J	5000	ug/L	SW846 6010B	12/16-01/01/09	K4MV11AQ
		Dilution Factor: 1		Analysis Time..: 02:15	Analyst ID.....: 400491	
		Instrument ID..: TRACEICP		MS Run #.....: 8351266	MDL.....: 17.7	
Cadmium	0.23 B J	5.0	ug/L	SW846 6010B	12/16-01/01/09	K4MV11AR
		Dilution Factor: 1		Analysis Time..: 02:15	Analyst ID.....: 400491	
		Instrument ID..: TRACEICP		MS Run #.....: 8351266	MDL.....: 0.21	
Cobalt	ND	50.0	ug/L	SW846 6010B	12/16-01/01/09	K4MV11AT
		Dilution Factor: 1		Analysis Time..: 02:15	Analyst ID.....: 400491	
		Instrument ID..: TRACEICP		MS Run #.....: 8351266	MDL.....: 0.45	
Chromium	ND	5.0	ug/L	SW846 6010B	12/16-01/01/09	K4MV11AU
		Dilution Factor: 1		Analysis Time..: 02:15	Analyst ID.....: 400491	
		Instrument ID..: TRACEICP		MS Run #.....: 8351266	MDL.....: 1.1	

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AECOM, Inc

Client Sample ID: CTM-1

TOTAL Metals

Lot-Sample #...: C8L120342-007 Matrix.....: WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Copper	ND	25.0	ug/L	SW846 6010B	12/16-01/01/09	K4MV11AV
	Dilution Factor: 1			Analysis Time..: 02:15	Analyst ID.....: 400491	
	Instrument ID..: TRACEICP			MS Run #.....: 8351266	MDL.....: 4.6	
Iron	50100	100	ug/L	SW846 6010B	12/16-01/01/09	K4MV11AW
	Dilution Factor: 1			Analysis Time..: 02:15	Analyst ID.....: 400491	
	Instrument ID..: TRACEICP			MS Run #.....: 8351266	MDL.....: 8.4	
Potassium	20200	5000	ug/L	SW846 6010B	12/16-01/01/09	K4MV11AX
	Dilution Factor: 1			Analysis Time..: 02:15	Analyst ID.....: 400491	
	Instrument ID..: TRACEICP			MS Run #.....: 8351266	MDL.....: 750	
Magnesium	27800	5000	ug/L	SW846 6010B	12/16-01/01/09	K4MV11A0
	Dilution Factor: 1			Analysis Time..: 02:15	Analyst ID.....: 400491	
	Instrument ID..: TRACEICP			MS Run #.....: 8351266	MDL.....: 21.0	
Manganese	2540	15.0	ug/L	SW846 6010B	12/16-01/01/09	K4MV11A1
	Dilution Factor: 1			Analysis Time..: 02:15	Analyst ID.....: 400491	
	Instrument ID..: TRACEICP			MS Run #.....: 8351266	MDL.....: 0.57	
Sodium	828000	25000	ug/L	SW846 6010B	12/16-01/02/09	K4MV11A2
	Dilution Factor: 5			Analysis Time..: 14:11	Analyst ID.....: 400491	
	Instrument ID..: TRACEICP			MS Run #.....: 8351266	MDL.....: 726	
Nickel	ND	40.0	ug/L	SW846 6010B	12/16-01/01/09	K4MV11A3
	Dilution Factor: 1			Analysis Time..: 02:15	Analyst ID.....: 400491	
	Instrument ID..: TRACEICP			MS Run #.....: 8351266	MDL.....: 0.78	
Lead	ND	3.0	ug/L	SW846 6010B	12/16-01/01/09	K4MV11A4
	Dilution Factor: 1			Analysis Time..: 02:15	Analyst ID.....: 400491	
	Instrument ID..: TRACEICP			MS Run #.....: 8351266	MDL.....: 1.7	
Selenium	ND	5.0	ug/L	SW846 6010B	12/16-01/01/09	K4MV11A5
	Dilution Factor: 1			Analysis Time..: 02:15	Analyst ID.....: 400491	
	Instrument ID..: TRACEICP			MS Run #.....: 8351266	MDL.....: 2.9	
Thallium	ND	10.0	ug/L	SW846 6010B	12/16-01/01/09	K4MV11AA
	Dilution Factor: 1			Analysis Time..: 02:15	Analyst ID.....: 400491	
	Instrument ID..: TRACEICP			MS Run #.....: 8351266	MDL.....: 2.8	

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AECOM, Inc

Client Sample ID: CTM-1

TOTAL Metals

Lot-Sample #...: C8L120342-007 Matrix.....: WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	ND	10.0	ug/L	SW846 6010B	12/16-01/01/09	K4MV11AC
		Dilution Factor: 1		Analysis Time..: 02:15	Analyst ID.....: 400491	
		Instrument ID..: TRACEICP		MS Run #.....: 8351266	MDL.....: 1.8	
Vanadium	2.4 B J	50.0	ug/L	SW846 6010B	12/16-01/01/09	K4MV11AD
		Dilution Factor: 1		Analysis Time..: 02:15	Analyst ID.....: 400491	
		Instrument ID..: TRACEICP		MS Run #.....: 8351266	MDL.....: 2.4	
Zinc	~~3.7 B,J~~ 2.0 U	20.0	ug/L	SW846 6010B	12/16-01/01/09	K4MV11AE
		Dilution Factor: 1		Analysis Time..: 02:15	Analyst ID.....: 400491	
		Instrument ID..: TRACEICP		MS Run #.....: 8351266	MDL.....: 3.1	
Prep Batch #...: 8365023						
Mercury	ND	0.20	ug/L	SW846 7470A	12/30/08	K4MV11AF
		Dilution Factor: 1		Analysis Time..: 10:37	Analyst ID.....: 031043	
		Instrument ID..: HGHYDRA		MS Run #.....: 8365013	MDL.....: 0.016	

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.

AECOM, Inc

Client Sample ID: CTM-14

GC/MS Volatiles

Lot-Sample #...:	C8L110371-006	**Work Order #...:**	K4J3C1AA	**Matrix.....:**	WG
Date Sampled...:	12/10/08	**Date Received..:**	12/11/08	**MS Run #.....:**	8356031
Prep Date.....:	12/21/08	**Analysis Date..:**	12/21/08		
Prep Batch #...:	8356039	**Analysis Time..:**	09:47		
Dilution Factor:	1	**Initial Wgt/Vol:**	5 mL	**Final Wgt/Vol..:**	5 mL
Analyst ID.....:	001562	**Instrument ID..:**	HP5		
		Method.....:	SW846 8260B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	5.0	ug/L	2.5
Benzene	ND	1.0	ug/L	0.27
Bromodichloromethane	ND	1.0	ug/L	0.20
Bromoform	ND	1.0	ug/L	0.25
Bromomethane	ND	1.0	ug/L	0.30
2-Butanone	ND	5.0	ug/L	0.50
Carbon disulfide	ND	1.0	ug/L	0.20
Carbon tetrachloride	ND	1.0	ug/L	0.30
Chlorobenzene	ND	1.0	ug/L	0.23
Chloroethane	ND	1.0	ug/L	0.25
Chloroform	ND	1.0	ug/L	0.24
Chloromethane	ND	1.0	ug/L	0.27
Cyclohexane	ND	1.0	ug/L	0.30
Dibromochloromethane	ND	1.0	ug/L	0.16
1,2-Dibromo-3-chloro-propane	ND	1.0	ug/L	0.24
1,2-Dibromoethane	ND	1.0	ug/L	0.23
1,3-Dichlorobenzene	ND	1.0	ug/L	0.16
1,4-Dichlorobenzene	ND	1.0	ug/L	0.18
1,2-Dichlorobenzene	ND	1.0	ug/L	0.22
Dichlorodifluoromethane	ND	1.0	ug/L	0.26
1,1-Dichloroethane	ND	1.0	ug/L	0.24
1,2-Dichloroethane	ND	1.0	ug/L	0.21
1,1-Dichloroethene	ND	1.0	ug/L	0.28
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.27
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.27
1,2-Dichloropropane	ND	1.0	ug/L	0.18
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.19
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.18
Ethylbenzene	ND	1.0	ug/L	0.18
2-Hexanone	ND	5.0	ug/L	0.53
Isopropylbenzene	ND	1.0	ug/L	0.22
Methyl acetate	ND	1.0	ug/L	0.10
Methylene chloride	ND	1.0	ug/L	0.32
Methylcyclohexane	ND	1.0	ug/L	0.32
4-Methyl-2-pentanone	ND	5.0	ug/L	0.23
Methyl tert-butyl ether	ND	1.0	ug/L	0.20

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AECOM, Inc

Client Sample ID: CTM-14

GC/MS Volatiles

Lot-Sample #...: C8L110371-006 Work Order #...: K4J3C1AA Matrix.....: WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Styrene	ND	1.0	ug/L	0.22
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.15
1,2,4-Trichloro-benzene	ND	1.0	ug/L	0.15
Tetrachloroethene	ND	1.0	ug/L	0.24
1,1,1-Trichloroethane	ND	1.0	ug/L	0.25
1,1,2-Trichloroethane	ND	1.0	ug/L	0.20
Trichloroethene	ND	1.0	ug/L	0.29
Trichlorofluoromethane	ND	1.0	ug/L	0.080
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L	0.30
Toluene	ND	1.0	ug/L	0.23
Vinyl chloride	ND	1.0	ug/L	0.29
Xylenes (total)	ND	3.0	ug/L	0.62

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	99	(71 - 118)
1,2-Dichloroethane-d4	91	(64 - 135)
4-Bromofluorobenzene	103	(70 - 118)
Dibromofluoromethane	107	(70 - 128)

AECOM, Inc

Client Sample ID: CTM-14

GC/MS Semivolatiles

Lot-Sample #...: C8L110371-006 Work Order #...: K4J3C1AC Matrix.....: WG
Date Sampled...: 12/10/08 08:34 Date Received..: 12/11/08 09:50 MS Run #.....:
Prep Date.....: 12/17/08 Analysis Date..: 12/24/08
Prep Batch #...: 8352356 Analysis Time..: 06:50
Dilution Factor: 1.01 Initial Wgt/Vol: 990 mL Final Wgt/Vol..: 10 mL
Analyst ID.....: 007062 Instrument ID..: 722
Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	**2.2**	**2.0**	**ug/L**	**0.15**
Acenaphthylene	**2.0**	**2.0**	**ug/L**	**0.085**
Acetophenone	ND	10	ug/L	0.22
Anthracene	ND	2.0	ug/L	1.0
Atrazine	ND	10	ug/L	0.20
Benzo(a)anthracene	ND	2.0	ug/L	0.18
Benzo(a)pyrene	ND	2.0	ug/L	0.12
Benzo(b)fluoranthene	ND	2.0	ug/L	0.16
Benzo(ghi)perylene	ND	2.0	ug/L	0.15
Benzo(k)fluoranthene	ND	2.0	ug/L	0.17
Benzaldehyde	ND *10 UJ*	10	ug/L	0.51
1,1'-Biphenyl	ND	10	ug/L	0.16
bis(2-Chloroethoxy) methane	ND	10	ug/L	0.14
bis(2-Chloroethyl)-ether	ND	2.0	ug/L	0.27
bis(2-Ethylhexyl) phthalate	ND *10 UJ*	10	ug/L	0.47
4-Bromophenyl phenyl ether	ND	10	ug/L	0.19
Butyl benzyl phthalate	ND	10	ug/L	3.1
Caprolactam	ND	50	ug/L	7.3
Carbazole	**2.4**	**2.0**	**ug/L**	**0.14**
4-Chloroaniline	ND *10 UJ*	10	ug/L	1.1
4-Chloro-3-methylphenol	ND	10	ug/L	0.26
2-Chloronaphthalene	ND	2.0	ug/L	0.15
2-Chlorophenol	ND	10	ug/L	0.21
4-Chlorophenyl phenyl ether	ND	10	ug/L	0.11
Chrysene	ND	2.0	ug/L	0.11
Dibenz(a,h)anthracene	ND	2.0	ug/L	0.13
Dibenzofuran	**2.3 J**	**10**	**ug/L**	**0.19**
3,3'-Dichlorobenzidine	ND *10 UJ*	10	ug/L	0.37
2,4-Dichlorophenol	ND	2.0	ug/L	0.14
Diethyl phthalate	ND	10	ug/L	0.45
2,4-Dimethylphenol	ND	10	ug/L	0.081
Dimethyl phthalate	ND	10	ug/L	0.14

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AECOM, Inc

Client Sample ID: CTM-14

GC/MS Semivolatiles

Lot-Sample #...: C8L110371-006 Work Order #...: K4J3C1AC Matrix.....: WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-butyl phthalate	ND	10	ug/L	0.30
4,6-Dinitro-2-methylphenol	ND 50 UJ	50	ug/L	7.9
2,4-Dinitrophenol	ND 50 UJ	50	ug/L	6.2
2,4-Dinitrotoluene	ND	10	ug/L	0.17
2,6-Dinitrotoluene	ND	10	ug/L	0.19
Di-n-octyl phthalate	ND	10	ug/L	0.16
Fluoranthene	**1.2 J**	**2.0**	**ug/L**	**0.10**
Fluorene	ND	2.0	ug/L	0.10
Hexachlorobenzene	ND	2.0	ug/L	0.18
Hexachlorobutadiene	ND	2.0	ug/L	0.12
Hexachlorocyclopentadiene	ND 10 UJ	10	ug/L	0.12
Hexachloroethane	ND	10	ug/L	0.077
Indeno(1,2,3-cd)pyrene	ND	2.0	ug/L	0.16
Isophorone	ND	10	ug/L	0.29
2-Methylnaphthalene	**1.4 J**	**2.0**	**ug/L**	**0.16**
2-Methylphenol	ND	10	ug/L	0.14
4-Methylphenol	ND	10	ug/L	0.18
Naphthalene	**15**	**2.0**	**ug/L**	**0.28**
2-Nitroaniline	ND	50	ug/L	0.17
3-Nitroaniline	ND 50 UJ	50	ug/L	0.26
4-Nitroaniline	ND 50 UJ	50	ug/L	0.23
Nitrobenzene	ND	2.0	ug/L	0.18
2-Nitrophenol	ND	10	ug/L	0.14
4-Nitrophenol	ND	50	ug/L	4.0
N-Nitrosodi-n-propylamine	ND	2.0	ug/L	0.39
N-Nitrosodiphenylamine	ND	2.0	ug/L	0.14
2,2'-oxybis(1-Chloropropane)	ND	2.0	ug/L	0.35
Pentachlorophenol	ND	10	ug/L	1.9
Phenanthrene	**2.8**	**2.0**	**ug/L**	**0.29**
Phenol	ND	2.0	ug/L	0.24
Pyrene	**0.76 J**	**2.0**	**ug/L**	**0.11**
2,4,5-Trichlorophenol	ND	10	ug/L	0.15
2,4,6-Trichlorophenol	ND	10	ug/L	0.092

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AECOM, Inc

Client Sample ID: CTM-14

GC/MS Semivolatiles

Lot-Sample #...: C8L110371-006 Work Order #...: K4J3C1AC Matrix.....: WG

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	90	(33 - 122)
2-Fluorobiphenyl	64	(35 - 108)
2-Fluorophenol	53	(26 - 100)
Nitrobenzene-d5	54	(37 - 104)
Phenol-d5	57	(30 - 102)
Terphenyl-d14	75	(25 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

AECOM, Inc

Client Sample ID: CTM-14

TOTAL Metals

Lot-Sample #...: C8L110371-006 Matrix.....: WG
Date Sampled...: 12/10/08 Date Received..: 12/11/08

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8351421						
Silver	ND	5.0	ug/L	SW846 6010B	12/16-12/28/08	K4J3C1AD
		Dilution Factor: 1		Analysis Time..: 19:40	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 0.54	
Aluminum	~~147 B,J~~ 100 U	200	ug/L	SW846 6010B	12/16-12/28/08	K4J3C1AE
		Dilution Factor: 1		Analysis Time..: 19:40	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 16.2	
Arsenic	6.0 B J	10.0	ug/L	SW846 6010B	12/16-12/28/08	K4J3C1AF
		Dilution Factor: 1		Analysis Time..: 19:40	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 2.0	
Barium	~~129 B,J~~ 200 U	200	ug/L	SW846 6010B	12/16-12/28/08	K4J3C1AG
		Dilution Factor: 1		Analysis Time..: 19:40	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 0.26	
Beryllium	~~0.40 B,J~~ 4.0 U	4.0	ug/L	SW846 6010B	12/16-12/28/08	K4J3C1AH
		Dilution Factor: 1		Analysis Time..: 19:40	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 0.18	
Calcium	177000 J	5000	ug/L	SW846 6010B	12/16-12/28/08	K4J3C1AJ
		Dilution Factor: 1		Analysis Time..: 19:40	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 17.7	
Cadmium	ND	5.0	ug/L	SW846 6010B	12/16-12/28/08	K4J3C1AK
		Dilution Factor: 1		Analysis Time..: 19:40	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 0.21	
Cobalt	0.57 B J	50.0	ug/L	SW846 6010B	12/16-12/28/08	K4J3C1AL
		Dilution Factor: 1		Analysis Time..: 19:40	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 0.45	
Chromium	ND	5.0	ug/L	SW846 6010B	12/16-12/28/08	K4J3C1AM
		Dilution Factor: 1		Analysis Time..: 19:40	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 1.1	

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AECOM, Inc

Client Sample ID: CTM-14

TOTAL Metals

Lot-Sample #...: C8L110371-006 Matrix.....: WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Copper	ND	25.0	ug/L	SW846 6010B	12/16-12/28/08	K4J3C1AN
	Dilution Factor: 1			Analysis Time..: 19:40	Analyst ID.....: 022952	
	Instrument ID..: TRACEICP			MS Run #.....: 8351251	MDL.....: 4.6	
Iron	6500	100	ug/L	SW846 6010B	12/16-12/28/08	K4J3C1AP
	Dilution Factor: 1			Analysis Time..: 19:40	Analyst ID.....: 022952	
	Instrument ID..: TRACEICP			MS Run #.....: 8351251	MDL.....: 8.4	
Potassium	29700	5000	ug/L	SW846 6010B	12/16-12/28/08	K4J3C1AQ
	Dilution Factor: 1			Analysis Time..: 19:40	Analyst ID.....: 022952	
	Instrument ID..: TRACEICP			MS Run #.....: 8351251	MDL.....: 750	
Magnesium	20400	5000	ug/L	SW846 6010B	12/16-12/28/08	K4J3C1AR
	Dilution Factor: 1			Analysis Time..: 19:40	Analyst ID.....: 022952	
	Instrument ID..: TRACEICP			MS Run #.....: 8351251	MDL.....: 21.8	
Manganese	677	15.0	ug/L	SW846 6010B	12/16-12/28/08	K4J3C1AT
	Dilution Factor: 1			Analysis Time..: 19:40	Analyst ID.....: 022952	
	Instrument ID..: TRACEICP			MS Run #.....: 8351251	MDL.....: 0.57	
Sodium	166000	5000	ug/L	SW846 6010B	12/16-12/28/08	K4J3C1AU
	Dilution Factor: 1			Analysis Time..: 19:40	Analyst ID.....: 022952	
	Instrument ID..: TRACEICP			MS Run #.....: 8351251	MDL.....: 145	
Nickel	1.0 B J	40.0	ug/L	SW846 6010B	12/16-12/28/08	K4J3C1AV
	Dilution Factor: 1			Analysis Time..: 19:40	Analyst ID.....: 022952	
	Instrument ID..: TRACEICP			MS Run #.....: 8351251	MDL.....: 0.78	
Lead	ND	3.0	ug/L	SW846 6010B	12/16-12/28/08	K4J3C1AW
	Dilution Factor: 1			Analysis Time..: 19:40	Analyst ID.....: 022952	
	Instrument ID..: TRACEICP			MS Run #.....: 8351251	MDL.....: 1.7	
Selenium	ND	5.0	ug/L	SW846 6010B	12/16-12/28/08	K4J3C1AX
	Dilution Factor: 1			Analysis Time..: 19:40	Analyst ID.....: 022952	
	Instrument ID..: TRACEICP			MS Run #.....: 8351251	MDL.....: 2.9	
Thallium	ND	10.0	ug/L	SW846 6010B	12/16-12/28/08	K4J3C1A0
	Dilution Factor: 1			Analysis Time..: 19:40	Analyst ID.....: 022952	
	Instrument ID..: TRACEICP			MS Run #.....: 8351251	MDL.....: 2.8	

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AECOM, Inc

Client Sample ID: CTM-14

TOTAL Metals

Lot-Sample #...: C8L110371-006 Matrix.....: WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	ND	10.0	ug/L	SW846 6010B	12/16-12/28/08	K4J3C1A1
		Dilution Factor: 1		Analysis Time..: 19:40	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 1.8	
Vanadium	2.8 B J	50.0	ug/L	SW846 6010B	12/16-12/28/08	K4J3C1A2
		Dilution Factor: 1		Analysis Time..: 19:40	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 2.4	
Zinc	~~7.3 B,J~~ 7.3 U	20.0	ug/L	SW846 6010B	12/16-12/28/08	K4J3C1A3
		Dilution Factor: 1		Analysis Time..: 19:40	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 3.1	
Prep Batch #...: 8357147						
Mercury	0.026 B J	0.20	ug/L	SW846 7470A	12/22/08	K4J3C1A4
		Dilution Factor: 1		Analysis Time..: 13:09	Analyst ID.....: 403938	
		Instrument ID..: HGHYDRA		MS Run #.....: 8357101	MDL.....: 0.016	

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.

AECOM, Inc

Client Sample ID: CTM-15

GC/MS Volatiles

Lot-Sample #...:	C8L120342-008	Work Order #...:	K4MV21AH	Matrix.....:	WG
Date Sampled...:	12/11/08	Date Received..:	12/12/08	MS Run #.....:	8358359
Prep Date.....:	12/23/08	Analysis Date..:	12/24/08		
Prep Batch #...:	8358632	Analysis Time..:	01:16		
Dilution Factor:	5	Initial Wgt/Vol:	5 mL	Final Wgt/Vol..:	5 mL
Analyst ID.....:	403794	Instrument ID..:	HP5		
		Method.....:	SW846 8260B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	25	ug/L	12
Benzene	**86**	**5.0**	**ug/L**	**1.4**
Bromodichloromethane	ND	5.0	ug/L	1.0
Bromoform	ND	5.0	ug/L	1.2
Bromomethane	ND	5.0	ug/L	1.5
2-Butanone	ND	25	ug/L	2.5
Carbon disulfide	ND	5.0	ug/L	0.98
Carbon tetrachloride	ND	5.0	ug/L	1.5
Chlorobenzene	ND	5.0	ug/L	1.1
Chloroethane	ND	5.0	ug/L	1.2
Chloroform	ND	5.0	ug/L	1.2
Chloromethane	ND	5.0	ug/L	1.3
Cyclohexane	ND	5.0	ug/L	1.5
Dibromochloromethane	ND	5.0	ug/L	0.82
1,2-Dibromo-3-chloro-propane	ND	5.0	ug/L	1.2
1,2-Dibromoethane	ND	5.0	ug/L	1.1
1,3-Dichlorobenzene	ND	5.0	ug/L	0.82
1,4-Dichlorobenzene	ND	5.0	ug/L	0.89
1,2-Dichlorobenzene	ND	5.0	ug/L	1.1
Dichlorodifluoromethane	ND 5.0 U	5.0	ug/L	1.3
1,1-Dichloroethane	ND	5.0	ug/L	1.2
1,2-Dichloroethane	ND	5.0	ug/L	1.1
1,1-Dichloroethene	ND	5.0	ug/L	1.4
cis-1,2-Dichloroethene	ND	5.0	ug/L	1.4
trans-1,2-Dichloroethene	ND	5.0	ug/L	1.4
1,2-Dichloropropane	ND	5.0	ug/L	0.90
cis-1,3-Dichloropropene	ND	5.0	ug/L	0.97
trans-1,3-Dichloropropene	ND	5.0	ug/L	0.92
Ethylbenzene	**19**	**5.0**	**ug/L**	**0.91**
2-Hexanone	ND	25	ug/L	2.7
Isopropylbenzene	**4.3 J**	**5.0**	**ug/L**	**1.1**
Methyl acetate	ND	5.0	ug/L	0.51
Methylene chloride	~~3.0 J~~ 5.0 U	**5.0**	**ug/L**	**1.6**
Methylcyclohexane	ND	5.0	ug/L	1.6
4-Methyl-2-pentanone	ND	25	ug/L	1.1
Methyl tert-butyl ether	ND	5.0	ug/L	1.0

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AECOM, Inc

Client Sample ID: CTM-15

GC/MS Volatiles

Lot-Sample #...: C8L120342-008 Work Order #...: K4MV21AH Matrix.....: WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Styrene	ND	5.0	ug/L	1.1
1,1,2,2-Tetrachloroethane	ND	5.0	ug/L	0.77
1,2,4-Trichloro-benzene	ND	5.0	ug/L	0.75
Tetrachloroethene	ND	5.0	ug/L	1.2
1,1,1-Trichloroethane	ND	5.0	ug/L	1.3
1,1,2-Trichloroethane	ND	5.0	ug/L	0.98
Trichloroethene	ND	5.0	ug/L	1.5
Trichlorofluoromethane	ND	5.0	ug/L	0.40
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	5.0	ug/L	1.5
Toluene	~~2.4 J~~ 5.0U	**5.0**	**ug/L**	**1.2**
Vinyl chloride	ND	5.0	ug/L	1.5
Xylenes (total)	**19**	**15**	**ug/L**	**3.1**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	101	(71 - 118)
1,2-Dichloroethane-d4	91	(64 - 135)
4-Bromofluorobenzene	99	(70 - 118)
Dibromofluoromethane	98	(70 - 128)

NOTE(S):

J Estimated result. Result is less than RL.

AECOM, Inc

Client Sample ID: CTM-15

GC/MS Semivolatiles

Lot-Sample #...:	C8L120342-008	**Work Order #...:**	K4MV21AJ	**Matrix.....:**	WG
Date Sampled...:	12/11/08 11:47	**Date Received..:**	12/12/08 10:00	**MS Run #.....:**	
Prep Date.....:	12/18/08	**Analysis Date..:**	12/22/08		
Prep Batch #...:	8354035	**Analysis Time..:**	08:55		
Dilution Factor:	1	**Initial Wgt/Vol:**	1000 mL	**Final Wgt/Vol..:**	10 mL
Analyst ID.....:	003200	**Instrument ID..:**	731		
		Method.....:	SW846 8270C		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	**32**	**2.0**	**ug/L**	**0.14**
Acenaphthylene	**5.2**	**2.0**	**ug/L**	**0.085**
Acetophenone	ND	10	ug/L	0.22
Anthracene	**2.2**	**2.0**	**ug/L**	**1.0**
Atrazine	ND	10	ug/L	0.20
Benzo(a)anthracene	ND	2.0	ug/L	0.18
Benzo(a)pyrene	ND	2.0	ug/L	0.12
Benzo(b)fluoranthene	ND	2.0	ug/L	0.16
Benzo(ghi)perylene	ND	2.0	ug/L	0.14
Benzo(k)fluoranthene	ND	2.0	ug/L	0.16
Benzaldehyde	ND	10	ug/L	0.50
1,1'-Biphenyl	**0.68 J**	**10**	**ug/L**	**0.15**
bis(2-Chloroethoxy) methane	ND	10	ug/L	0.14
bis(2-Chloroethyl)-ether	ND	2.0	ug/L	0.26
bis(2-Ethylhexyl) phthalate	ND	10	ug/L	0.46
4-Bromophenyl phenyl ether	ND	10	ug/L	0.19
Butyl benzyl phthalate	ND	10	ug/L	3.1
Caprolactam	ND	50	ug/L	7.2
Carbazole	**11**	**2.0**	**ug/L**	**0.14**
4-Chloroaniline	ND	10	ug/L	1.1
4-Chloro-3-methylphenol	ND	10	ug/L	0.25
2-Chloronaphthalene	ND	2.0	ug/L	0.15
2-Chlorophenol	ND	10	ug/L	0.21
4-Chlorophenyl phenyl ether	ND	10	ug/L	0.10
Chrysene	ND	2.0	ug/L	0.11
Dibenz(a,h)anthracene	ND	2.0	ug/L	0.13
Dibenzofuran	**15**	**10**	**ug/L**	**0.18**
3,3'-Dichlorobenzidine	ND	10	ug/L	0.36
2,4-Dichlorophenol	ND	2.0	ug/L	0.13
Diethyl phthalate	ND	10	ug/L	0.45
2,4-Dimethylphenol	ND	10	ug/L	0.080
Dimethyl phthalate	ND	10	ug/L	0.14

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AECOM, Inc

Client Sample ID: CTM-15

GC/MS Semivolatiles

Lot-Sample #...: C8L120342-008 **Work Order #...:** K4MV21AJ **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-butyl phthalate	ND	10	ug/L	0.30
4,6-Dinitro-2-methylphenol	ND	50	ug/L	7.8
2,4-Dinitrophenol	ND 50 UJ	50	ug/L	6.1
2,4-Dinitrotoluene	ND	10	ug/L	0.16
2,6-Dinitrotoluene	ND	10	ug/L	0.19
Di-n-octyl phthalate	ND	10	ug/L	0.16
Fluoranthene	**3.8**	**2.0**	**ug/L**	**0.10**
Fluorene	**16**	**2.0**	**ug/L**	**0.099**
Hexachlorobenzene	ND	2.0	ug/L	0.18
Hexachlorobutadiene	ND	2.0	ug/L	0.12
Hexachlorocyclopentadiene	ND	10	ug/L	0.12
Hexachloroethane	ND	10	ug/L	0.077
Indeno(1,2,3-cd)pyrene	ND	2.0	ug/L	0.16
Isophorone	ND	10	ug/L	0.29
2-Methylnaphthalene	**0.64 J**	**2.0**	**ug/L**	**0.16**
2-Methylphenol	ND	10	ug/L	0.14
4-Methylphenol	ND	10	ug/L	0.18
Naphthalene	**63**	**2.0**	**ug/L**	**0.28**
2-Nitroaniline	ND	50	ug/L	0.17
3-Nitroaniline	ND	50	ug/L	0.26
4-Nitroaniline	ND	50	ug/L	0.23
Nitrobenzene	ND	2.0	ug/L	0.18
2-Nitrophenol	ND	10	ug/L	0.14
4-Nitrophenol	ND	50	ug/L	3.9
N-Nitrosodi-n-propylamine	ND	2.0	ug/L	0.39
N-Nitrosodiphenylamine	ND	2.0	ug/L	0.14
2,2'-oxybis(1-Chloropropane)	ND	2.0	ug/L	0.35
Pentachlorophenol	ND	10	ug/L	1.9
Phenanthrene	**4.1**	**2.0**	**ug/L**	**0.28**
Phenol	ND	2.0	ug/L	0.24
Pyrene	**2.5**	**2.0**	**ug/L**	**0.11**
2,4,5-Trichlorophenol	ND	10	ug/L	0.15
2,4,6-Trichlorophenol	ND	10	ug/L	0.091

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AECOM, Inc

Client Sample ID: CTM-15

GC/MS Semivolatiles

Lot-Sample #...: C8L120342-008 Work Order #...: K4MV21AJ Matrix.....: WG

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	74	(33 - 122)
2-Fluorobiphenyl	79	(35 - 108)
2-Fluorophenol	72	(26 - 100)
Nitrobenzene-d5	79	(37 - 104)
Phenol-d5	72	(30 - 102)
Terphenyl-d14	73	(25 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

AECOM, Inc

Client Sample ID: CTM-15

TOTAL Metals

Lot-Sample #...: C8L120342-008 Matrix.....: WG
Date Sampled...: 12/11/08 Date Received..: 12/12/08

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8351456						
Silver	ND	5.0	ug/L	SW846 6010B	12/16-01/01/09	K4MV21AK
		Dilution Factor: 1		Analysis Time..: 02:21	Analyst ID.....: 400491	
		Instrument ID..: TRACEICP		MS Run #.....: 8351266	MDL.....: 0.54	
Aluminum	**188 B J**	**200**	**ug/L**	**SW846 6010B**	**12/16-01/01/09**	**K4MV21AL**
		Dilution Factor: 1		Analysis Time..: 02:21	Analyst ID.....: 400491	
		Instrument ID..: TRACEICP		MS Run #.....: 8351266	MDL.....: 16.2	
Arsenic	**4.8 B J**	**10.0**	**ug/L**	**SW846 6010B**	**12/16-01/01/09**	**K4MV21AM**
		Dilution Factor: 1		Analysis Time..: 02:21	Analyst ID.....: 400491	
		Instrument ID..: TRACEICP		MS Run #.....: 8351266	MDL.....: 2.0	
Barium	**334**	**200**	**ug/L**	**SW846 6010B**	**12/16-01/01/09**	**K4MV21AN**
		Dilution Factor: 1		Analysis Time..: 02:21	Analyst ID.....: 400491	
		Instrument ID..: TRACEICP		MS Run #.....: 8351266	MDL.....: 0.26	
Beryllium	ND	4.0	ug/L	SW846 6010B	12/16-01/01/09	K4MV21AP
		Dilution Factor: 1		Analysis Time..: 02:21	Analyst ID.....: 400491	
		Instrument ID..: TRACEICP		MS Run #.....: 8351266	MDL.....: 0.18	
Calcium	**271000 J**	**5000**	**ug/L**	**SW846 6010B**	**12/16-01/01/09**	**K4MV21AQ**
		Dilution Factor: 1		Analysis Time..: 02:21	Analyst ID.....: 400491	
		Instrument ID..: TRACEICP		MS Run #.....: 8351266	MDL.....: 17.7	
Cadmium	ND	5.0	ug/L	SW846 6010B	12/16-01/01/09	K4MV21AR
		Dilution Factor: 1		Analysis Time..: 02:21	Analyst ID.....: 400491	
		Instrument ID..: TRACEICP		MS Run #.....: 8351266	MDL.....: 0.21	
Cobalt	ND	50.0	ug/L	SW846 6010B	12/16-01/01/09	K4MV21AT
		Dilution Factor: 1		Analysis Time..: 02:21	Analyst ID.....: 400491	
		Instrument ID..: TRACEICP		MS Run #.....: 8351266	MDL.....: 0.45	
Chromium	ND	5.0	ug/L	SW846 6010B	12/16-01/01/09	K4MV21AU
		Dilution Factor: 1		Analysis Time..: 02:21	Analyst ID.....: 400491	
		Instrument ID..: TRACEICP		MS Run #.....: 8351266	MDL.....: 1.1	

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AECOM, Inc

Client Sample ID: CTM-15

TOTAL Metals

Lot-Sample #...: C8L120342-008 Matrix.....: WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Copper	ND	25.0	ug/L	SW846 6010B	12/16-01/01/09	K4MV21AV
		Dilution Factor: 1		Analysis Time..: 02:21	Analyst ID.....: 400491	
		Instrument ID..: TRACEICP		MS Run #.....: 8351266	MDL.....: 4.6	
Iron	3160	100	ug/L	SW846 6010B	12/16-01/01/09	K4MV21AW
		Dilution Factor: 1		Analysis Time..: 02:21	Analyst ID.....: 400491	
		Instrument ID..: TRACEICP		MS Run #.....: 8351266	MDL.....: 8.4	
Potassium	67800	5000	ug/L	SW846 6010B	12/16-01/01/09	K4MV21AX
		Dilution Factor: 1		Analysis Time..: 02:21	Analyst ID.....: 400491	
		Instrument ID..: TRACEICP		MS Run #.....: 8351266	MDL.....: 750	
Magnesium	26000	5000	ug/L	SW846 6010B	12/16-01/01/09	K4MV21A0
		Dilution Factor: 1		Analysis Time..: 02:21	Analyst ID.....: 400491	
		Instrument ID..: TRACEICP		MS Run #.....: 8351266	MDL.....: 21.8	
Manganese	496	15.0	ug/L	SW846 6010B	12/16-01/01/09	K4MV21A1
		Dilution Factor: 1		Analysis Time..: 02:21	Analyst ID.....: 400491	
		Instrument ID..: TRACEICP		MS Run #.....: 8351266	MDL.....: 0.57	
Sodium	1070000	25000	ug/L	SW846 6010B	12/16-01/02/09	K4MV21A2
		Dilution Factor: 5		Analysis Time..: 14:17	Analyst ID.....: 400491	
		Instrument ID..: TRACEICP		MS Run #.....: 8351266	MDL.....: 726	
Nickel	0.87 B	40.0	ug/L	SW846 6010B	12/16-01/01/09	K4MV21A3
		Dilution Factor: 1		Analysis Time..: 02:21	Analyst ID.....: 400491	
		Instrument ID..: TRACEICP		MS Run #.....: 8351266	MDL.....: 0.78	
Lead	ND	3.0	ug/L	SW846 6010B	12/16-01/01/09	K4MV21A4
		Dilution Factor: 1		Analysis Time..: 02:21	Analyst ID.....: 400491	
		Instrument ID..: TRACEICP		MS Run #.....: 8351266	MDL.....: 1.7	
Selenium	ND	5.0	ug/L	SW846 6010B	12/16-01/01/09	K4MV21A5
		Dilution Factor: 1		Analysis Time..: 02:21	Analyst ID.....: 400491	
		Instrument ID..: TRACEICP		MS Run #.....: 8351266	MDL.....: 2.9	
Thallium	ND	10.0	ug/L	SW846 6010B	12/16-01/01/09	K4MV21AA
		Dilution Factor: 1		Analysis Time..: 02:21	Analyst ID.....: 400491	
		Instrument ID..: TRACEICP		MS Run #.....: 8351266	MDL.....: 2.8	

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AECOM, Inc

Client Sample ID: CTM-15

TOTAL Metals

Lot-Sample #...: C8L120342-008 Matrix.....: WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	ND	10.0	ug/L	SW846 6010B	12/16-01/01/09	K4MV21AC
		Dilution Factor: 1		Analysis Time..: 02:21	Analyst ID.....: 400491	
		Instrument ID..: TRACEICP		MS Run #.....: 8351266	MDL.....: 1.8	
Vanadium	ND	50.0	ug/L	SW846 6010B	12/16-01/01/09	K4MV21AD
		Dilution Factor: 1		Analysis Time..: 02:21	Analyst ID.....: 400491	
		Instrument ID..: TRACEICP		MS Run #.....: 8351266	MDL.....: 2.4	
Zinc	~~5.3 B,J~~ 20.0 U	20.0	ug/L	SW846 6010B	12/16-01/01/09	K4MV21AE
		Dilution Factor: 1		Analysis Time..: 02:21	Analyst ID.....: 400491	
		Instrument ID..: TRACEICP		MS Run #.....: 8351266	MDL.....: 3.1	
Prep Batch #...: 8365023						
Mercury	ND	0.20	ug/L	SW846 7470A	12/30/08	K4MV21AF
		Dilution Factor: 1		Analysis Time..: 10:39	Analyst ID.....: 031043	
		Instrument ID..: HGHYDRA		MS Run #.....: 8365013	MDL.....: 0.016	

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.

AECOM, Inc

Client Sample ID: MW-1

GC/MS Volatiles

Lot-Sample #...: C8L100288-002	Work Order #...: K4FM71AH	Matrix.....: WG	
Date Sampled...: 12/09/08	Date Received..: 12/10/08	MS Run #.....: 8353187	
Prep Date.....: 12/18/08	Analysis Date..: 12/18/08		
Prep Batch #...: 8353293	Analysis Time..: 13:23		
Dilution Factor: 1	Initial Wgt/Vol: 5 mL	Final Wgt/Vol..: 5 mL	
Analyst ID.....: 001562	Instrument ID..: HP5		
	Method.....: SW846 8260B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	5.0	ug/L	2.5
Benzene	**1.0**	**1.0**	**ug/L**	**0.27**
Bromodichloromethane	ND	1.0	ug/L	0.20
Bromoform	ND	1.0	ug/L	0.25
Bromomethane	ND	1.0	ug/L	0.30
2-Butanone	ND	5.0	ug/L	0.50
Carbon disulfide	ND	1.0	ug/L	0.20
Carbon tetrachloride	ND	1.0	ug/L	0.30
Chlorobenzene	ND	1.0	ug/L	0.23
Chloroethane	ND	1.0	ug/L	0.25
Chloroform	ND	1.0	ug/L	0.24
Chloromethane	ND	1.0	ug/L	0.27
Cyclohexane	**2.0**	**1.0**	**ug/L**	**0.30**
Dibromochloromethane	ND	1.0	ug/L	0.16
1,2-Dibromo-3-chloro-propane	ND	1.0	ug/L	0.24
1,2-Dibromoethane	ND	1.0	ug/L	0.23
1,3-Dichlorobenzene	ND	1.0	ug/L	0.16
1,4-Dichlorobenzene	ND	1.0	ug/L	0.18
1,2-Dichlorobenzene	ND	1.0	ug/L	0.22
Dichlorodifluoromethane	ND	1.0	ug/L	0.26
1,1-Dichloroethane	ND	1.0	ug/L	0.24
1,2-Dichloroethane	ND	1.0	ug/L	0.21
1,1-Dichloroethene	ND	1.0	ug/L	0.28
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.27
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.27
1,2-Dichloropropane	ND	1.0	ug/L	0.18
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.19
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.18
Ethylbenzene	ND	1.0	ug/L	0.18
2-Hexanone	ND	5.0	ug/L	0.53
Isopropylbenzene	**0.23 J**	**1.0**	**ug/L**	**0.22**
Methyl acetate	ND	1.0	ug/L	0.10
Methylene chloride	ND	1.0	ug/L	0.32
Methylcyclohexane	**0.57 J**	**1.0**	**ug/L**	**0.32**
4-Methyl-2-pentanone	ND	5.0	ug/L	0.23
Methyl tert-butyl ether	ND	1.0	ug/L	0.20

(Continued on next page)

AECOM, Inc

Client Sample ID: MW-1

GC/MS Volatiles

Lot-Sample #...: C8L100288-002 Work Order #...: K4FM71AH Matrix.....: WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Styrene	ND	1.0	ug/L	0.22
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.15
1,2,4-Trichloro-benzene	ND	1.0	ug/L	0.15
Tetrachloroethene	ND	1.0	ug/L	0.24
1,1,1-Trichloroethane	ND	1.0	ug/L	0.25
1,1,2-Trichloroethane	ND	1.0	ug/L	0.20
Trichloroethene	ND	1.0	ug/L	0.29
Trichlorofluoromethane	ND	1.0	ug/L	0.080
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L	0.30
Toluene	ND	1.0	ug/L	0.23
Vinyl chloride	ND	1.0	ug/L	0.29
Xylenes (total)	**1.5 J**	**3.0**	**ug/L**	**0.62**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	104	(71 - 118)
1,2-Dichloroethane-d4	96	(64 - 135)
4-Bromofluorobenzene	102	(70 - 118)
Dibromofluoromethane	99	(70 - 128)

NOTE(S):

J Estimated result. Result is less than RL.

AECOM, Inc

Client Sample ID: MW-1

GC/MS Semivolatiles

Lot-Sample #...:	C8L100288-002	**Work Order #...:**	K4FM71AJ	**Matrix.....:**	WG
Date Sampled...:	12/09/08 13:18	**Date Received..:**	12/10/08 10:15	**MS Run #.....:**	8350082
Prep Date.....:	12/15/08	**Analysis Date..:**	12/19/08		
Prep Batch #...:	8350174	**Analysis Time..:**	01:56		
Dilution Factor:	1.08	**Initial Wgt/Vol:**	930 mL	**Final Wgt/Vol..:**	10 mL
Analyst ID.....:	003200	**Instrument ID..:**	733		
		Method.....:	SW846 8270C		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	**3.8**	**2.2**	**ug/L**	**0.16**
Acenaphthylene	ND	2.2	ug/L	0.091
Acetophenone	ND	11	ug/L	0.24
Anthracene	ND	2.2	ug/L	1.1
Atrazine	ND	11	ug/L	0.22
Benzo(a)anthracene	ND	2.2	ug/L	0.19
Benzo(a)pyrene	ND	2.2	ug/L	0.13
Benzo(b)fluoranthene	ND	2.2	ug/L	0.18
Benzo(ghi)perylene	ND	2.2	ug/L	0.16
Benzo(k)fluoranthene	ND	2.2	ug/L	0.18
Benzaldehyde	ND	11	ug/L	0.54
1,1'-Biphenyl	**0.21 J**	**11**	**ug/L**	**0.17**
bis(2-Chloroethoxy) methane	ND	11	ug/L	0.15
bis(2-Chloroethyl)-ether	ND	2.2	ug/L	0.28
bis(2-Ethylhexyl) phthalate	ND	11	ug/L	0.50
4-Bromophenyl phenyl ether	ND	11	ug/L	0.20
Butyl benzyl phthalate	ND	11	ug/L	3.3
Caprolactam	ND	54	ug/L	7.8
Carbazole	**2.2**	**2.2**	**ug/L**	**0.15**
4-Chloroaniline	ND	11	ug/L	1.2
4-Chloro-3-methylphenol	ND	11	ug/L	0.27
2-Chloronaphthalene	ND	2.2	ug/L	0.16
2-Chlorophenol	ND	11	ug/L	0.23
4-Chlorophenyl phenyl ether	ND	11	ug/L	0.11
Chrysene	ND	2.2	ug/L	0.12
Dibenz(a,h)anthracene	ND	2.2	ug/L	0.14
Dibenzofuran	ND	11	ug/L	0.20
3,3'-Dichlorobenzidine	ND	11	ug/L	0.39
2,4-Dichlorophenol	ND	2.2	ug/L	0.15
Diethyl phthalate	ND	11	ug/L	0.48
2,4-Dimethylphenol	ND	11	ug/L	0.087
Dimethyl phthalate	ND	11	ug/L	0.15

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AECOM, Inc

Client Sample ID: MW-1

GC/MS Semivolatiles

Lot-Sample #...: C8L100288-002 Work Order #...: K4FM71AJ Matrix.....: WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-butyl phthalate	ND	11	ug/L	0.32
4,6-Dinitro-2-methylphenol	ND	54	ug/L	8.4
2,4-Dinitrophenol	ND	54	ug/L	6.6
2,4-Dinitrotoluene	ND	11	ug/L	0.18
2,6-Dinitrotoluene	ND	11	ug/L	0.21
Di-n-octyl phthalate	ND	11	ug/L	0.17
Fluoranthene	ND	2.2	ug/L	0.11
Fluorene	ND	2.2	ug/L	0.11
Hexachlorobenzene	ND	2.2	ug/L	0.20
Hexachlorobutadiene	ND	2.2	ug/L	0.13
Hexachlorocyclopentadiene	ND	11	ug/L	0.12
Hexachloroethane	ND	11	ug/L	0.083
Indeno(1,2,3-cd)pyrene	ND	2.2	ug/L	0.17
Isophorone	ND	11	ug/L	0.31
2-Methylnaphthalene	ND	2.2	ug/L	0.17
2-Methylphenol	ND	11	ug/L	0.15
4-Methylphenol	ND	11	ug/L	0.19
Naphthalene	ND	2.2	ug/L	0.30
2-Nitroaniline	ND	54	ug/L	0.18
3-Nitroaniline	ND	54	ug/L	0.28
4-Nitroaniline	ND	54	ug/L	0.25
Nitrobenzene	ND	2.2	ug/L	0.19
2-Nitrophenol	ND	11	ug/L	0.15
4-Nitrophenol	ND	54	ug/L	4.2
N-Nitrosodi-n-propylamine	ND	2.2	ug/L	0.42
N-Nitrosodiphenylamine	ND	2.2	ug/L	0.15
2,2'-oxybis(1-Chloropropane)	ND	2.2	ug/L	0.37
Pentachlorophenol	ND	11	ug/L	2.0
Phenanthrene	ND	2.2	ug/L	0.31
Phenol	ND	2.2	ug/L	0.26
Pyrene	ND	2.2	ug/L	0.12
2,4,5-Trichlorophenol	ND	11	ug/L	0.16
2,4,6-Trichlorophenol	ND	11	ug/L	0.098

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AECOM, Inc

Client Sample ID: MW-1

GC/MS Semivolatiles

Lot-Sample #...: C8L100288-002 Work Order #...: K4FM71AJ Matrix.....: WG

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	87	(33 - 122)
2-Fluorobiphenyl	76	(35 - 108)
2-Fluorophenol	66	(26 - 100)
Nitrobenzene-d5	75	(37 - 104)
Phenol-d5	71	(30 - 102)
Terphenyl-d14	51	(25 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

AECOM, Inc

Client Sample ID: MW-1

TOTAL Metals

Lot-Sample #...: C8L100288-002 Matrix.....: WG
Date Sampled...: 12/09/08 Date Received..: 12/10/08

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8346399						
Silver	ND	5.0	ug/L	SW846 6010B	12/11-12/27/08	K4FM71AK
		Dilution Factor: 1		Analysis Time..: 12:13	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 0.54	
Aluminum	819	200	ug/L	SW846 6010B	12/11-12/27/08	K4FM71AL
		Dilution Factor: 1		Analysis Time..: 12:13	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 16.2	
Arsenic	5.0 B J	10.0	ug/L	SW846 6010B	12/11-12/27/08	K4FM71AM
		Dilution Factor: 1		Analysis Time..: 12:13	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 2.0	
Barium	250	200	ug/L	SW846 6010B	12/11-12/27/08	K4FM71AN
		Dilution Factor: 1		Analysis Time..: 12:13	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 0.26	
Beryllium	ND	4.0	ug/L	SW846 6010B	12/11-12/27/08	K4FM71AP
		Dilution Factor: 1		Analysis Time..: 12:13	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 0.18	
Calcium	183000 J	5000	ug/L	SW846 6010B	12/11-12/27/08	K4FM71AQ
		Dilution Factor: 1		Analysis Time..: 12:13	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 17.7	
Cadmium	ND	5.0	ug/L	SW846 6010B	12/11-12/27/08	K4FM71AR
		Dilution Factor: 1		Analysis Time..: 12:13	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 0.21	
Cobalt	~~0.49 B~~ 50.0 U	50.0	ug/L	SW846 6010B	12/11-12/27/08	K4FM71AT
		Dilution Factor: 1		Analysis Time..: 12:13	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 0.45	
Chromium	2.2 B J	5.0	ug/L	SW846 6010B	12/11-12/27/08	K4FM71AU
		Dilution Factor: 1		Analysis Time..: 12:13	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 1.1	

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AECOM, Inc

Client Sample ID: MW-1

TOTAL Metals

Lot-Sample #...: C8L100288-002 Matrix.....: WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Copper	ND	25.0	ug/L	SW846 6010B	12/11-12/27/08	K4FM71AV
		Dilution Factor: 1		Analysis Time..: 12:13	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 4.6	
Iron	7900	100	ug/L	SW846 6010B	12/11-12/27/08	K4FM71AW
		Dilution Factor: 1		Analysis Time..: 12:13	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 8.4	
Potassium	31700	5000	ug/L	SW846 6010B	12/11-12/27/08	K4FM71AX
		Dilution Factor: 1		Analysis Time..: 12:13	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 750	
Magnesium	22700	5000	ug/L	SW846 6010B	12/11-12/27/08	K4FM71A0
		Dilution Factor: 1		Analysis Time..: 12:13	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 21.8	
Manganese	1050	15.0	ug/L	SW846 6010B	12/11-12/27/08	K4FM71A1
		Dilution Factor: 1		Analysis Time..: 12:13	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 0.57	
Sodium	409000	10000	ug/L	SW846 6010B	12/11-12/28/08	K4FM71A2
		Dilution Factor: 2		Analysis Time..: 00:50	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 290	
Nickel	~~2.3 B~~ 40.0 U	40.0	ug/L	SW846 6010B	12/11-12/27/08	K4FM71A3
		Dilution Factor: 1		Analysis Time..: 12:13	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 0.78	
Lead	ND	3.0	ug/L	SW846 6010B	12/11-12/27/08	K4FM71A4
		Dilution Factor: 1		Analysis Time..: 12:13	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 1.7	
Selenium	ND	5.0	ug/L	SW846 6010B	12/11-12/27/08	K4FM71A5
		Dilution Factor: 1		Analysis Time..: 12:13	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 2.9	
Thallium	ND	10.0	ug/L	SW846 6010B	12/11-12/27/08	K4FM71AA
		Dilution Factor: 1		Analysis Time..: 12:13	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 2.8	

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AECOM, Inc

Client Sample ID: MW-1

TOTAL Metals

Lot-Sample #...: C8L100288-002 Matrix.....: WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	ND	10.0	ug/L	SW846 6010B	12/11-12/27/08	K4FM71AC
		Dilution Factor: 1		Analysis Time..: 12:13	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 1.8	
Vanadium	3.8 B J	50.0	ug/L	SW846 6010B	12/11-12/27/08	K4FM71AD
		Dilution Factor: 1		Analysis Time..: 12:13	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 2.4	
Zinc	28.3 J	20.0	ug/L	SW846 6010B	12/11-12/27/08	K4FM71AE
		Dilution Factor: 1		Analysis Time..: 12:13	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 3.1	
Prep Batch #...: 8357029						
Mercury	ND	0.20	ug/L	SW846 7470A	12/22/08	K4FM71AF
		Dilution Factor: 1		Analysis Time..: 09:07	Analyst ID.....: 031043	
		Instrument ID..: HGHYDRA		MS Run #.....: 8357022	MDL.....: 0.016	

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.

AECOM, Inc

Client Sample ID: MW-1D

GC/MS Volatiles

Lot-Sample #...:	C8L100288-003	Work Order #...:	K4FM91AH	Matrix.....:	WG
Date Sampled...:	12/09/08	Date Received..:	12/10/08	MS Run #.....:	8353187
Prep Date.....:	12/18/08	Analysis Date..:	12/18/08		
Prep Batch #...:	8353293	Analysis Time..:	13:46		
Dilution Factor:	1000	Initial Wgt/Vol:	5 mL	Final Wgt/Vol..:	5 mL
Analyst ID.....:	001562	Instrument ID..:	HP5		
		Method.....:	SW846 8260B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	5000	ug/L	2500
Benzene	**11000**	**1000**	**ug/L**	**270**
Bromodichloromethane	ND	1000	ug/L	200
Bromoform	ND	1000	ug/L	250
Bromomethane	ND	1000	ug/L	300
2-Butanone	ND	5000	ug/L	500
Carbon disulfide	ND	1000	ug/L	200
Carbon tetrachloride	ND	1000	ug/L	300
Chlorobenzene	ND	1000	ug/L	230
Chloroethane	ND	1000	ug/L	250
Chloroform	ND	1000	ug/L	240
Chloromethane	ND	1000	ug/L	270
Cyclohexane	ND	1000	ug/L	300
Dibromochloromethane	ND	1000	ug/L	160
1,2-Dibromo-3-chloro-propane	ND	1000	ug/L	240
1,2-Dibromoethane	ND	1000	ug/L	230
1,3-Dichlorobenzene	ND	1000	ug/L	160
1,4-Dichlorobenzene	ND	1000	ug/L	180
1,2-Dichlorobenzene	ND	1000	ug/L	220
Dichlorodifluoromethane	ND	1000	ug/L	260
1,1-Dichloroethane	ND	1000	ug/L	240
1,2-Dichloroethane	ND	1000	ug/L	210
1,1-Dichloroethene	ND	1000	ug/L	280
cis-1,2-Dichloroethene	ND	1000	ug/L	270
trans-1,2-Dichloroethene	ND	1000	ug/L	270
1,2-Dichloropropane	ND	1000	ug/L	180
cis-1,3-Dichloropropene	ND	1000	ug/L	190
trans-1,3-Dichloropropene	ND	1000	ug/L	180
Ethylbenzene	ND	1000	ug/L	180
2-Hexanone	ND	5000	ug/L	530
Isopropylbenzene	ND	1000	ug/L	220
Methyl acetate	ND	1000	ug/L	100
Methylene chloride	~~320 J~~ 1000 U	**1000**	**ug/L**	**320**
Methylcyclohexane	ND	1000	ug/L	320
4-Methyl-2-pentanone	ND	5000	ug/L	230
Methyl tert-butyl ether	ND	1000	ug/L	200

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AECOM, Inc

Client Sample ID: MW-1D

GC/MS Volatiles

Lot-Sample #...: C8L100288-003 Work Order #...: K4FM91AH Matrix.....: WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Styrene	ND	1000	ug/L	220
1,1,2,2-Tetrachloroethane	ND	1000	ug/L	150
1,2,4-Trichloro-benzene	ND	1000	ug/L	150
Tetrachloroethene	ND	1000	ug/L	240
1,1,1-Trichloroethane	ND	1000	ug/L	250
1,1,2-Trichloroethane	ND	1000	ug/L	200
Trichloroethene	ND	1000	ug/L	290
Trichlorofluoromethane	ND	1000	ug/L	80
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1000	ug/L	300
Toluene	ND	1000	ug/L	230
Vinyl chloride	ND	1000	ug/L	290
Xylenes (total)	ND	3000	ug/L	620

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	103	(71 - 118)
1,2-Dichloroethane-d4	93	(64 - 135)
4-Bromofluorobenzene	104	(70 - 118)
Dibromofluoromethane	99	(70 - 128)

NOTE(S):

J Estimated result. Result is less than RL.

AECOM, Inc

Client Sample ID: MW-1D

GC/MS Semivolatiles

Lot-Sample #...:	C8L100288-003	**Work Order #...:**	K4FM91AJ	**Matrix.....:**	WG
Date Sampled...:	12/09/08 11:38	**Date Received..:**	12/10/08 10:15	**MS Run #.....:**	8350082
Prep Date.....:	12/15/08	**Analysis Date..:**	12/19/08		
Prep Batch #...:	8350174	**Analysis Time..:**	02:16		
Dilution Factor:	0.97	**Initial Wgt/Vol:**	1030 mL	**Final Wgt/Vol..:**	10 mL
Analyst ID.....:	003200	**Instrument ID..:**	733		
		Method.....:	SW846 8270C		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	**0.56 J**	**1.9**	**ug/L**	**0.14**
Acenaphthylene	**1.1 J**	**1.9**	**ug/L**	**0.082**
Acetophenone	**0.28 J**	**9.7**	**ug/L**	**0.21**
Anthracene	ND	1.9	ug/L	1.0
Atrazine	ND	9.7	ug/L	0.20
Benzo(a)anthracene	ND	1.9	ug/L	0.17
Benzo(a)pyrene	ND	1.9	ug/L	0.11
Benzo(b)fluoranthene	ND	1.9	ug/L	0.16
Benzo(ghi)perylene	ND	1.9	ug/L	0.14
Benzo(k)fluoranthene	ND	1.9	ug/L	0.16
Benzaldehyde	ND	9.7	ug/L	0.49
1,1'-Biphenyl	**0.52 J**	**9.7**	**ug/L**	**0.15**
bis(2-Chloroethoxy) methane	ND	9.7	ug/L	0.13
bis(2-Chloroethyl)-ether	ND	1.9	ug/L	0.26
bis(2-Ethylhexyl) phthalate	ND	9.7	ug/L	0.45
4-Bromophenyl phenyl ether	ND	9.7	ug/L	0.18
Butyl benzyl phthalate	ND	9.7	ug/L	3.0
Caprolactam	ND	48	ug/L	7.0
Carbazole	**1.5 J**	**1.9**	**ug/L**	**0.13**
4-Chloroaniline	ND	9.7	ug/L	1.1
4-Chloro-3-methylphenol	ND	9.7	ug/L	0.25
2-Chloronaphthalene	ND	1.9	ug/L	0.15
2-Chlorophenol	ND	9.7	ug/L	0.20
4-Chlorophenyl phenyl ether	ND	9.7	ug/L	0.10
Chrysene	ND	1.9	ug/L	0.10
Dibenz(a,h)anthracene	ND	1.9	ug/L	0.12
Dibenzofuran	**0.95 J**	**9.7**	**ug/L**	**0.18**
3,3'-Dichlorobenzidine	ND	9.7	ug/L	0.35
2,4-Dichlorophenol	ND	1.9	ug/L	0.13
Diethyl phthalate	ND	9.7	ug/L	0.44
2,4-Dimethylphenol	**1.0 J**	**9.7**	**ug/L**	**0.078**
Dimethyl phthalate	ND	9.7	ug/L	0.14

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AECOM, Inc

Client Sample ID: MW-1D

GC/MS Semivolatiles

Lot-Sample #...: C8L100288-003 Work Order #...: K4FM91AJ Matrix.....: WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-butyl phthalate	ND	9.7	ug/L	0.29
4,6-Dinitro-2-methylphenol	ND	48	ug/L	7.6
2,4-Dinitrophenol	ND	48	ug/L	6.0
2,4-Dinitrotoluene	ND	9.7	ug/L	0.16
2,6-Dinitrotoluene	ND	9.7	ug/L	0.19
Di-n-octyl phthalate	ND	9.7	ug/L	0.15
Fluoranthene	**0.44 J**	**1.9**	**ug/L**	**0.097**
Fluorene	**1.3 J**	**1.9**	**ug/L**	**0.096**
Hexachlorobenzene	ND	1.9	ug/L	0.18
Hexachlorobutadiene	ND	1.9	ug/L	0.12
Hexachlorocyclopentadiene	ND	9.7	ug/L	0.11
Hexachloroethane	ND	9.7	ug/L	0.074
Indeno(1,2,3-cd)pyrene	ND	1.9	ug/L	0.16
Isophorone	ND	9.7	ug/L	0.28
2-Methylnaphthalene	**1.8 J**	**1.9**	**ug/L**	**0.15**
2-Methylphenol	ND	9.7	ug/L	0.14
4-Methylphenol	ND	9.7	ug/L	0.17
Naphthalene	**11**	**1.9**	**ug/L**	**0.27**
2-Nitroaniline	ND	48	ug/L	0.16
3-Nitroaniline	ND	48	ug/L	0.25
4-Nitroaniline	ND	48	ug/L	0.22
Nitrobenzene	ND	1.9	ug/L	0.17
2-Nitrophenol	ND	9.7	ug/L	0.14
4-Nitrophenol	ND	48	ug/L	3.8
N-Nitrosodi-n-propylamine	ND	1.9	ug/L	0.37
N-Nitrosodiphenylamine	ND	1.9	ug/L	0.13
2,2'-oxybis(1-Chloropropane)	ND	1.9	ug/L	0.34
Pentachlorophenol	ND	9.7	ug/L	1.8
Phenanthrene	**2.2**	**1.9**	**ug/L**	**0.28**
Phenol	**200**	**1.9**	**ug/L**	**0.23**
Pyrene	**0.35 J**	**1.9**	**ug/L**	**0.11**
2,4,5-Trichlorophenol	ND	9.7	ug/L	0.15
2,4,6-Trichlorophenol	ND	9.7	ug/L	0.088

(Continued on next page)

AECOM, Inc

Client Sample ID: MW-1D

GC/MS Semivolatiles

Lot-Sample #...: C8L100288-003 Work Order #...: K4FM91AJ Matrix.....: WG

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	80	(33 - 122)
2-Fluorobiphenyl	72	(35 - 108)
2-Fluorophenol	64	(26 - 100)
Nitrobenzene-d5	73	(37 - 104)
Phenol-d5	64	(30 - 102)
Terphenyl-d14	50	(25 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

AECOM, Inc

Client Sample ID: MW-1D

TOTAL Metals

Lot-Sample #...: C8L100288-003 Matrix.....: WG
Date Sampled...: 12/09/08 Date Received..: 12/10/08

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8346399						
Silver	0.55 B J	5.0	ug/L	SW846 6010B	12/11-12/27/08	K4FM91AK
		Dilution Factor: 1		Analysis Time..: 12:18	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 0.54	
Aluminum	7170	200	ug/L	SW846 6010B	12/11-12/27/08	K4FM91AL
		Dilution Factor: 1		Analysis Time..: 12:18	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 16.2	
Arsenic	3.7 B J	10.0	ug/L	SW846 6010B	12/11-12/27/08	K4FM91AM
		Dilution Factor: 1		Analysis Time..: 12:18	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 2.0	
Barium	508	200	ug/L	SW846 6010B	12/11-12/27/08	K4FM91AN
		Dilution Factor: 1		Analysis Time..: 12:18	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 0.26	
Beryllium	ND	4.0	ug/L	SW846 6010B	12/11-12/27/08	K4FM91AP
		Dilution Factor: 1		Analysis Time..: 12:18	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 0.18	
Calcium	181000 J	5000	ug/L	SW846 6010B	12/11-12/27/08	K4FM91AQ
		Dilution Factor: 1		Analysis Time..: 12:18	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 17.7	
Cadmium	1.4 B J	5.0	ug/L	SW846 6010B	12/11-12/27/08	K4FM91AR
		Dilution Factor: 1		Analysis Time..: 12:18	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 0.21	
Cobalt	~~6.0 B~~ 5.0 U	50.0	ug/L	SW846 6010B	12/11-12/27/08	K4FM91AT
		Dilution Factor: 1		Analysis Time..: 12:18	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 0.45	
Chromium	10.4	5.0	ug/L	SW846 6010B	12/11-12/27/08	K4FM91AU
		Dilution Factor: 1		Analysis Time..: 12:18	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 1.1	

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AECOM, Inc

Client Sample ID: MW-1D

TOTAL Metals

Lot-Sample #...: C8L100288-003 Matrix.....: WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Copper	12.3 B J	25.0	ug/L	SW846 6010B	12/11-12/27/08	K4FM91AV
		Dilution Factor: 1		Analysis Time..: 12:18	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 4.6	
Iron	82000	100	ug/L	SW846 6010B	12/11-12/27/08	K4FM91AW
		Dilution Factor: 1		Analysis Time..: 12:18	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 8.4	
Potassium	12800	5000	ug/L	SW846 6010B	12/11-12/27/08	K4FM91AX
		Dilution Factor: 1		Analysis Time..: 12:18	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 750	
Magnesium	27200	5000	ug/L	SW846 6010B	12/11-12/27/08	K4FM91A0
		Dilution Factor: 1		Analysis Time..: 12:18	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 21.8	
Manganese	2040	15.0	ug/L	SW846 6010B	12/11-12/27/08	K4FM91A1
		Dilution Factor: 1		Analysis Time..: 12:18	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 0.57	
Sodium	243000	5000	ug/L	SW846 6010B	12/11-12/27/08	K4FM91A2
		Dilution Factor: 1		Analysis Time..: 12:18	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 145	
Nickel	~~14.9 B~~ 40.0 U	40.0	ug/L	SW846 6010B	12/11-12/27/08	K4FM91A3
		Dilution Factor: 1		Analysis Time..: 12:18	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 0.78	
Lead	8.4	3.0	ug/L	SW846 6010B	12/11-12/27/08	K4FM91A4
		Dilution Factor: 1		Analysis Time..: 12:18	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 1.7	
Selenium	ND	5.0	ug/L	SW846 6010B	12/11-12/27/08	K4FM91A5
		Dilution Factor: 1		Analysis Time..: 12:18	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 2.9	
Thallium	ND	10.0	ug/L	SW846 6010B	12/11-12/27/08	K4FM91AA
		Dilution Factor: 1		Analysis Time..: 12:18	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 2.8	

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AECOM, Inc

Client Sample ID: MW-1D

TOTAL Metals

Lot-Sample #...: C8L100288-003 Matrix.....: WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	ND	10.0	ug/L	SW846 6010B	12/11-12/27/08	K4FM91AC
		Dilution Factor: 1		Analysis Time..: 12:18	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 1.8	
Vanadium	14.0 B J	50.0	ug/L	SW846 6010B	12/11-12/27/08	K4FM91AD
		Dilution Factor: 1		Analysis Time..: 12:18	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 2.4	
Zinc	44.4 J	20.0	ug/L	SW846 6010B	12/11-12/27/08	K4FM91AE
		Dilution Factor: 1		Analysis Time..: 12:18	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 3.1	
Prep Batch #...: 8357029						
Mercury	0.026 B J	0.20	ug/L	SW846 7470A	12/22/08	K4FM91AF
		Dilution Factor: 1		Analysis Time..: 09:09	Analyst ID.....: 031043	
		Instrument ID..: HGHYDRA		MS Run #.....: 8357022	MDL.....: 0.016	

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.

AECOM, Inc

Client Sample ID: MW-2

GC/MS Volatiles

Lot-Sample #...:	C8L100288-005	Work Order #...:	K4FNG1AH	Matrix.....:	WG
Date Sampled...:	12/09/08	Date Received..:	12/10/08	MS Run #.....:	8353187
Prep Date.....:	12/18/08	Analysis Date..:	12/18/08		
Prep Batch #...:	8353293	Analysis Time..:	09:32		
Dilution Factor:	1	Initial Wgt/Vol:	5 mL	Final Wgt/Vol..:	5 mL
Analyst ID.....:	001562	Instrument ID..:	HP5		
		Method.....:	SW846 8260B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	5.0	ug/L	2.5
Benzene	ND	1.0	ug/L	0.27
Bromodichloromethane	ND	1.0	ug/L	0.20
Bromoform	ND	1.0	ug/L	0.25
Bromomethane	ND	1.0	ug/L	0.30
2-Butanone	ND	5.0	ug/L	0.50
Carbon disulfide	ND	1.0	ug/L	0.20
Carbon tetrachloride	ND	1.0	ug/L	0.30
Chlorobenzene	ND	1.0	ug/L	0.23
Chloroethane	ND	1.0	ug/L	0.25
Chloroform	ND	1.0	ug/L	0.24
Chloromethane	ND	1.0	ug/L	0.27
Cyclohexane	ND	1.0	ug/L	0.30
Dibromochloromethane	ND	1.0	ug/L	0.16
1,2-Dibromo-3-chloro-propane	ND	1.0	ug/L	0.24
1,2-Dibromoethane	ND	1.0	ug/L	0.23
1,3-Dichlorobenzene	ND	1.0	ug/L	0.16
1,4-Dichlorobenzene	ND	1.0	ug/L	0.18
1,2-Dichlorobenzene	ND	1.0	ug/L	0.22
Dichlorodifluoromethane	ND	1.0	ug/L	0.26
1,1-Dichloroethane	ND	1.0	ug/L	0.24
1,2-Dichloroethane	ND	1.0	ug/L	0.21
1,1-Dichloroethene	ND	1.0	ug/L	0.28
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.27
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.27
1,2-Dichloropropane	ND	1.0	ug/L	0.18
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.19
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.18
Ethylbenzene	ND	1.0	ug/L	0.18
2-Hexanone	ND	5.0	ug/L	0.53
Isopropylbenzene	ND	1.0	ug/L	0.22
Methyl acetate	ND	1.0	ug/L	0.10
Methylene chloride	ND	1.0	ug/L	0.32
Methylcyclohexane	ND	1.0	ug/L	0.32
4-Methyl-2-pentanone	ND	5.0	ug/L	0.23
Methyl tert-butyl ether	ND	1.0	ug/L	0.20

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AECOM, Inc

Client Sample ID: MW-2

GC/MS Volatiles

Lot-Sample #...: C8L100288-005 Work Order #...: K4FNG1AH Matrix.....: WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Styrene	ND	1.0	ug/L	0.22
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.15
1,2,4-Trichloro-benzene	ND	1.0	ug/L	0.15
Tetrachloroethene	ND	1.0	ug/L	0.24
1,1,1-Trichloroethane	ND	1.0	ug/L	0.25
1,1,2-Trichloroethane	ND	1.0	ug/L	0.20
Trichloroethene	ND	1.0	ug/L	0.29
Trichlorofluoromethane	ND	1.0	ug/L	0.080
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L	0.30
Toluene	ND	1.0	ug/L	0.23
Vinyl chloride	ND	1.0	ug/L	0.29
Xylenes (total)	ND	3.0	ug/L	0.62

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	107	(71 - 118)
1,2-Dichloroethane-d4	102	(64 - 135)
4-Bromofluorobenzene	108	(70 - 118)
Dibromofluoromethane	99	(70 - 128)

AECOM, Inc

Client Sample ID: MW-2

GC/MS Semivolatiles

Lot-Sample #...:	C8L100288-005	Work Order #...:	K4FNG1AJ	Matrix.....:	WG
Date Sampled...:	12/09/08 09:00	Date Received..:	12/10/08 10:15	MS Run #.....:	8350082
Prep Date.....:	12/15/08	Analysis Date..:	12/19/08		
Prep Batch #...:	8350174	Analysis Time..:	03:36		
Dilution Factor:	0.98	Initial Wgt/Vol:	1020 mL	Final Wgt/Vol..:	10 mL
Analyst ID.....:	003200	Instrument ID..:	733		
		Method.....:	SW846 8270C		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	2.0	ug/L	0.14
Acenaphthylene	ND	2.0	ug/L	0.083
Acetophenone	ND	9.8	ug/L	0.22
Anthracene	ND	2.0	ug/L	1.0
Atrazine	ND	9.8	ug/L	0.20
Benzo(a)anthracene	ND	2.0	ug/L	0.17
Benzo(a)pyrene	ND	2.0	ug/L	0.11
Benzo(b)fluoranthene	ND	2.0	ug/L	0.16
Benzo(ghi)perylene	ND	2.0	ug/L	0.14
Benzo(k)fluoranthene	ND	2.0	ug/L	0.16
Benzaldehyde	ND	9.8	ug/L	0.49
1,1'-Biphenyl	ND	9.8	ug/L	0.15
bis(2-Chloroethoxy) methane	ND	9.8	ug/L	0.13
bis(2-Chloroethyl) ether	ND	2.0	ug/L	0.26
bis(2-Ethylhexyl) phthalate	ND	9.8	ug/L	0.45
4-Bromophenyl phenyl ether	ND	9.8	ug/L	0.18
Butyl benzyl phthalate	ND	9.8	ug/L	3.0
Caprolactam	ND	49	ug/L	7.1
Carbazole	ND	2.0	ug/L	0.13
4-Chloroaniline	ND	9.8	ug/L	1.1
4-Chloro-3-methylphenol	ND	9.8	ug/L	0.25
2-Chloronaphthalene	ND	2.0	ug/L	0.15
2-Chlorophenol	ND	9.8	ug/L	0.21
4-Chlorophenyl phenyl ether	ND	9.8	ug/L	0.10
Chrysene	ND	2.0	ug/L	0.11
Dibenz(a,h)anthracene	ND	2.0	ug/L	0.12
Dibenzofuran	ND	9.8	ug/L	0.18
3,3'-Dichlorobenzidine	ND	9.8	ug/L	0.35
2,4-Dichlorophenol	ND	2.0	ug/L	0.13
Diethyl phthalate	ND	9.8	ug/L	0.44
2,4-Dimethylphenol	ND	9.8	ug/L	0.079
Dimethyl phthalate	ND	9.8	ug/L	0.14

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AECOM, Inc

Client Sample ID: MW-2

GC/MS Semivolatiles

Lot-Sample #...: C8L100288-005 **Work Order #...:** K4FNG1AJ **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-butyl phthalate	ND	9.8	ug/L	0.29
4,6-Dinitro-2-methylphenol	ND	49	ug/L	7.6
2,4-Dinitrophenol	ND	49	ug/L	6.0
2,4-Dinitrotoluene	ND	9.8	ug/L	0.16
2,6-Dinitrotoluene	ND	9.8	ug/L	0.19
Di-n-octyl phthalate	ND	9.8	ug/L	0.15
Fluoranthene	ND	2.0	ug/L	0.098
Fluorene	ND	2.0	ug/L	0.097
Hexachlorobenzene	ND	2.0	ug/L	0.18
Hexachlorobutadiene	ND	2.0	ug/L	0.12
Hexachlorocyclopentadiene	ND	9.8	ug/L	0.11
Hexachloroethane	ND	9.8	ug/L	0.075
Indeno(1,2,3-cd)pyrene	ND	2.0	ug/L	0.16
Isophorone	ND	9.8	ug/L	0.28
2-Methylnaphthalene	ND	2.0	ug/L	0.15
2-Methylphenol	ND	9.8	ug/L	0.14
4-Methylphenol	ND	9.8	ug/L	0.17
Naphthalene	ND	2.0	ug/L	0.27
2-Nitroaniline	ND	49	ug/L	0.16
3-Nitroaniline	ND	49	ug/L	0.25
4-Nitroaniline	ND	49	ug/L	0.22
Nitrobenzene	ND	2.0	ug/L	0.18
2-Nitrophenol	ND	9.8	ug/L	0.14
4-Nitrophenol	ND	49	ug/L	3.8
N-Nitrosodi-n-propylamine	ND	2.0	ug/L	0.38
N-Nitrosodiphenylamine	ND	2.0	ug/L	0.13
2,2'-oxybis(1-Chloropropane)	ND	2.0	ug/L	0.34
Pentachlorophenol	ND	9.8	ug/L	1.8
Phenanthrene	ND	2.0	ug/L	0.28
Phenol	ND	2.0	ug/L	0.23
Pyrene	ND	2.0	ug/L	0.11
2,4,5-Trichlorophenol	ND	9.8	ug/L	0.15
2,4,6-Trichlorophenol	ND	9.8	ug/L	0.089

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AECOM, Inc

Client Sample ID: MW-2

GC/MS Semivolatiles

Lot-Sample #...: C8L100288-005 Work Order #...: K4FNG1AJ Matrix.....: WG

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	80	(33 - 122)
2-Fluorobiphenyl	68	(35 - 108)
2-Fluorophenol	59	(26 - 100)
Nitrobenzene-d5	68	(37 - 104)
Phenol-d5	62	(30 - 102)
Terphenyl-d14	72	(25 - 130)

AECOM, Inc

Client Sample ID: MW-2

TOTAL Metals

Lot-Sample #...: C8L100288-005 Matrix.....: WG
Date Sampled...: 12/09/08 Date Received..: 12/10/08

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8346399						
Silver	ND	5.0	ug/L	SW846 6010B	12/11-12/27/08	K4FNG1AK
		Dilution Factor: 1		Analysis Time..: 13:02	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 0.54	
Aluminum	**39.1 B J**	**200**	**ug/L**	**SW846 6010B**	**12/11-12/27/08**	**K4FNG1AL**
		Dilution Factor: 1		Analysis Time..: 13:02	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 16.2	
Arsenic	ND	10.0	ug/L	SW846 6010B	12/11-12/27/08	K4FNG1AM
		Dilution Factor: 1		Analysis Time..: 13:02	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 2.0	
Barium	~~65.8 B~~ 200 U	**200**	**ug/L**	**SW846 6010B**	**12/11-12/27/08**	**K4FNG1AN**
		Dilution Factor: 1		Analysis Time..: 13:02	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 0.26	
Beryllium	ND	4.0	ug/L	SW846 6010B	12/11-12/27/08	K4FNG1AP
		Dilution Factor: 1		Analysis Time..: 13:02	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 0.18	
Calcium	**177000 J**	**5000**	**ug/L**	**SW846 6010B**	**12/11-12/27/08**	**K4FNG1AQ**
		Dilution Factor: 1		Analysis Time..: 13:02	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 17.7	
Cadmium	ND	5.0	ug/L	SW846 6010B	12/11-12/27/08	K4FNG1AR
		Dilution Factor: 1		Analysis Time..: 13:02	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 0.21	
Cobalt	ND	50.0	ug/L	SW846 6010B	12/11-12/27/08	K4FNG1AT
		Dilution Factor: 1		Analysis Time..: 13:02	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 0.45	
Chromium	ND	5.0	ug/L	SW846 6010B	12/11-12/27/08	K4FNG1AU
		Dilution Factor: 1		Analysis Time..: 13:02	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 1.1	

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AECOM, Inc

Client Sample ID: MW-2

TOTAL Metals

Lot-Sample #...: C8L100288-005 Matrix.....: WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Copper	ND	25.0	ug/L	SW846 6010B	12/11-12/27/08	K4FNG1AV
		Dilution Factor: 1		Analysis Time..: 13:02	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 4.6	
Iron	~~32.7 B~~ 40.0 U	100	ug/L	SW846 6010B	12/11-12/27/08	K4FNG1AW
		Dilution Factor: 1		Analysis Time..: 13:02	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 8.4	
Potassium	12700	5000	ug/L	SW846 6010B	12/11-12/27/08	K4FNG1AX
		Dilution Factor: 1		Analysis Time..: 13:02	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 750	
Magnesium	19900	5000	ug/L	SW846 6010B	12/11-12/27/08	K4FNG1A0
		Dilution Factor: 1		Analysis Time..: 13:02	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 21.8	
Manganese	~~1.7 B~~ 15.0 U	15.0	ug/L	SW846 6010B	12/11-12/27/08	K4FNG1A1
		Dilution Factor: 1		Analysis Time..: 13:02	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 0.57	
Sodium	79100	5000	ug/L	SW846 6010B	12/11-12/27/08	K4FNG1A2
		Dilution Factor: 1		Analysis Time..: 13:02	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 145	
Nickel	~~2.2 B~~ 40.0 U	40.0	ug/L	SW846 6010B	12/11-12/27/08	K4FNG1A3
		Dilution Factor: 1		Analysis Time..: 13:02	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 0.78	
Lead	ND	3.0	ug/L	SW846 6010B	12/11-12/27/08	K4FNG1A4
		Dilution Factor: 1		Analysis Time..: 13:02	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 1.7	
Selenium	7.1	5.0	ug/L	SW846 6010B	12/11-12/27/08	K4FNG1A5
		Dilution Factor: 1		Analysis Time..: 13:02	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 2.9	
Thallium	ND	10.0	ug/L	SW846 6010B	12/11-12/27/08	K4FNG1AA
		Dilution Factor: 1		Analysis Time..: 13:02	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 2.8	

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AECOM, Inc

Client Sample ID: MW-2

TOTAL Metals

Lot-Sample #...: C8L100288-005 Matrix.....: WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	ND	10.0	ug/L	SW846 6010B	12/11-12/27/08	K4FNG1AC
		Dilution Factor: 1		Analysis Time..: 13:02	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 1.8	
Vanadium	ND	50.0	ug/L	SW846 6010B	12/11-12/27/08	K4FNG1AD
		Dilution Factor: 1		Analysis Time..: 13:02	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 2.4	
Zinc	~~4.0 B,J~~ 20.0U	**20.0**	**ug/L**	**SW846 6010B**	**12/11-12/27/08**	**K4FNG1AE**
		Dilution Factor: 1		Analysis Time..: 13:02	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 3.1	
Prep Batch #...: 8357029						
Mercury	ND	0.20	ug/L	SW846 7470A	12/22/08	K4FNG1AF
		Dilution Factor: 1		Analysis Time..: 09:16	Analyst ID.....: 031043	
		Instrument ID..: HGHYDRA		MS Run #.....: 8357022	MDL.....: 0.016	

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.

AECOM, Inc

Client Sample ID: MW-3

GC/MS Volatiles

Lot-Sample #...: C8L100288-006	Work Order #...: K4FPE1AH	Matrix.....: WG
Date Sampled...: 12/09/08	Date Received..: 12/10/08	MS Run #.....: 8352329
Prep Date.....: 12/17/08	Analysis Date..: 12/17/08	
Prep Batch #...: 8352472	Analysis Time..: 23:55	
Dilution Factor: 1	Initial Wgt/Vol: 5 mL	Final Wgt/Vol..: 5 mL
Analyst ID.....: 403794	Instrument ID..: HP5	
	Method.....: SW846 8260B	

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	5.0	ug/L	2.5
Benzene	ND	1.0	ug/L	0.27
Bromodichloromethane	ND	1.0	ug/L	0.20
Bromoform	ND	1.0	ug/L	0.25
Bromomethane	ND	1.0	ug/L	0.30
2-Butanone	ND	5.0	ug/L	0.50
Carbon disulfide	ND	1.0	ug/L	0.20
Carbon tetrachloride	ND	1.0	ug/L	0.30
Chlorobenzene	ND	1.0	ug/L	0.23
Chloroethane	ND	1.0	ug/L	0.25
Chloroform	ND	1.0	ug/L	0.24
Chloromethane	ND	1.0	ug/L	0.27
Cyclohexane	ND	1.0	ug/L	0.30
Dibromochloromethane	ND	1.0	ug/L	0.16
1,2-Dibromo-3-chloro-propane	ND	1.0	ug/L	0.24
1,2-Dibromoethane	ND	1.0	ug/L	0.23
1,3-Dichlorobenzene	ND	1.0	ug/L	0.16
1,4-Dichlorobenzene	ND	1.0	ug/L	0.18
1,2-Dichlorobenzene	ND	1.0	ug/L	0.22
Dichlorodifluoromethane	ND	1.0	ug/L	0.26
1,1-Dichloroethane	ND	1.0	ug/L	0.24
1,2-Dichloroethane	ND	1.0	ug/L	0.21
1,1-Dichloroethene	ND	1.0	ug/L	0.28
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.27
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.27
1,2-Dichloropropane	ND	1.0	ug/L	0.18
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.19
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.18
Ethylbenzene	ND	1.0	ug/L	0.18
2-Hexanone	ND	5.0	ug/L	0.53
Isopropylbenzene	ND	1.0	ug/L	0.22
Methyl acetate	ND	1.0	ug/L	0.10
Methylene chloride	ND	1.0	ug/L	0.32
Methylcyclohexane	ND	1.0	ug/L	0.32
4-Methyl-2-pentanone	ND	5.0	ug/L	0.23
Methyl tert-butyl ether	ND	1.0	ug/L	0.20

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AECOM, Inc

Client Sample ID: MW-3

GC/MS Volatiles

Lot-Sample #...: C8L100288-006 Work Order #...: K4FPE1AH Matrix.....: WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Styrene	ND	1.0	ug/L	0.22
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.15
1,2,4-Trichloro-benzene	ND	1.0	ug/L	0.15
Tetrachloroethene	ND	1.0	ug/L	0.24
1,1,1-Trichloroethane	ND	1.0	ug/L	0.25
1,1,2-Trichloroethane	ND	1.0	ug/L	0.20
Trichloroethene	ND	1.0	ug/L	0.29
Trichlorofluoromethane	ND	1.0	ug/L	0.080
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L	0.30
Toluene	ND	1.0	ug/L	0.23
Vinyl chloride	ND	1.0	ug/L	0.29
Xylenes (total)	ND	3.0	ug/L	0.62

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	108	(71 - 118)
1,2-Dichloroethane-d4	100	(64 - 135)
4-Bromofluorobenzene	103	(70 - 118)
Dibromofluoromethane	103	(70 - 128)

AECOM, Inc

Client Sample ID: MW-3

GC/MS Semivolatiles

Lot-Sample #...:	C8L100288-006	**Work Order #...:**	K4FPE1AJ	**Matrix.....:**	WG
Date Sampled...:	12/09/08 10:45	**Date Received..:**	12/10/08 10:15	**MS Run #.....:**	8350082
Prep Date.....:	12/15/08	**Analysis Date..:**	12/19/08		
Prep Batch #...:	8350174	**Analysis Time..:**	04:36		
Dilution Factor:	0.96	**Initial Wgt/Vol:**	1040 mL	**Final Wgt/Vol..:**	10 mL
Analyst ID.....:	003200	**Instrument ID..:**	733		
		Method.....:	SW846 8270C		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	1.9	ug/L	0.14
Acenaphthylene	ND	1.9	ug/L	0.081
Acetophenone	ND	9.6	ug/L	0.21
Anthracene	ND	1.9	ug/L	1.0
Atrazine	ND	9.6	ug/L	0.19
Benzo(a)anthracene	ND	1.9	ug/L	0.17
Benzo(a)pyrene	ND	1.9	ug/L	0.11
Benzo(b)fluoranthene	ND	1.9	ug/L	0.16
Benzo(ghi)perylene	ND	1.9	ug/L	0.14
Benzo(k)fluoranthene	ND	1.9	ug/L	0.16
Benzaldehyde	ND	9.6	ug/L	0.48
1,1'-Biphenyl	ND	9.6	ug/L	0.15
bis(2-Chloroethoxy) methane	ND	9.6	ug/L	0.13
bis(2-Chloroethyl)-ether	ND	1.9	ug/L	0.25
bis(2-Ethylhexyl) phthalate	ND	9.6	ug/L	0.44
4-Bromophenyl phenyl ether	ND	9.6	ug/L	0.18
Butyl benzyl phthalate	ND	9.6	ug/L	2.9
Caprolactam	ND	48	ug/L	6.9
Carbazole	ND	1.9	ug/L	0.13
4-Chloroaniline	ND	9.6	ug/L	1.0
4-Chloro-3-methylphenol	ND	9.6	ug/L	0.24
2-Chloronaphthalene	ND	1.9	ug/L	0.15
2-Chlorophenol	ND	9.6	ug/L	0.20
4-Chlorophenyl phenyl ether	ND	9.6	ug/L	0.10
Chrysene	ND	1.9	ug/L	0.10
Dibenz(a,h)anthracene	ND	1.9	ug/L	0.12
Dibenzofuran	ND	9.6	ug/L	0.18
3,3'-Dichlorobenzidine	ND	9.6	ug/L	0.35
2,4-Dichlorophenol	ND	1.9	ug/L	0.13
Diethyl phthalate	ND	9.6	ug/L	0.43
2,4-Dimethylphenol	ND	9.6	ug/L	0.077
Dimethyl phthalate	ND	9.6	ug/L	0.13

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AECOM, Inc

Client Sample ID: MW-3

GC/MS Semivolatiles

Lot-Sample #...: C8L100288-006 Work Order #...: K4FPE1AJ Matrix.....: WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-butyl phthalate	ND	9.6	ug/L	0.29
4,6-Dinitro-2-methylphenol	ND	48	ug/L	7.5
2,4-Dinitrophenol	ND	48	ug/L	5.9
2,4-Dinitrotoluene	ND	9.6	ug/L	0.16
2,6-Dinitrotoluene	ND	9.6	ug/L	0.18
Di-n-octyl phthalate	ND	9.6	ug/L	0.15
Fluoranthene	**0.21 J**	**1.9**	**ug/L**	**0.096**
Fluorene	**1.2 J**	**1.9**	**ug/L**	**0.095**
Hexachlorobenzene	ND	1.9	ug/L	0.17
Hexachlorobutadiene	ND	1.9	ug/L	0.12
Hexachlorocyclopentadiene	ND	9.6	ug/L	0.11
Hexachloroethane	ND	9.6	ug/L	0.074
Indeno(1,2,3-cd)pyrene	ND	1.9	ug/L	0.15
Isophorone	ND	9.6	ug/L	0.28
2-Methylnaphthalene	ND	1.9	ug/L	0.15
2-Methylphenol	ND	9.6	ug/L	0.13
4-Methylphenol	ND	9.6	ug/L	0.17
Naphthalene	ND	1.9	ug/L	0.27
2-Nitroaniline	ND	48	ug/L	0.16
3-Nitroaniline	ND	48	ug/L	0.25
4-Nitroaniline	ND	48	ug/L	0.22
Nitrobenzene	ND	1.9	ug/L	0.17
2-Nitrophenol	ND	9.6	ug/L	0.13
4-Nitrophenol	ND	48	ug/L	3.8
N-Nitrosodi-n-propylamine	ND	1.9	ug/L	0.37
N-Nitrosodiphenylamine	ND	1.9	ug/L	0.13
2,2'-oxybis (1-Chloropropane)	ND	1.9	ug/L	0.33
Pentachlorophenol	ND	9.6	ug/L	1.8
Phenanthrene	**3.2**	**1.9**	**ug/L**	**0.27**
Phenol	ND	1.9	ug/L	0.23
Pyrene	**0.29 J**	**1.9**	**ug/L**	**0.11**
2,4,5-Trichlorophenol	ND	9.6	ug/L	0.15
2,4,6-Trichlorophenol	ND	9.6	ug/L	0.087

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AECOM, Inc

Client Sample ID: MW-3

GC/MS Semivolatiles

Lot-Sample #...: C8L100288-006 Work Order #...: K4FPE1AJ Matrix.....: WG

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	79	(33 - 122)
2-Fluorobiphenyl	72	(35 - 108)
2-Fluorophenol	59	(26 - 100)
Nitrobenzene-d5	70	(37 - 104)
Phenol-d5	64	(30 - 102)
Terphenyl-d14	77	(25 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

AECOM, Inc

Client Sample ID: MW-3

TOTAL Metals

Lot-Sample #...: C8L100288-006 Matrix.....: WG
Date Sampled...: 12/09/08 Date Received..: 12/10/08

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8346399						
Silver	ND	5.0	ug/L	SW846 6010B	12/11-12/27/08	K4FPE1AK
		Dilution Factor: 1		Analysis Time..: 13:24	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 0.54	
Aluminum	ND	200	ug/L	SW846 6010B	12/11-12/27/08	K4FPE1AL
		Dilution Factor: 1		Analysis Time..: 13:24	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 16.2	
Arsenic	ND	10.0	ug/L	SW846 6010B	12/11-12/27/08	K4FPE1AM
		Dilution Factor: 1		Analysis Time..: 13:24	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 2.0	
Barium	~~120 B~~	**200**	**ug/L**	**SW846 6010B**	**12/11-12/27/08**	**K4FPE1AN**
		Dilution Factor: 1		Analysis Time..: 13:24	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 0.26	
Beryllium	ND	4.0	ug/L	SW846 6010B	12/11-12/27/08	K4FPE1AP
		Dilution Factor: 1		Analysis Time..: 13:24	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 0.18	
Calcium	**193000** J	**5000**	**ug/L**	**SW846 6010B**	**12/11-12/27/08**	**K4FPE1AQ**
		Dilution Factor: 1		Analysis Time..: 13:24	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 17.7	
Cadmium	ND	5.0	ug/L	SW846 6010B	12/11-12/27/08	K4FPE1AR
		Dilution Factor: 1		Analysis Time..: 13:24	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 0.21	
Cobalt	ND	50.0	ug/L	SW846 6010B	12/11-12/27/08	K4FPE1AT
		Dilution Factor: 1		Analysis Time..: 13:24	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 0.45	
Chromium	ND	5.0	ug/L	SW846 6010B	12/11-12/27/08	K4FPE1AU
		Dilution Factor: 1		Analysis Time..: 13:24	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 1.1	

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AECOM, Inc

Client Sample ID: MW-3

TOTAL Metals

Lot-Sample #...: C8L100288-006 Matrix.....: WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Copper	ND	25.0	ug/L	SW846 6010B	12/11-12/27/08	K4FPE1AV
		Dilution Factor: 1		Analysis Time..: 13:24	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 4.6	
Iron	ND	100	ug/L	SW846 6010B	12/11-12/27/08	K4FPE1AW
		Dilution Factor: 1		Analysis Time..: 13:24	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 8.4	
Potassium	**12900**	**5000**	**ug/L**	**SW846 6010B**	**12/11-12/27/08**	**K4FPE1AX**
		Dilution Factor: 1		Analysis Time..: 13:24	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 750	
Magnesium	**24000**	**5000**	**ug/L**	**SW846 6010B**	**12/11-12/27/08**	**K4FPE1A0**
		Dilution Factor: 1		Analysis Time..: 13:24	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 21.8	
Manganese	**60.6**	**15.0**	**ug/L**	**SW846 6010B**	**12/11-12/27/08**	**K4FPE1A1**
		Dilution Factor: 1		Analysis Time..: 13:24	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 0.57	
Sodium	**32500**	**5000**	**ug/L**	**SW846 6010B**	**12/11-12/27/08**	**K4FPE1A2**
		Dilution Factor: 1		Analysis Time..: 13:24	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 145	
Nickel	~~2.2 B~~ 40.0 U	**40.0**	**ug/L**	**SW846 6010B**	**12/11-12/27/08**	**K4FPE1A3**
		Dilution Factor: 1		Analysis Time..: 13:24	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 0.78	
Lead	ND	3.0	ug/L	SW846 6010B	12/11-12/27/08	K4FPE1A4
		Dilution Factor: 1		Analysis Time..: 13:24	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 1.7	
Selenium	**13.9**	**5.0**	**ug/L**	**SW846 6010B**	**12/11-12/27/08**	**K4FPE1A5**
		Dilution Factor: 1		Analysis Time..: 13:24	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 2.9	
Thallium	ND	10.0	ug/L	SW846 6010B	12/11-12/27/08	K4FPE1AA
		Dilution Factor: 1		Analysis Time..: 13:24	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 2.8	

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ABCOM, Inc

Client Sample ID: MW-3

TOTAL Metals

Lot-Sample #...: C8L100288-006 Matrix.....: WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	ND	10.0	ug/L	SW846 6010B	12/11-12/27/08	K4FPE1AC
		Dilution Factor: 1		Analysis Time..: 13:24	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 1.8	
Vanadium	ND	50.0	ug/L	SW846 6010B	12/11-12/27/08	K4FPE1AD
		Dilution Factor: 1		Analysis Time..: 13:24	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 2.4	
Zinc	~~3.5 B,J~~ 20.0 U	**20.0**	**ug/L**	**SW846 6010B**	**12/11-12/27/08**	**K4FPE1AE**
		Dilution Factor: 1		Analysis Time..: 13:24	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 3.1	
Prep Batch #...: 8357029						
Mercury	ND	0.20	ug/L	SW846 7470A	12/22/08	K4FPE1AF
		Dilution Factor: 1		Analysis Time..: 09:21	Analyst ID.....: 031043	
		Instrument ID..: HGHYDRA		MS Run #.....: 8357022	MDL.....: 0.016	

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.

AECOM, Inc

Client Sample ID: MW-4

GC/MS Volatiles

Lot-Sample #...: C8L100288-001	**Work Order #...:** K4FMX1AA	**Matrix.....:** WG	
Date Sampled...: 12/09/08	**Date Received..:** 12/10/08	**MS Run #.....:** 8353187	
Prep Date.....: 12/18/08	**Analysis Date..:** 12/18/08		
Prep Batch #...: 8353293	**Analysis Time..:** 13:00		
Dilution Factor: 1	**Initial Wgt/Vol:** 5 mL	**Final Wgt/Vol..:** 5 mL	
Analyst ID.....: 001562	**Instrument ID..:** HP5		
	Method.....: SW846 8260B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	5.0	ug/L	2.5
Benzene	**1.6**	**1.0**	**ug/L**	**0.27**
Bromodichloromethane	ND	1.0	ug/L	0.20
Bromoform	ND	1.0	ug/L	0.25
Bromomethane	ND	1.0	ug/L	0.30
2-Butanone	ND	5.0	ug/L	0.50
Carbon disulfide	ND	1.0	ug/L	0.20
Carbon tetrachloride	ND	1.0	ug/L	0.30
Chlorobenzene	ND	1.0	ug/L	0.23
Chloroethane	ND	1.0	ug/L	0.25
Chloroform	ND	1.0	ug/L	0.24
Chloromethane	ND	1.0	ug/L	0.27
Cyclohexane	ND	1.0	ug/L	0.30
Dibromochloromethane	ND	1.0	ug/L	0.16
1,2-Dibromo-3-chloro-propane	ND	1.0	ug/L	0.24
1,2-Dibromoethane	ND	1.0	ug/L	0.23
1,3-Dichlorobenzene	ND	1.0	ug/L	0.16
1,4-Dichlorobenzene	ND	1.0	ug/L	0.18
1,2-Dichlorobenzene	ND	1.0	ug/L	0.22
Dichlorodifluoromethane	ND	1.0	ug/L	0.26
1,1-Dichloroethane	ND	1.0	ug/L	0.24
1,2-Dichloroethane	ND	1.0	ug/L	0.21
1,1-Dichloroethene	ND	1.0	ug/L	0.28
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.27
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.27
1,2-Dichloropropane	ND	1.0	ug/L	0.18
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.19
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.18
Ethylbenzene	ND	1.0	ug/L	0.18
2-Hexanone	ND	5.0	ug/L	0.53
Isopropylbenzene	ND	1.0	ug/L	0.22
Methyl acetate	ND	1.0	ug/L	0.10
Methylene chloride	ND	1.0	ug/L	0.32
Methylcyclohexane	ND	1.0	ug/L	0.32
4-Methyl-2-pentanone	ND	5.0	ug/L	0.23
Methyl tert-butyl ether	ND	1.0	ug/L	0.20

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AECOM, Inc

Client Sample ID: MW-4

GC/MS Volatiles

Lot-Sample #...: C8L100288-001 Work Order #...: K4FMX1AA Matrix.....: WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Styrene	ND	1.0	ug/L	0.22
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.15
1,2,4-Trichloro-benzene	ND	1.0	ug/L	0.15
Tetrachloroethene	ND	1.0	ug/L	0.24
1,1,1-Trichloroethane	ND	1.0	ug/L	0.25
1,1,2-Trichloroethane	ND	1.0	ug/L	0.20
Trichloroethene	ND	1.0	ug/L	0.29
Trichlorofluoromethane	ND	1.0	ug/L	0.080
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L	0.30
Toluene	ND	1.0	ug/L	0.23
Vinyl chloride	ND	1.0	ug/L	0.29
Xylenes (total)	ND	3.0	ug/L	0.62

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	109	(71 - 118)
1,2-Dichloroethane-d4	97	(64 - 135)
4-Bromofluorobenzene	103	(70 - 118)
Dibromofluoromethane	100	(70 - 128)

AECOM, Inc

Client Sample ID: MW-4

GC/MS Semivolatiles

Lot-Sample #...:	C8L100288-001	**Work Order #...:**	K4FMX1AC	**Matrix.....:**	WG
Date Sampled...:	12/09/08 15:30	**Date Received..:**	12/10/08 10:15	**MS Run #.....:**	8350082
Prep Date.....:	12/15/08	**Analysis Date..:**	12/19/08		
Prep Batch #...:	8350174	**Analysis Time..:**	01:37		
Dilution Factor:	0.98	**Initial Wgt/Vol:**	1020 mL	**Final Wgt/Vol..:**	10 mL
Analyst ID.....:	003200	**Instrument ID..:**	733		
		Method.....:	SW846 8270C		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	**0.63 J**	**2.0**	**ug/L**	**0.14**
Acenaphthylene	ND	2.0	ug/L	0.083
Acetophenone	ND	9.8	ug/L	0.22
Anthracene	ND	2.0	ug/L	1.0
Atrazine	ND	9.8	ug/L	0.20
Benzo(a)anthracene	ND	2.0	ug/L	0.17
Benzo(a)pyrene	ND	2.0	ug/L	0.11
Benzo(b)fluoranthene	ND	2.0	ug/L	0.16
Benzo(ghi)perylene	ND	2.0	ug/L	0.14
Benzo(k)fluoranthene	ND	2.0	ug/L	0.16
Benzaldehyde	ND	9.8	ug/L	0.49
1,1'-Biphenyl	ND	9.8	ug/L	0.15
bis(2-Chloroethoxy) methane	ND	9.8	ug/L	0.13
bis(2-Chloroethyl)-ether	ND	2.0	ug/L	0.26
bis(2-Ethylhexyl) phthalate	ND	9.8	ug/L	0.45
4-Bromophenyl phenyl ether	ND	9.8	ug/L	0.18
Butyl benzyl phthalate	ND	9.8	ug/L	3.0
Caprolactam	ND	49	ug/L	7.1
Carbazole	ND	2.0	ug/L	0.13
4-Chloroaniline	ND	9.8	ug/L	1.1
4-Chloro-3-methylphenol	ND	9.8	ug/L	0.25
2-Chloronaphthalene	ND	2.0	ug/L	0.15
2-Chlorophenol	ND	9.8	ug/L	0.21
4-Chlorophenyl phenyl ether	ND	9.8	ug/L	0.10
Chrysene	ND	2.0	ug/L	0.11
Dibenz(a,h)anthracene	ND	2.0	ug/L	0.12
Dibenzofuran	ND	9.8	ug/L	0.18
3,3'-Dichlorobenzidine	ND	9.8	ug/L	0.35
2,4-Dichlorophenol	ND	2.0	ug/L	0.13
Diethyl phthalate	ND	9.8	ug/L	0.44
2,4-Dimethylphenol	ND	9.8	ug/L	0.079
Dimethyl phthalate	ND	9.8	ug/L	0.14

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AECOM, Inc

Client Sample ID: MW-4

GC/MS Semivolatiles

Lot-Sample #...: C8L100288-001 Work Order #...: K4FMX1AC Matrix.....: WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-butyl phthalate	ND	9.8	ug/L	0.29
4,6-Dinitro-2-methylphenol	ND	49	ug/L	7.6
2,4-Dinitrophenol	ND	49	ug/L	6.0
2,4-Dinitrotoluene	ND	9.8	ug/L	0.16
2,6-Dinitrotoluene	ND	9.8	ug/L	0.19
Di-n-octyl phthalate	ND	9.8	ug/L	0.15
Fluoranthene	**0.31 J**	**2.0**	**ug/L**	**0.098**
Fluorene	ND	2.0	ug/L	0.097
Hexachlorobenzene	ND	2.0	ug/L	0.18
Hexachlorobutadiene	ND	2.0	ug/L	0.12
Hexachlorocyclopentadiene	ND	9.8	ug/L	0.11
Hexachloroethane	ND	9.8	ug/L	0.075
Indeno(1,2,3-cd)pyrene	ND	2.0	ug/L	0.16
Isophorone	ND	9.8	ug/L	0.28
2-Methylnaphthalene	ND	2.0	ug/L	0.15
2-Methylphenol	ND	9.8	ug/L	0.14
4-Methylphenol	ND	9.8	ug/L	0.17
Naphthalene	ND	2.0	ug/L	0.27
2-Nitroaniline	ND	49	ug/L	0.16
3-Nitroaniline	ND	49	ug/L	0.25
4-Nitroaniline	ND	49	ug/L	0.22
Nitrobenzene	ND	2.0	ug/L	0.18
2-Nitrophenol	ND	9.8	ug/L	0.14
4-Nitrophenol	ND	49	ug/L	3.8
N-Nitrosodi-n-propylamine	ND	2.0	ug/L	0.38
N-Nitrosodiphenylamine	ND	2.0	ug/L	0.13
2,2'-oxybis(1-Chloropropane)	ND	2.0	ug/L	0.34
Pentachlorophenol	ND	9.8	ug/L	1.8
Phenanthrene	ND	2.0	ug/L	0.28
Phenol	ND	2.0	ug/L	0.23
Pyrene	**0.26 J**	**2.0**	**ug/L**	**0.11**
2,4,5-Trichlorophenol	ND	9.8	ug/L	0.15
2,4,6-Trichlorophenol	ND	9.8	ug/L	0.089

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AECOM, Inc

Client Sample ID: MW-4

GC/MS Semivolatiles

Lot-Sample #...: C8L100288-001 Work Order #...: K4FMX1AC Matrix.....: WG

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	76	(33 - 122)
2-Fluorobiphenyl	67	(35 - 108)
2-Fluorophenol	51	(26 - 100)
Nitrobenzene-d5	65	(37 - 104)
Phenol-d5	55	(30 - 102)
Terphenyl-d14	61	(25 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

AECOM, Inc

Client Sample ID: MW-4

TOTAL Metals

Lot-Sample #...: C8L100288-001 Matrix.....: WG
Date Sampled...: 12/09/08 Date Received..: 12/10/08

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8346399						
Silver	ND	5.0	ug/L	SW846 6010B	12/11-12/27/08	K4FMX1AD
		Dilution Factor: 1		Analysis Time..: 12:24	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 0.54	
Aluminum	36.1 B J	200	ug/L	SW846 6010B	12/11-12/27/08	K4FMX1AE
		Dilution Factor: 1		Analysis Time..: 12:24	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 16.2	
Arsenic	6.2 B J	10.0	ug/L	SW846 6010B	12/11-12/27/08	K4FMX1AF
		Dilution Factor: 1		Analysis Time..: 12:24	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 2.0	
Barium	~~40.2 B~~ J+ J	200	ug/L	SW846 6010B	12/11-12/27/08	K4FMX1AG
		Dilution Factor: 1		Analysis Time..: 12:24	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 0.26	
Beryllium	ND	4.0	ug/L	SW846 6010B	12/11-12/27/08	K4FMX1AH
		Dilution Factor: 1		Analysis Time..: 12:24	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 0.18	
Calcium	87600 J	5000	ug/L	SW846 6010B	12/11-12/27/08	K4FMX1AJ
		Dilution Factor: 1		Analysis Time..: 12:24	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 17.7	
Cadmium	ND	5.0	ug/L	SW846 6010B	12/11-12/27/08	K4FMX1AK
		Dilution Factor: 1		Analysis Time..: 12:24	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 0.21	
Cobalt	ND	50.0	ug/L	SW846 6010B	12/11-12/27/08	K4FMX1AL
		Dilution Factor: 1		Analysis Time..: 12:24	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 0.45	
Chromium	ND	5.0	ug/L	SW846 6010B	12/11-12/27/08	K4FMX1AM
		Dilution Factor: 1		Analysis Time..: 12:24	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 1.1	

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AECOM, Inc

Client Sample ID: MW-4

TOTAL Metals

Lot-Sample #...: C8L100288-001 Matrix.....: WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Copper	ND	25.0	ug/L	SW846 6010B	12/11-12/27/08	K4FMX1AN
		Dilution Factor: 1		Analysis Time..: 12:24	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 4.6	
Iron	211	100	ug/L	SW846 6010B	12/11-12/27/08	K4FMX1AP
		Dilution Factor: 1		Analysis Time..: 12:24	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 8.4	
Potassium	14500	5000	ug/L	SW846 6010B	12/11-12/27/08	K4FMX1AQ
		Dilution Factor: 1		Analysis Time..: 12:24	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 750	
Magnesium	17500	5000	ug/L	SW846 6010B	12/11-12/27/08	K4FMX1AR
		Dilution Factor: 1		Analysis Time..: 12:24	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 21.8	
Manganese	72.2	15.0	ug/L	SW846 6010B	12/11-12/27/08	K4FMX1AT
		Dilution Factor: 1		Analysis Time..: 12:24	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 0.57	
Sodium	376000	5000	ug/L	SW846 6010B	12/11-12/27/08	K4FMX1AU
		Dilution Factor: 1		Analysis Time..: 12:24	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 145	
Nickel	~~1.6 B~~ 40.0 U	40.0	ug/L	SW846 6010B	12/11-12/27/08	K4FMX1AV
		Dilution Factor: 1		Analysis Time..: 12:24	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 0.78	
Lead	ND	3.0	ug/L	SW846 6010B	12/11-12/27/08	K4FMX1AW
		Dilution Factor: 1		Analysis Time..: 12:24	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 1.7	
Selenium	ND	5.0	ug/L	SW846 6010B	12/11-12/27/08	K4FMX1AX
		Dilution Factor: 1		Analysis Time..: 12:24	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 2.9	
Thallium	ND	10.0	ug/L	SW846 6010B	12/11-12/27/08	K4FMX1A0
		Dilution Factor: 1		Analysis Time..: 12:24	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 2.8	

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AECOM, Inc

Client Sample ID: MW-4

TOTAL Metals

Lot-Sample #...: C8L100288-001 Matrix.....: WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	ND	10.0	ug/L	SW846 6010B	12/11-12/27/08	K4FMX1A1
		Dilution Factor: 1		Analysis Time..: 12:24	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 1.8	
Vanadium	8.6 B J	50.0	ug/L	SW846 6010B	12/11-12/27/08	K4FMX1A2
		Dilution Factor: 1		Analysis Time..: 12:24	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 2.4	
Zinc	~~5.3 B,J~~ 20.0 U	20.0	ug/L	SW846 6010B	12/11-12/27/08	K4FMX1A3
		Dilution Factor: 1		Analysis Time..: 12:24	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 3.1	
Prep Batch #...: 8357029						
Mercury	ND	0.20	ug/L	SW846 7470A	12/22/08	K4FMX1A4
		Dilution Factor: 1		Analysis Time..: 09:06	Analyst ID.....: 031043	
		Instrument ID..: HGHYDRA		MS Run #.....: 8357022	MDL.....: 0.016	

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.

AECOM, Inc

Client Sample ID: MW-5

GC/MS Volatiles

Lot-Sample #...:	C8L100288-007	**Work Order #...:**	K4FPF1AH	**Matrix.....:**	WG
Date Sampled...:	12/09/08	**Date Received..:**	12/10/08	**MS Run #.....:**	8352329
Prep Date.....:	12/17/08	**Analysis Date..:**	12/18/08		
Prep Batch #...:	8352472	**Analysis Time..:**	00:18		
Dilution Factor:	1	**Initial Wgt/Vol:**	5 mL	**Final Wgt/Vol..:**	5 mL
Analyst ID.....:	403794	**Instrument ID..:**	HP5		
		Method.....:	SW846 8260B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	5.0	ug/L	2.5
Benzene	ND	1.0	ug/L	0.27
Bromodichloromethane	ND	1.0	ug/L	0.20
Bromoform	ND	1.0	ug/L	0.25
Bromomethane	ND	1.0	ug/L	0.30
2-Butanone	ND	5.0	ug/L	0.50
Carbon disulfide	ND	1.0	ug/L	0.20
Carbon tetrachloride	ND	1.0	ug/L	0.30
Chlorobenzene	ND	1.0	ug/L	0.23
Chloroethane	ND	1.0	ug/L	0.25
Chloroform	ND	1.0	ug/L	0.24
Chloromethane	ND	1.0	ug/L	0.27
Cyclohexane	ND	1.0	ug/L	0.30
Dibromochloromethane	ND	1.0	ug/L	0.16
1,2-Dibromo-3-chloro-propane	ND	1.0	ug/L	0.24
1,2-Dibromoethane	ND	1.0	ug/L	0.23
1,3-Dichlorobenzene	ND	1.0	ug/L	0.16
1,4-Dichlorobenzene	ND	1.0	ug/L	0.18
1,2-Dichlorobenzene	ND	1.0	ug/L	0.22
Dichlorodifluoromethane	ND	1.0	ug/L	0.26
1,1-Dichloroethane	ND	1.0	ug/L	0.24
1,2-Dichloroethane	ND	1.0	ug/L	0.21
1,1-Dichloroethene	ND	1.0	ug/L	0.28
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.27
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.27
1,2-Dichloropropane	ND	1.0	ug/L	0.18
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.19
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.18
Ethylbenzene	ND	1.0	ug/L	0.18
2-Hexanone	ND	5.0	ug/L	0.53
Isopropylbenzene	ND	1.0	ug/L	0.22
Methyl acetate	ND	1.0	ug/L	0.10
Methylene chloride	ND	1.0	ug/L	0.32
Methylcyclohexane	ND	1.0	ug/L	0.32
4-Methyl-2-pentanone	ND	5.0	ug/L	0.23
Methyl tert-butyl ether	ND	1.0	ug/L	0.20

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AECOM, Inc

Client Sample ID: MW-5

GC/MS Volatiles

Lot-Sample #...: C8L100288-007 Work Order #...: K4FPF1AH Matrix.....: WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Styrene	ND	1.0	ug/L	0.22
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.15
1,2,4-Trichloro-benzene	ND	1.0	ug/L	0.15
Tetrachloroethene	ND	1.0	ug/L	0.24
1,1,1-Trichloroethane	ND	1.0	ug/L	0.25
1,1,2-Trichloroethane	ND	1.0	ug/L	0.20
Trichloroethene	ND	1.0	ug/L	0.29
Trichlorofluoromethane	ND	1.0	ug/L	0.080
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L	0.30
Toluene	ND	1.0	ug/L	0.23
Vinyl chloride	ND	1.0	ug/L	0.29
Xylenes (total)	ND	3.0	ug/L	0.62

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	107	(71 - 118)
1,2-Dichloroethane-d4	99	(64 - 135)
4-Bromofluorobenzene	109	(70 - 118)
Dibromofluoromethane	101	(70 - 128)

AECOM, Inc

Client Sample ID: MW-5

GC/MS Semivolatiles

Lot-Sample #...:	C8L100288-007	Work Order #...:	K4FPF1AJ	Matrix.....:	WG
Date Sampled...:	12/09/08 11:55	Date Received..:	12/10/08 10:15	MS Run #.....:	8350082
Prep Date.....:	12/15/08	Analysis Date..:	12/19/08		
Prep Batch #...:	8350174	Analysis Time..:	04:56		
Dilution Factor:	0.97	Initial Wgt/Vol:	1030 mL	Final Wgt/Vol..:	10 mL
Analyst ID.....:	003200	Instrument ID..:	733		
		Method.....:	SW846 8270C		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	1.9	ug/L	0.14
Acenaphthylene	ND	1.9	ug/L	0.082
Acetophenone	ND	9.7	ug/L	0.21
Anthracene	ND	1.9	ug/L	1.0
Atrazine	ND	9.7	ug/L	0.20
Benzo(a)anthracene	ND	1.9	ug/L	0.17
Benzo(a)pyrene	ND	1.9	ug/L	0.11
Benzo(b)fluoranthene	ND	1.9	ug/L	0.16
Benzo(ghi)perylene	ND	1.9	ug/L	0.14
Benzo(k)fluoranthene	ND	1.9	ug/L	0.16
Benzaldehyde	ND	9.7	ug/L	0.49
1,1'-Biphenyl	ND	9.7	ug/L	0.15
bis(2-Chloroethoxy) methane	ND	9.7	ug/L	0.13
bis(2-Chloroethyl)-ether	ND	1.9	ug/L	0.26
bis(2-Ethylhexyl) phthalate	ND	9.7	ug/L	0.45
4-Bromophenyl phenyl ether	ND	9.7	ug/L	0.18
Butyl benzyl phthalate	ND	9.7	ug/L	3.0
Caprolactam	ND	48	ug/L	7.0
Carbazole	ND	1.9	ug/L	0.13
4-Chloroaniline	ND	9.7	ug/L	1.1
4-Chloro-3-methylphenol	ND	9.7	ug/L	0.25
2-Chloronaphthalene	ND	1.9	ug/L	0.15
2-Chlorophenol	ND	9.7	ug/L	0.20
4-Chlorophenyl phenyl ether	ND	9.7	ug/L	0.10
Chrysene	ND	1.9	ug/L	0.10
Dibenz(a,h)anthracene	ND	1.9	ug/L	0.12
Dibenzofuran	ND	9.7	ug/L	0.18
3,3'-Dichlorobenzidine	ND	9.7	ug/L	0.35
2,4-Dichlorophenol	ND	1.9	ug/L	0.13
Diethyl phthalate	ND	9.7	ug/L	0.44
2,4-Dimethylphenol	ND	9.7	ug/L	0.078
Dimethyl phthalate	ND	9.7	ug/L	0.14

(Continued on next page)

AECOM, Inc

Client Sample ID: MW-5

GC/MS Semivolatiles

Lot-Sample #...: C8L100288-007 **Work Order #...:** K4FPF1AJ **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-butyl phthalate	ND	9.7	ug/L	0.29
4,6-Dinitro-2-methylphenol	ND	48	ug/L	7.6
2,4-Dinitrophenol	ND	48	ug/L	6.0
2,4-Dinitrotoluene	ND	9.7	ug/L	0.16
2,6-Dinitrotoluene	ND	9.7	ug/L	0.19
Di-n-octyl phthalate	ND	9.7	ug/L	0.15
Fluoranthene	ND	1.9	ug/L	0.097
Fluorene	ND	1.9	ug/L	0.096
Hexachlorobenzene	ND	1.9	ug/L	0.18
Hexachlorobutadiene	ND	1.9	ug/L	0.12
Hexachlorocyclopentadiene	ND	9.7	ug/L	0.11
Hexachloroethane	ND	9.7	ug/L	0.074
Indeno(1,2,3-cd)pyrene	ND	1.9	ug/L	0.16
Isophorone	ND	9.7	ug/L	0.28
2-Methylnaphthalene	ND	1.9	ug/L	0.15
2-Methylphenol	ND	9.7	ug/L	0.14
4-Methylphenol	ND	9.7	ug/L	0.17
Naphthalene	ND	1.9	ug/L	0.27
2-Nitroaniline	ND	48	ug/L	0.16
3-Nitroaniline	ND	48	ug/L	0.25
4-Nitroaniline	ND	48	ug/L	0.22
Nitrobenzene	ND	1.9	ug/L	0.17
2-Nitrophenol	ND	9.7	ug/L	0.14
4-Nitrophenol	ND	48	ug/L	3.8
N-Nitrosodi-n-propylamine	ND	1.9	ug/L	0.37
N-Nitrosodiphenylamine	ND	1.9	ug/L	0.13
2,2'-oxybis(1-Chloropropane)	ND	1.9	ug/L	0.34
Pentachlorophenol	ND	9.7	ug/L	1.8
Phenanthrene	ND	1.9	ug/L	0.28
Phenol	ND	1.9	ug/L	0.23
Pyrene	ND	1.9	ug/L	0.11
2,4,5-Trichlorophenol	ND	9.7	ug/L	0.15
2,4,6-Trichlorophenol	ND	9.7	ug/L	0.088

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AECOM, Inc

Client Sample ID: MW-5

GC/MS Semivolatiles

Lot-Sample #...: C8L100288-007 Work Order #...: K4FPF1AJ Matrix.....: WG

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	81	(33 - 122)
2-Fluorobiphenyl	68	(35 - 108)
2-Fluorophenol	60	(26 - 100)
Nitrobenzene-d5	68	(37 - 104)
Phenol-d5	66	(30 - 102)
Terphenyl-d14	85	(25 - 130)

AECOM, Inc

Client Sample ID: MW-5

TOTAL Metals

Lot-Sample #...: C8L100288-007 Matrix.....: WG
Date Sampled...: 12/09/08 Date Received..: 12/10/08

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8346399						
Silver	0.57 B J	5.0	ug/L	SW846 6010B	12/11-12/27/08	K4FPF1AK
		Dilution Factor: 1		Analysis Time..: 13:30	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 0.54	
Aluminum	22.6 B J	200	ug/L	SW846 6010B	12/11-12/27/08	K4FPF1AL
		Dilution Factor: 1		Analysis Time..: 13:30	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 16.2	
Arsenic	34.3	10.0	ug/L	SW846 6010B	12/11-12/27/08	K4FPF1AM
		Dilution Factor: 1		Analysis Time..: 13:30	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 2.0	
Barium	~~114 B~~ 200 U	200	ug/L	SW846 6010B	12/11-12/27/08	K4FPF1AN
		Dilution Factor: 1		Analysis Time..: 13:30	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 0.26	
Beryllium	ND	4.0	ug/L	SW846 6010B	12/11-12/27/08	K4FPF1AP
		Dilution Factor: 1		Analysis Time..: 13:30	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 0.18	
Calcium	170000 J	5000	ug/L	SW846 6010B	12/11-12/27/08	K4FPF1AQ
		Dilution Factor: 1		Analysis Time..: 13:30	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 17.7	
Cadmium	0.23 B J	5.0	ug/L	SW846 6010B	12/11-12/27/08	K4FPF1AR
		Dilution Factor: 1		Analysis Time..: 13:30	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 0.21	
Cobalt	~~1.4 B~~ 50.0 U	50.0	ug/L	SW846 6010B	12/11-12/27/08	K4FPF1AT
		Dilution Factor: 1		Analysis Time..: 13:30	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 0.45	
Chromium	ND	5.0	ug/L	SW846 6010B	12/11-12/27/08	K4FPF1AU
		Dilution Factor: 1		Analysis Time..: 13:30	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 1.1	

(Continued on next page)

AECOM, Inc

Client Sample ID: MW-5

TOTAL Metals

Lot-Sample #...: C8L100288-007 Matrix.....: WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Copper	ND	25.0	ug/L	SW846 6010B	12/11-12/27/08	K4FPF1AV
		Dilution Factor: 1		Analysis Time..: 13:30	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 4.6	
Iron	7000	100	ug/L	SW846 6010B	12/11-12/27/08	K4FPF1AW
		Dilution Factor: 1		Analysis Time..: 13:30	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 8.4	
Potassium	11600	5000	ug/L	SW846 6010B	12/11-12/27/08	K4FPF1AX
		Dilution Factor: 1		Analysis Time..: 13:30	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 750	
Magnesium	28600	5000	ug/L	SW846 6010B	12/11-12/27/08	K4FPF1A0
		Dilution Factor: 1		Analysis Time..: 13:30	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 21.8	
Manganese	1050	15.0	ug/L	SW846 6010B	12/11-12/27/08	K4FPF1A1
		Dilution Factor: 1		Analysis Time..: 13:30	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 0.57	
Sodium	107000	5000	ug/L	SW846 6010B	12/11-12/27/08	K4FPF1A2
		Dilution Factor: 1		Analysis Time..: 13:30	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 145	
Nickel	~~2.3 B~~ 40.0 U	40.0	ug/L	SW846 6010B	12/11-12/27/08	K4FPF1A3
		Dilution Factor: 1		Analysis Time..: 13:30	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 0.78	
Lead	ND	3.0	ug/L	SW846 6010B	12/11-12/27/08	K4FPF1A4
		Dilution Factor: 1		Analysis Time..: 13:30	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 1.7	
Selenium	ND	5.0	ug/L	SW846 6010B	12/11-12/27/08	K4FPF1A5
		Dilution Factor: 1		Analysis Time..: 13:30	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 2.9	
Thallium	ND	10.0	ug/L	SW846 6010B	12/11-12/27/08	K4FPF1AA
		Dilution Factor: 1		Analysis Time..: 13:30	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 2.8	

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AECOM, Inc

Client Sample ID: MW-5

TOTAL Metals

Lot-Sample #...: C8L100288-007 Matrix.....: WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	ND	10.0	ug/L	SW846 6010B	12/11-12/27/08	K4FPF1AC
		Dilution Factor: 1		Analysis Time..: 13:30	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 1.8	
Vanadium	ND	50.0	ug/L	SW846 6010B	12/11-12/27/08	K4FPF1AD
		Dilution Factor: 1		Analysis Time..: 13:30	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 2.4	
Zinc	~~6.7 B,J~~ 20.0	**20.0**	**ug/L**	**SW846 6010B**	**12/11-12/27/08**	**K4FPF1AE**
		Dilution Factor: 1		Analysis Time..: 13:30	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 3.1	
Prep Batch #...: 8357029						
Mercury	ND	0.20	ug/L	SW846 7470A	12/22/08	K4FPF1AF
		Dilution Factor: 1		Analysis Time..: 00:00	Analyst ID.....: 031043	
		Instrument ID..: HGHYDRA		MS Run #.....: 8357022	MDL.....: 0.016	

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.

AECOM, Inc

Client Sample ID: MW-6

GC/MS Volatiles

Lot-Sample #...: C8L100288-009	**Work Order #...:** K4FPJ1AA	**Matrix.....:** WG	
Date Sampled...: 12/09/08	**Date Received..:** 12/10/08	**MS Run #.....:** 8353187	
Prep Date.....: 12/18/08	**Analysis Date..:** 12/18/08		
Prep Batch #...: 8353293	**Analysis Time..:** 16:28		
Dilution Factor: 1	**Initial Wgt/Vol:** 5 mL	**Final Wgt/Vol..:** 5 mL	
Analyst ID.....: 403794	**Instrument ID..:** HP5		
	Method.....: SW846 8260B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	5.0	ug/L	2.5
Benzene	ND	1.0	ug/L	0.27
Bromodichloromethane	ND	1.0	ug/L	0.20
Bromoform	ND	1.0	ug/L	0.25
Bromomethane	ND	1.0	ug/L	0.30
2-Butanone	ND	5.0	ug/L	0.50
Carbon disulfide	ND	1.0	ug/L	0.20
Carbon tetrachloride	ND	1.0	ug/L	0.30
Chlorobenzene	ND	1.0	ug/L	0.23
Chloroethane	ND	1.0	ug/L	0.25
Chloroform	ND	1.0	ug/L	0.24
Chloromethane	ND	1.0	ug/L	0.27
Cyclohexane	ND	1.0	ug/L	0.30
Dibromochloromethane	ND	1.0	ug/L	0.16
1,2-Dibromo-3-chloro-propane	ND	1.0	ug/L	0.24
1,2-Dibromoethane	ND	1.0	ug/L	0.23
1,3-Dichlorobenzene	**0.26 J**	**1.0**	**ug/L**	**0.16**
1,4-Dichlorobenzene	ND	1.0	ug/L	0.18
1,2-Dichlorobenzene	ND	1.0	ug/L	0.22
Dichlorodifluoromethane	ND	1.0	ug/L	0.26
1,1-Dichloroethane	ND	1.0	ug/L	0.24
1,2-Dichloroethane	ND	1.0	ug/L	0.21
1,1-Dichloroethene	ND	1.0	ug/L	0.28
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.27
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.27
1,2-Dichloropropane	ND	1.0	ug/L	0.18
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.19
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.18
Ethylbenzene	ND	1.0	ug/L	0.18
2-Hexanone	ND	5.0	ug/L	0.53
Isopropylbenzene	ND	1.0	ug/L	0.22
Methyl acetate	ND	1.0	ug/L	0.10
Methylene chloride	ND	1.0	ug/L	0.32
Methylcyclohexane	ND	1.0	ug/L	0.32
4-Methyl-2-pentanone	ND	5.0	ug/L	0.23
Methyl tert-butyl ether	ND	1.0	ug/L	0.20

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AECOM, Inc

Client Sample ID: MW-6

GC/MS Volatiles

Lot-Sample #...: C8L100288-009 Work Order #...: K4FPJ1AA Matrix.....: WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Styrene	ND	1.0	ug/L	0.22
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.15
1,2,4-Trichloro-benzene	ND	1.0	ug/L	0.15
Tetrachloroethene	ND	1.0	ug/L	0.24
1,1,1-Trichloroethane	ND	1.0	ug/L	0.25
1,1,2-Trichloroethane	ND	1.0	ug/L	0.20
Trichloroethene	ND	1.0	ug/L	0.29
Trichlorofluoromethane	ND	1.0	ug/L	0.080
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L	0.30
Toluene	ND	1.0	ug/L	0.23
Vinyl chloride	ND	1.0	ug/L	0.29
Xylenes (total)	ND	3.0	ug/L	0.62

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	104	(71 - 118)
1,2-Dichloroethane-d4	95	(64 - 135)
4-Bromofluorobenzene	106	(70 - 118)
Dibromofluoromethane	100	(70 - 128)

NOTE(S):

J Estimated result. Result is less than RL.

AECOM, Inc

Client Sample ID: MW-6

GC/MS Semivolatiles

Lot-Sample #...: C8L110371-001	Work Order #...: K4J231AA	Matrix.....: WG	
Date Sampled...: 12/10/08 07:30	Date Received..: 12/11/08 09:50	MS Run #.....:	
Prep Date.....: 12/17/08	Analysis Date..: 12/23/08		
Prep Batch #...: 8352356	Analysis Time..: 14:20		
Dilution Factor: 1.03	Initial Wgt/Vol: 970 mL	Final Wgt/Vol..: 10 mL	
Analyst ID.....: 007062	Instrument ID..: 722		
	Method.....: SW846 8270C		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	2.1	ug/L	0.15
Acenaphthylene	ND	2.1	ug/L	0.087
Acetophenone	ND	10	ug/L	0.23
Anthracene	ND	2.1	ug/L	1.1
Atrazine	ND	10	ug/L	0.21
Benzo(a)anthracene	ND	2.1	ug/L	0.18
Benzo(a)pyrene	ND	2.1	ug/L	0.12
Benzo(b)fluoranthene	ND	2.1	ug/L	0.17
Benzo(ghi)perylene	ND	2.1	ug/L	0.15
Benzo(k)fluoranthene	ND	2.1	ug/L	0.17
Benzaldehyde	ND *10 UJ*	10	ug/L	0.52
1,1'-Biphenyl	ND	10	ug/L	0.16
bis(2-Chloroethoxy) methane	ND	10	ug/L	0.14
bis(2-Chloroethyl)-ether	ND	2.1	ug/L	0.27
bis(2-Ethylhexyl) phthalate	ND *10 UJ*	10	ug/L	0.48
4-Bromophenyl phenyl ether	ND	10	ug/L	0.19
Butyl benzyl phthalate	ND	10	ug/L	3.2
Caprolactam	ND	52	ug/L	7.4
Carbazole	ND	2.1	ug/L	0.14
4-Chloroaniline	ND *10 UJ*	10	ug/L	1.1
4-Chloro-3-methylphenol	ND	10	ug/L	0.26
2-Chloronaphthalene	ND	2.1	ug/L	0.16
2-Chlorophenol	ND	10	ug/L	0.22
4-Chlorophenyl phenyl ether	ND	10	ug/L	0.11
Chrysene	ND	2.1	ug/L	0.11
Dibenz(a,h)anthracene	ND	2.1	ug/L	0.13
Dibenzofuran	ND	10	ug/L	0.19
3,3'-Dichlorobenzidine	ND *10 UJ*	10	ug/L	0.37
2,4-Dichlorophenol	ND	2.1	ug/L	0.14
Diethyl phthalate	ND	10	ug/L	0.46
2,4-Dimethylphenol	ND	10	ug/L	0.083
Dimethyl phthalate	ND	10	ug/L	0.14

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AECOM, Inc

Client Sample ID: MW-6

GC/MS Semivolatiles

Lot-Sample #...: C8L110371-001 Work Order #...: K4J231AA Matrix.....: WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-butyl phthalate	ND	10	ug/L	0.31
4,6-Dinitro-2-methylphenol	ND 52 uJ	52	ug/L	8.0
2,4-Dinitrophenol	ND 52 uJ	52	ug/L	6.3
2,4-Dinitrotoluene	ND	10	ug/L	0.17
2,6-Dinitrotoluene	ND	10	ug/L	0.20
Di-n-octyl phthalate	ND	10	ug/L	0.16
Fluoranthene	ND	2.1	ug/L	0.10
Fluorene	ND	2.1	ug/L	0.10
Hexachlorobenzene	ND	2.1	ug/L	0.19
Hexachlorobutadiene	ND	2.1	ug/L	0.13
Hexachlorocyclopentadiene	ND 10 uJ	10	ug/L	0.12
Hexachloroethane	ND	10	ug/L	0.079
Indeno(1,2,3-cd)pyrene	ND	2.1	ug/L	0.17
Isophorone	ND	10	ug/L	0.30
2-Methylnaphthalene	ND	2.1	ug/L	0.16
2-Methylphenol	ND	10	ug/L	0.14
4-Methylphenol	ND	10	ug/L	0.18
Naphthalene	ND	2.1	ug/L	0.29
2-Nitroaniline	ND	52	ug/L	0.17
3-Nitroaniline	ND 52 uJ	52	ug/L	0.27
4-Nitroaniline	ND 52 uJ	52	ug/L	0.23
Nitrobenzene	ND	2.1	ug/L	0.19
2-Nitrophenol	ND	10	ug/L	0.14
4-Nitrophenol	ND	52	ug/L	4.0
N-Nitrosodi-n-propylamine	ND	2.1	ug/L	0.40
N-Nitrosodiphenylamine	ND	2.1	ug/L	0.14
2,2'-oxybis(1-Chloropropane)	ND	2.1	ug/L	0.36
Pentachlorophenol	ND	10	ug/L	1.9
Phenanthrene	ND	2.1	ug/L	0.29
Phenol	ND	2.1	ug/L	0.24
Pyrene	ND	2.1	ug/L	0.11
2,4,5-Trichlorophenol	ND	10	ug/L	0.16
2,4,6-Trichlorophenol	ND	10	ug/L	0.094

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AECOM, Inc

Client Sample ID: MW-6

GC/MS Semivolatiles

Lot-Sample #...: C8L110371-001 Work Order #...: K4J231AA Matrix.....: WG

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	75	(33 - 122)
2-Fluorobiphenyl	51	(35 - 108)
2-Fluorophenol	27	(26 - 100)
Nitrobenzene-d5	37	(37 - 104)
Phenol-d5	35	(30 - 102)
Terphenyl-d14	57	(25 - 130)

ARCOM, Inc

Client Sample ID: MW-6

TOTAL Metals

Lot-Sample #...: C8L100288-009 Matrix.....: WG
Date Sampled...: 12/09/08 Date Received..: 12/10/08

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8346399						
Silver	ND	5.0	ug/L	SW846 6010B	12/11-12/27/08	K4FPJ1AC
		Dilution Factor: 1		Analysis Time..: 13:41	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 0.54	
Aluminum	6630	200	ug/L	SW846 6010B	12/11-12/27/08	K4FPJ1AD
		Dilution Factor: 1		Analysis Time..: 13:41	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 16.2	
Arsenic	4.2 B J	10.0	ug/L	SW846 6010B	12/11-12/27/08	K4FPJ1AE
		Dilution Factor: 1		Analysis Time..: 13:41	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 2.0	
Barium	~~108 B~~ 200 U	200	ug/L	SW846 6010B	12/11-12/27/08	K4FPJ1AF
		Dilution Factor: 1		Analysis Time..: 13:41	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 0.26	
Beryllium	ND	4.0	ug/L	SW846 6010B	12/11-12/27/08	K4FPJ1AG
		Dilution Factor: 1		Analysis Time..: 13:41	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 0.18	
Calcium	45900 J	5000	ug/L	SW846 6010B	12/11-12/27/08	K4FPJ1AH
		Dilution Factor: 1		Analysis Time..: 13:41	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 17.7	
Cadmium	0.43 B J	5.0	ug/L	SW846 6010B	12/11-12/27/08	K4FPJ1AJ
		Dilution Factor: 1		Analysis Time..: 13:41	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 0.21	
Cobalt	~~2.1 B~~ 50.0 U	50.0	ug/L	SW846 6010B	12/11-12/27/08	K4FPJ1AK
		Dilution Factor: 1		Analysis Time..: 13:41	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 0.45	
Chromium	10.2	5.0	ug/L	SW846 6010B	12/11-12/27/08	K4FPJ1AL
		Dilution Factor: 1		Analysis Time..: 13:41	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 1.1	

(Continued on next page)

AECOM, Inc

Client Sample ID: MW-6

TOTAL Metals

Lot-Sample #...: C8L100288-009 Matrix.....: WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Copper	116	25.0	ug/L	SW846 6010B	12/11-12/27/08	K4FPJ1AM
		Dilution Factor: 1		Analysis Time..: 13:41	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 4.6	
Iron	5790	100	ug/L	SW846 6010B	12/11-12/27/08	K4FPJ1AN
		Dilution Factor: 1		Analysis Time..: 13:41	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 8.4	
Potassium	2060 B J	5000	ug/L	SW846 6010B	12/11-12/27/08	K4FPJ1AP
		Dilution Factor: 1		Analysis Time..: 13:41	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 750	
Magnesium	17300	5000	ug/L	SW846 6010B	12/11-12/27/08	K4FPJ1AQ
		Dilution Factor: 1		Analysis Time..: 13:41	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 21.8	
Manganese	1700	15.0	ug/L	SW846 6010B	12/11-12/27/08	K4FPJ1AR
		Dilution Factor: 1		Analysis Time..: 13:41	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 0.57	
Sodium	26000	5000	ug/L	SW846 6010B	12/11-12/27/08	K4FPJ1AT
		Dilution Factor: 1		Analysis Time..: 13:41	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 145	
Nickel	~~12.8 B~~ 40.0 U	40.0	ug/L	SW846 6010B	12/11-12/27/08	K4FPJ1AU
		Dilution Factor: 1		Analysis Time..: 13:41	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 0.78	
Lead	31.7	3.0	ug/L	SW846 6010B	12/11-12/27/08	K4FPJ1AV
		Dilution Factor: 1		Analysis Time..: 13:41	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 1.7	
Selenium	ND	5.0	ug/L	SW846 6010B	12/11-12/27/08	K4FPJ1AW
		Dilution Factor: 1		Analysis Time..: 13:41	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 2.9	
Thallium	ND	10.0	ug/L	SW846 6010B	12/11-12/27/08	K4FPJ1AX
		Dilution Factor: 1		Analysis Time..: 13:41	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 2.8	

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AECOM, Inc

Client Sample ID: MW-6

TOTAL Metals

Lot-Sample #...: C8L100288-009 Matrix.....: WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	2.5 B J	10.0	ug/L	SW846 6010B	12/11-12/27/08	K4FPJ1A0
		Dilution Factor: 1		Analysis Time..: 13:41	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 1.8	
Vanadium	8.4 B J	50.0	ug/L	SW846 6010B	12/11-12/27/08	K4FPJ1A1
		Dilution Factor: 1		Analysis Time..: 13:41	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 2.4	
Zinc	258 J	20.0	ug/L	SW846 6010B	12/11-12/27/08	K4FPJ1A2
		Dilution Factor: 1		Analysis Time..: 13:41	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 3.1	
Prep Batch #...: 8357029						
Mercury	0.021 B J	0.20	ug/L	SW846 7470A	12/22/08	K4FPJ1A3
		Dilution Factor: 1		Analysis Time..: 09:29	Analyst ID.....: 031043	
		Instrument ID..: HGHYDRA		MS Run #.....: 8357022	MDL.....: 0.016	

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.

AECOM, Inc

Client Sample ID: MW-7

GC/MS Volatiles

Lot-Sample #...: C8L110371-005	Work Order #...: K4J3A1AA	Matrix.....:	WG
Date Sampled...: 12/10/08	Date Received..: 12/11/08	MS Run #.....:	8355042
Prep Date.....: 12/20/08	Analysis Date..: 12/20/08		
Prep Batch #...: 8355067	Analysis Time..: 18:41		
Dilution Factor: 1	Initial Wgt/Vol: 5 mL	Final Wgt/Vol..:	5 mL
Analyst ID.....: 403794	Instrument ID..: HP5		
	Method.....: SW846 8260B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	5.0	ug/L	2.5
Benzene	ND	1.0	ug/L	0.27
Bromodichloromethane	ND	1.0	ug/L	0.20
Bromoform	ND	1.0	ug/L	0.25
Bromomethane	ND	1.0	ug/L	0.30
2-Butanone	ND	5.0	ug/L	0.50
Carbon disulfide	ND	1.0	ug/L	0.20
Carbon tetrachloride	ND	1.0	ug/L	0.30
Chlorobenzene	ND	1.0	ug/L	0.23
Chloroethane	ND	1.0	ug/L	0.25
Chloroform	ND	1.0	ug/L	0.24
Chloromethane	ND	1.0	ug/L	0.27
Cyclohexane	ND	1.0	ug/L	0.30
Dibromochloromethane	ND	1.0	ug/L	0.16
1,2-Dibromo-3-chloro-propane	ND	1.0	ug/L	0.24
1,2-Dibromoethane	ND	1.0	ug/L	0.23
1,3-Dichlorobenzene	ND	1.0	ug/L	0.16
1,4-Dichlorobenzene	ND	1.0	ug/L	0.18
1,2-Dichlorobenzene	ND	1.0	ug/L	0.22
Dichlorodifluoromethane	ND 1.0 UJ	1.0	ug/L	0.26
1,1-Dichloroethane	ND	1.0	ug/L	0.24
1,2-Dichloroethane	ND	1.0	ug/L	0.21
1,1-Dichloroethene	ND	1.0	ug/L	0.28
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.27
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.27
1,2-Dichloropropane	ND	1.0	ug/L	0.18
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.19
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.18
Ethylbenzene	ND	1.0	ug/L	0.18
2-Hexanone	ND	5.0	ug/L	0.53
Isopropylbenzene	ND	1.0	ug/L	0.22
Methyl acetate	ND	1.0	ug/L	0.10
Methylene chloride	ND	1.0	ug/L	0.32
Methylcyclohexane	ND	1.0	ug/L	0.32
4-Methyl-2-pentanone	ND	5.0	ug/L	0.23
Methyl tert-butyl ether	ND	1.0	ug/L	0.20

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AECOM, Inc

Client Sample ID: MW-7

GC/MS Volatiles

Lot-Sample #...: C8L110371-005 **Work Order #...:** K4J3A1AA **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Styrene	ND	1.0	ug/L	0.22
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.15
1,2,4-Trichloro-benzene	ND	1.0	ug/L	0.15
Tetrachloroethene	ND	1.0	ug/L	0.24
1,1,1-Trichloroethane	ND	1.0	ug/L	0.25
1,1,2-Trichloroethane	ND	1.0	ug/L	0.20
Trichloroethene	ND	1.0	ug/L	0.29
Trichlorofluoromethane	ND	1.0	ug/L	0.080
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L	0.30
Toluene	ND	1.0	ug/L	0.23
Vinyl chloride	ND	1.0	ug/L	0.29
Xylenes (total)	ND	3.0	ug/L	0.62

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	102	(71 - 118)
1,2-Dichloroethane-d4	100	(64 - 135)
4-Bromofluorobenzene	102	(70 - 118)
Dibromofluoromethane	106	(70 - 128)

AECOM, Inc

Client Sample ID: MW-7

GC/MS Semivolatiles

Lot-Sample #...: C8L110371-005	Work Order #...: K4J3A1AC	Matrix.....:	WG
Date Sampled...: 12/10/08 11:45	Date Received..: 12/11/08 09:50	MS Run #.....:	
Prep Date.....: 12/17/08	Analysis Date..: 12/24/08		
Prep Batch #...: 8352356	Analysis Time..: 06:06		
Dilution Factor: 0.95	Initial Wgt/Vol: 1050 mL	Final Wgt/Vol..:	10 mL
Analyst ID.....: 007062	Instrument ID..: 722		
	Method.....: SW846 8270C		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	1.9	ug/L	0.14
Acenaphthylene	ND	1.9	ug/L	0.080
Acetophenone	ND	9.5	ug/L	0.21
Anthracene	ND	1.9	ug/L	0.99
Atrazine	ND	9.5	ug/L	0.19
Benzo(a)anthracene	ND	1.9	ug/L	0.17
Benzo(a)pyrene	ND	1.9	ug/L	0.11
Benzo(b)fluoranthene	ND	1.9	ug/L	0.15
Benzo(ghi)perylene	ND	1.9	ug/L	0.14
Benzo(k)fluoranthene	ND	1.9	ug/L	0.16
Benzaldehyde	ND 9.5 UJ	9.5	ug/L	0.48
1,1'-Biphenyl	ND	9.5	ug/L	0.15
bis(2-Chloroethoxy) methane	ND	9.5	ug/L	0.13
bis(2-Chloroethyl)-ether	ND	1.9	ug/L	0.25
bis(2-Ethylhexyl) phthalate	ND 9.5 UJ	9.5	ug/L	0.44
4-Bromophenyl phenyl ether	ND	9.5	ug/L	0.18
Butyl benzyl phthalate	ND	9.5	ug/L	2.9
Caprolactam	ND	48	ug/L	6.9
Carbazole	ND	1.9	ug/L	0.13
4-Chloroaniline	ND 9.5 UJ	9.5	ug/L	1.0
4-Chloro-3-methylphenol	ND	9.5	ug/L	0.24
2-Chloronaphthalene	ND	1.9	ug/L	0.14
2-Chlorophenol	ND	9.5	ug/L	0.20
4-Chlorophenyl phenyl ether	ND	9.5	ug/L	0.099
Chrysene	ND	1.9	ug/L	0.10
Dibenz(a,h)anthracene	ND	1.9	ug/L	0.12
Dibenzofuran	ND	9.5	ug/L	0.18
3,3'-Dichlorobenzidine	ND 9.5 UJ	9.5	ug/L	0.34
2,4-Dichlorophenol	ND	1.9	ug/L	0.13
Diethyl phthalate	ND	9.5	ug/L	0.43
2,4-Dimethylphenol	ND	9.5	ug/L	0.076
Dimethyl phthalate	ND	9.5	ug/L	0.13

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AECOM, Inc

Client Sample ID: MW-7

GC/MS Semivolatiles

Lot-Sample #...: C8L110371-005 Work Order #...: K4J3A1AC Matrix.....: WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-butyl phthalate	ND	9.5	ug/L	0.28
4,6-Dinitro-2-methylphenol	ND 48 U J	48	ug/L	7.4
2,4-Dinitrophenol	ND 48 U J	48	ug/L	5.8
2,4-Dinitrotoluene	ND	9.5	ug/L	0.16
2,6-Dinitrotoluene	ND	9.5	ug/L	0.18
Di-n-octyl phthalate	ND	9.5	ug/L	0.15
Fluoranthene	ND	1.9	ug/L	0.095
Fluorene	ND	1.9	ug/L	0.094
Hexachlorobenzene	ND	1.9	ug/L	0.17
Hexachlorobutadiene	ND	1.9	ug/L	0.12
Hexachlorocyclopentadiene	ND 9.5 U J	9.5	ug/L	0.11
Hexachloroethane	ND	9.5	ug/L	0.073
Indeno(1,2,3-cd)pyrene	ND	1.9	ug/L	0.15
Isophorone	ND	9.5	ug/L	0.27
2-Methylnaphthalene	ND	1.9	ug/L	0.15
2-Methylphenol	ND	9.5	ug/L	0.13
4-Methylphenol	ND	9.5	ug/L	0.17
Naphthalene	**1.3 J**	**1.9**	**ug/L**	**0.26**
2-Nitroaniline	ND	48	ug/L	0.16
3-Nitroaniline	ND 48 U J	48	ug/L	0.25
4-Nitroaniline	ND 48 U J	48	ug/L	0.22
Nitrobenzene	ND	1.9	ug/L	0.17
2-Nitrophenol	ND	9.5	ug/L	0.13
4-Nitrophenol	ND	48	ug/L	3.7
N-Nitrosodi-n-propylamine	ND	1.9	ug/L	0.37
N-Nitrosodiphenylamine	ND	1.9	ug/L	0.13
2,2'-oxybis (1-Chloropropane)	ND	1.9	ug/L	0.33
Pentachlorophenol	ND	9.5	ug/L	1.8
Phenanthrene	ND	1.9	ug/L	0.27
Phenol	ND	1.9	ug/L	0.22
Pyrene	ND	1.9	ug/L	0.11
2,4,5-Trichlorophenol	ND	9.5	ug/L	0.14
2,4,6-Trichlorophenol	ND	9.5	ug/L	0.086

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AECOM, Inc

Client Sample ID: MW-7

GC/MS Semivolatiles

Lot-Sample #...: C8L110371-005 Work Order #...: K4J3A1AC Matrix.....: WG

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	81	(33 - 122)
2-Fluorobiphenyl	64	(35 - 108)
2-Fluorophenol	51	(26 - 100)
Nitrobenzene-d5	54	(37 - 104)
Phenol-d5	52	(30 - 102)
Terphenyl-d14	68	(25 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

AECOM, Inc

Client Sample ID: MW-7

TOTAL Metals

Lot-Sample #...: C8L110371-005 Matrix.....: WG
Date Sampled...: 12/10/08 Date Received..: 12/11/08

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8351421						
Silver	0.97 B J	5.0	ug/L	SW846 6010B	12/16-12/28/08	K4J3A1AD
		Dilution Factor: 1		Analysis Time..: 19:34	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 0.54	
Aluminum	~~65.8 B,J~~ 200 U	200	ug/L	SW846 6010B	12/16-12/28/08	K4J3A1AE
		Dilution Factor: 1		Analysis Time..: 19:34	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 16.2	
Arsenic	2.8 B J	10.0	ug/L	SW846 6010B	12/16-12/28/08	K4J3A1AF
		Dilution Factor: 1		Analysis Time..: 19:34	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 2.0	
Barium	304 J	200	ug/L	SW846 6010B	12/16-12/28/08	K4J3A1AG
		Dilution Factor: 1		Analysis Time..: 19:34	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 0.26	
Beryllium	~~0.34 B,J~~ 4.0 U	4.0	ug/L	SW846 6010B	12/16-12/28/08	K4J3A1AH
		Dilution Factor: 1		Analysis Time..: 19:34	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 0.18	
Calcium	216000 J	5000	ug/L	SW846 6010B	12/16-12/28/08	K4J3A1AJ
		Dilution Factor: 1		Analysis Time..: 19:34	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 17.7	
Cadmium	0.31 B J	5.0	ug/L	SW846 6010B	12/16-12/28/08	K4J3A1AK
		Dilution Factor: 1		Analysis Time..: 19:34	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 0.21	
Cobalt	ND	50.0	ug/L	SW846 6010B	12/16-12/28/08	K4J3A1AL
		Dilution Factor: 1		Analysis Time..: 19:34	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 0.45	
Chromium	1.1 B J	5.0	ug/L	SW846 6010B	12/16-12/28/08	K4J3A1AM
		Dilution Factor: 1		Analysis Time..: 19:34	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 1.1	

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AECOM, Inc

Client Sample ID: MW-7

TOTAL Metals

Lot-Sample #...: C8L110371-005 Matrix.....: WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Copper	ND	25.0	ug/L	SW846 6010B	12/16-12/28/08	K4J3A1AN
		Dilution Factor: 1		Analysis Time..: 19:34	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 4.6	
Iron	17600	100	ug/L	SW846 6010B	12/16-12/28/08	K4J3A1AP
		Dilution Factor: 1		Analysis Time..: 19:34	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 8.4	
Potassium	20500	5000	ug/L	SW846 6010B	12/16-12/28/08	K4J3A1AQ
		Dilution Factor: 1		Analysis Time..: 19:34	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 750	
Magnesium	34500	5000	ug/L	SW846 6010B	12/16-12/28/08	K4J3A1AR
		Dilution Factor: 1		Analysis Time..: 19:34	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 21.8	
Manganese	3960	15.0	ug/L	SW846 6010B	12/16-12/28/08	K4J3A1AT
		Dilution Factor: 1		Analysis Time..: 19:34	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 0.57	
Sodium	531000	10000	ug/L	SW846 6010B	12/16-12/30/08	K4J3A1AU
		Dilution Factor: 2		Analysis Time..: 11:12	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 290	
Nickel	1.4 B J	40.0	ug/L	SW846 6010B	12/16-12/28/08	K4J3A1AV
		Dilution Factor: 1		Analysis Time..: 19:34	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 0.78	
Lead	ND	3.0	ug/L	SW846 6010B	12/16-12/28/08	K4J3A1AW
		Dilution Factor: 1		Analysis Time..: 19:34	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 1.7	
Selenium	ND	5.0	ug/L	SW846 6010B	12/16-12/28/08	K4J3A1AX
		Dilution Factor: 1		Analysis Time..: 19:34	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 2.9	
Thallium	ND	10.0	ug/L	SW846 6010B	12/16-12/28/08	K4J3A1A0
		Dilution Factor: 1		Analysis Time..: 19:34	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 2.8	

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AECOM, Inc

Client Sample ID: MW-7

TOTAL Metals

Lot-Sample #...: C8L110371-005 Matrix.....: WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	ND	10.0	ug/L	SW846 6010B	12/16-12/28/08	K4J3A1A1
		Dilution Factor: 1		Analysis Time..: 19:34	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 1.8	
Vanadium	ND	50.0	ug/L	SW846 6010B	12/16-12/28/08	K4J3A1A2
		Dilution Factor: 1		Analysis Time..: 19:34	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 2.4	
Zinc	~~6.0 B,J~~ 20.0	**20.0**	**ug/L**	**SW846 6010B**	**12/16-12/28/08**	**K4J3A1A3**
		Dilution Factor: 1		Analysis Time..: 19:34	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 3.1	
Prep Batch #...: 8357147						
Mercury	ND	0.20	ug/L	SW846 7470A	12/22/08	K4J3A1A4
		Dilution Factor: 1		Analysis Time..: 13:08	Analyst ID.....: 403938	
		Instrument ID..: HGHYDRA		MS Run #.....: 8357101	MDL.....: 0.016	

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.

ARCOM, Inc

Client Sample ID: MW-7D

GC/MS Volatiles

Lot-Sample #...:	C8L110371-004	**Work Order #...:**	K4J291AA	**Matrix.....:**	WG
Date Sampled...:	12/10/08	**Date Received..:**	12/11/08	**MS Run #.....:**	8356031
Prep Date.....:	12/21/08	**Analysis Date..:**	12/21/08		
Prep Batch #...:	8356039	**Analysis Time..:**	16:52		
Dilution Factor:	100	**Initial Wgt/Vol:**	5 mL	**Final Wgt/Vol..:**	5 mL
Analyst ID.....:	001562	**Instrument ID..:**	HP5		
		Method.....:	SW846 8260B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	500	ug/L	250
Benzene	**2500**	**100**	**ug/L**	**27**
Bromodichloromethane	ND	100	ug/L	20
Bromoform	ND	100	ug/L	25
Bromomethane	ND	100	ug/L	30
2-Butanone	ND	500	ug/L	50
Carbon disulfide	ND	100	ug/L	20
Carbon tetrachloride	ND	100	ug/L	30
Chlorobenzene	ND	100	ug/L	23
Chloroethane	ND	100	ug/L	25
Chloroform	ND	100	ug/L	24
Chloromethane	ND	100	ug/L	27
Cyclohexane	ND	100	ug/L	30
Dibromochloromethane	ND	100	ug/L	16
1,2-Dibromo-3-chloro-propane	ND	100	ug/L	24
1,2-Dibromoethane	ND	100	ug/L	23
1,3-Dichlorobenzene	ND	100	ug/L	16
1,4-Dichlorobenzene	ND	100	ug/L	18
1,2-Dichlorobenzene	ND	100	ug/L	22
Dichlorodifluoromethane	ND	100	ug/L	26
1,1-Dichloroethane	ND	100	ug/L	24
1,2-Dichloroethane	ND	100	ug/L	21
1,1-Dichloroethene	ND	100	ug/L	28
cis-1,2-Dichloroethene	ND	100	ug/L	27
trans-1,2-Dichloroethene	ND	100	ug/L	27
1,2-Dichloropropane	ND	100	ug/L	18
cis-1,3-Dichloropropene	ND	100	ug/L	19
trans-1,3-Dichloropropene	ND	100	ug/L	18
Ethylbenzene	**1300**	**100**	**ug/L**	**18**
2-Hexanone	ND	500	ug/L	53
Isopropylbenzene	**83 J**	**100**	**ug/L**	**22**
Methyl acetate	ND	100	ug/L	10
Methylene chloride	ND	100	ug/L	32
Methylcyclohexane	ND	100	ug/L	32
4-Methyl-2-pentanone	ND	500	ug/L	23
Methyl tert-butyl ether	ND	100	ug/L	20

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AECOM, Inc

Client Sample ID: MW-7D

GC/MS Volatiles

Lot-Sample #...: C8L110371-004 Work Order #...: K4J291AA Matrix.....: WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Styrene	**310**	**100**	**ug/L**	**22**
1,1,2,2-Tetrachloroethane	ND	100	ug/L	15
1,2,4-Trichloro-benzene	ND	100	ug/L	15
Tetrachloroethene	ND	100	ug/L	24
1,1,1-Trichloroethane	ND	100	ug/L	25
1,1,2-Trichloroethane	ND	100	ug/L	20
Trichloroethene	ND	100	ug/L	29
Trichlorofluoromethane	ND	100	ug/L	8.0
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	100	ug/L	30
Toluene	**1400**	**100**	**ug/L**	**23**
Vinyl chloride	ND	100	ug/L	29
Xylenes (total)	**2300**	**300**	**ug/L**	**62**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	98	(71 - 118)
1,2-Dichloroethane-d4	93	(64 - 135)
4-Bromofluorobenzene	100	(70 - 118)
Dibromofluoromethane	101	(70 - 128)

NOTE(S):

J Estimated result. Result is less than RL.

AECOM, Inc

Client Sample ID: MW-7D

GC/MS Semivolatiles

Lot-Sample #...: C8L110371-004 Work Order #...: K4J291AC Matrix.....: WG
Date Sampled...: 12/10/08 11:00 Date Received..: 12/11/08 09:50 MS Run #.....:
Prep Date.....: 12/17/08 Analysis Date..: 12/24/08
Prep Batch #...: 8352356 Analysis Time..: 05:43
Dilution Factor: 9.5 Initial Wgt/Vol: 1050 mL Final Wgt/Vol..: 10 mL
Analyst ID.....: 007062 Instrument ID..: 722
Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	**34**	**19**	**ug/L**	**1.4**
Acenaphthylene	**54**	**19**	**ug/L**	**0.80**
Acetophenone	ND	95	ug/L	2.1
Anthracene	ND	19	ug/L	9.9
Atrazine	ND	95	ug/L	1.9
Benzo(a)anthracene	ND	19	ug/L	1.7
Benzo(a)pyrene	ND	19	ug/L	1.1
Benzo(b)fluoranthene	ND	19	ug/L	1.5
Benzo(ghi)perylene	ND	19	ug/L	1.4
Benzo(k)fluoranthene	ND	19	ug/L	1.6
Benzaldehyde	ND 95 UJ	95	ug/L	4.8
1,1'-Biphenyl	**16 J**	**95**	**ug/L**	**1.5**
bis(2-Chloroethoxy) methane	ND	95	ug/L	1.3
bis(2-Chloroethyl)-ether	ND	19	ug/L	2.5
bis(2-Ethylhexyl) phthalate	ND 95 UJ	95	ug/L	4.4
4-Bromophenyl phenyl ether	ND	95	ug/L	1.8
Butyl benzyl phthalate	ND	95	ug/L	29
Caprolactam	ND	480	ug/L	69
Carbazole	ND	19	ug/L	1.3
4-Chloroaniline	ND 95 UJ	95	ug/L	10
4-Chloro-3-methylphenol	ND	95	ug/L	2.4
2-Chloronaphthalene	ND	19	ug/L	1.4
2-Chlorophenol	ND	95	ug/L	2.0
4-Chlorophenyl phenyl ether	ND	95	ug/L	0.99
Chrysene	ND	19	ug/L	1.0
Dibenz(a,h)anthracene	ND	19	ug/L	1.2
Dibenzofuran	ND	95	ug/L	1.8
3,3'-Dichlorobenzidine	ND 95 UJ	95	ug/L	3.4
2,4-Dichlorophenol	ND	19	ug/L	1.3
Diethyl phthalate	**25 J**	**95**	**ug/L**	**4.3**
2,4-Dimethylphenol	ND	95	ug/L	0.76
Dimethyl phthalate	ND	95	ug/L	1.3

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AECOM, Inc

Client Sample ID: MW-7D

GC/MS Semivolatiles

Lot-Sample #...: C8L110371-004 Work Order #...: K4J291AC Matrix.....: WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-butyl phthalate	ND	95	ug/L	2.8
4,6-Dinitro-2-methylphenol	ND 480 UJ	480	ug/L	74
2,4-Dinitrophenol	ND 480 UJ	480	ug/L	58
2,4-Dinitrotoluene	ND	95	ug/L	1.6
2,6-Dinitrotoluene	ND	95	ug/L	1.8
Di-n-octyl phthalate	ND	95	ug/L	1.5
Fluoranthene	ND	19	ug/L	0.95
Fluorene	**16 J**	**19**	**ug/L**	**0.94**
Hexachlorobenzene	ND	19	ug/L	1.7
Hexachlorobutadiene	ND	19	ug/L	1.2
Hexachlorocyclopentadiene	ND 95 UJ	95	ug/L	1.1
Hexachloroethane	ND	95	ug/L	0.73
Indeno(1,2,3-cd)pyrene	ND	19	ug/L	1.5
Isophorone	ND	95	ug/L	2.7
2-Methylnaphthalene	**260**	**19**	**ug/L**	**1.5**
2-Methylphenol	ND	95	ug/L	1.3
4-Methylphenol	ND	95	ug/L	1.7
Naphthalene	**2500**	**19**	**ug/L**	**2.6**
2-Nitroaniline	ND	480	ug/L	1.6
3-Nitroaniline	ND 480 UJ	480	ug/L	2.5
4-Nitroaniline	ND 480 UJ	480	ug/L	2.2
Nitrobenzene	ND	19	ug/L	1.7
2-Nitrophenol	ND	95	ug/L	1.3
4-Nitrophenol	ND	480	ug/L	37
N-Nitrosodi-n-propylamine	ND	19	ug/L	3.7
N-Nitrosodiphenylamine	ND	19	ug/L	1.3
2,2'-oxybis(1-Chloropropane)	ND	19	ug/L	3.3
Pentachlorophenol	ND	95	ug/L	18
Phenanthrene	**14 J**	**19**	**ug/L**	**2.7**
Phenol	ND	19	ug/L	2.2
Pyrene	ND	19	ug/L	1.1
2,4,5-Trichlorophenol	ND	95	ug/L	1.4
2,4,6-Trichlorophenol	ND	95	ug/L	0.86

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AECOM, Inc

Client Sample ID: MW-7D

GC/MS Semivolatiles

Lot-Sample #...: C8L110371-004 Work Order #...: K4J291AC Matrix.....: WG

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	84	(33 - 122)
2-Fluorobiphenyl	71	(35 - 108)
2-Fluorophenol	39	(26 - 100)
Nitrobenzene-d5	48	(37 - 104)
Phenol-d5	46	(30 - 102)
Terphenyl-d14	79	(25 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

AECOM, Inc

Client Sample ID: MW-7D

TOTAL Metals

Lot-Sample #...: C8L110371-004 Matrix.....: WG
Date Sampled...: 12/10/08 Date Received..: 12/11/08

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8351421						
Silver	0.96 B	5.0	ug/L	SW846 6010B	12/16-12/28/08	K4J291AD
		Dilution Factor: 1		Analysis Time..: 19:29	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 0.54	
Aluminum	540 J	200	ug/L	SW846 6010B	12/16-12/28/08	K4J291AE
		Dilution Factor: 1		Analysis Time..: 19:29	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 16.2	
Arsenic	3.1 B J	10.0	ug/L	SW846 6010B	12/16-12/28/08	K4J291AF
		Dilution Factor: 1		Analysis Time..: 19:29	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 2.0	
Barium	~~180 B,J~~	200	ug/L	SW846 6010B	12/16-12/28/08	K4J291AG
		Dilution Factor: 1		Analysis Time..: 19:29	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 0.26	
Beryllium	~~0.51 B,J~~	4.0	ug/L	SW846 6010B	12/16-12/28/08	K4J291AH
		Dilution Factor: 1		Analysis Time..: 19:29	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 0.18	
Calcium	183000 J	5000	ug/L	SW846 6010B	12/16-12/28/08	K4J291AJ
		Dilution Factor: 1		Analysis Time..: 19:29	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 17.7	
Cadmium	ND	5.0	ug/L	SW846 6010B	12/16-12/28/08	K4J291AK
		Dilution Factor: 1		Analysis Time..: 19:29	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 0.21	
Cobalt	3.7 B J	50.0	ug/L	SW846 6010B	12/16-12/28/08	K4J291AL
		Dilution Factor: 1		Analysis Time..: 19:29	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 0.45	
Chromium	3.2 B J	5.0	ug/L	SW846 6010B	12/16-12/28/08	K4J291AM
		Dilution Factor: 1		Analysis Time..: 19:29	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 1.1	

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AECOM, Inc

Client Sample ID: MW-7D

TOTAL Metals

Lot-Sample #...: C8L110371-004 Matrix.....: WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Copper	ND	25.0	ug/L	SW846 6010B	12/16-12/28/08	K4J291AN
	Dilution Factor: 1			Analysis Time..: 19:29	Analyst ID.....: 022952	
	Instrument ID..: TRACEICP			MS Run #.....: 8351251	MDL.....: 4.6	
Iron	5110	100	ug/L	SW846 6010B	12/16-12/28/08	K4J291AP
	Dilution Factor: 1			Analysis Time..: 19:29	Analyst ID.....: 022952	
	Instrument ID..: TRACEICP			MS Run #.....: 8351251	MDL.....: 8.4	
Potassium	11700	5000	ug/L	SW846 6010B	12/16-12/28/08	K4J291AQ
	Dilution Factor: 1			Analysis Time..: 19:29	Analyst ID.....: 022952	
	Instrument ID..: TRACEICP			MS Run #.....: 8351251	MDL.....: 750	
Magnesium	44400	5000	ug/L	SW846 6010B	12/16-12/28/08	K4J291AR
	Dilution Factor: 1			Analysis Time..: 19:29	Analyst ID.....: 022952	
	Instrument ID..: TRACEICP			MS Run #.....: 8351251	MDL.....: 21.8	
Manganese	4260	15.0	ug/L	SW846 6010B	12/16-12/28/08	K4J291AT
	Dilution Factor: 1			Analysis Time..: 19:29	Analyst ID.....: 022952	
	Instrument ID..: TRACEICP			MS Run #.....: 8351251	MDL.....: 0.57	
Sodium	164000	5000	ug/L	SW846 6010B	12/16-12/28/08	K4J291AU
	Dilution Factor: 1			Analysis Time..: 19:29	Analyst ID.....: 022952	
	Instrument ID..: TRACEICP			MS Run #.....: 8351251	MDL.....: 145	
Nickel	5.9 B J	40.0	ug/L	SW846 6010B	12/16-12/28/08	K4J291AV
	Dilution Factor: 1			Analysis Time..: 19:29	Analyst ID.....: 022952	
	Instrument ID..: TRACEICP			MS Run #.....: 8351251	MDL.....: 0.78	
Lead	ND	3.0	ug/L	SW846 6010B	12/16-12/28/08	K4J291AW
	Dilution Factor: 1			Analysis Time..: 19:29	Analyst ID.....: 022952	
	Instrument ID..: TRACEICP			MS Run #.....: 8351251	MDL.....: 1.7	
Selenium	ND	5.0	ug/L	SW846 6010B	12/16-12/28/08	K4J291AX
	Dilution Factor: 1			Analysis Time..: 19:29	Analyst ID.....: 022952	
	Instrument ID..: TRACEICP			MS Run #.....: 8351251	MDL.....: 2.9	
Thallium	ND	10.0	ug/L	SW846 6010B	12/16-12/28/08	K4J291A0
	Dilution Factor: 1			Analysis Time..: 19:29	Analyst ID.....: 022952	
	Instrument ID..: TRACEICP			MS Run #.....: 8351251	MDL.....: 2.8	

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AECOM, Inc

Client Sample ID: MW-7D

TOTAL Metals

Lot-Sample #...: C8L110371-004 Matrix.....: WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	ND	10.0	ug/L	SW846 6010B	12/16-12/28/08	K4J291A1
		Dilution Factor: 1		Analysis Time..: 19:29	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 1.8	
Vanadium	9.6 B J	50.0	ug/L	SW846 6010B	12/16-12/28/08	K4J291A2
		Dilution Factor: 1		Analysis Time..: 19:29	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 2.4	
Zinc	~~8.4 B,J~~ J, CU	20.0	ug/L	SW846 6010B	12/16-12/28/08	K4J291A3
		Dilution Factor: 1		Analysis Time..: 19:29	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 3.1	
Prep Batch #...: 8357147						
Mercury	ND	0.20	ug/L	SW846 7470A	12/22/08	K4J291A4
		Dilution Factor: 1		Analysis Time..: 13:03	Analyst ID.....: 403938	
		Instrument ID..: HGHYDRA		MS Run #.....: 8357101	MDL.....: 0.016	

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.

AECOM, Inc

Client Sample ID: MW-8

GC/MS Volatiles

Lot-Sample #...: C8L120342-005	Work Order #...: K4MVX1AH	Matrix.....: WG	
Date Sampled...: 12/11/08	Date Received..: 12/12/08	MS Run #.....: 8358148	
Prep Date.....: 12/23/08	Analysis Date..: 12/23/08		
Prep Batch #...: 8358276	Analysis Time..: 13:15		
Dilution Factor: 250	Initial Wgt/Vol: 5 mL	Final Wgt/Vol..: 5 mL	
Analyst ID.....: 001562	Instrument ID..: HP5		
	Method.....: SW846 8260B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	1200	ug/L	620
Benzene	**40000 E**	**250**	**ug/L**	**68**
Bromodichloromethane	ND	250	ug/L	50
Bromoform	ND	250	ug/L	61
Bromomethane	ND	250	ug/L	76
2-Butanone	ND	1200	ug/L	120
Carbon disulfide	ND	250	ug/L	49
Carbon tetrachloride	ND	250	ug/L	76
Chlorobenzene	ND	250	ug/L	56
Chloroethane	ND	250	ug/L	62
Chloroform	ND	250	ug/L	60
Chloromethane	ND	250	ug/L	67
Cyclohexane	ND	250	ug/L	74
Dibromochloromethane	ND	250	ug/L	41
1,2-Dibromo-3-chloro-propane	ND	250	ug/L	60
1,2-Dibromoethane	ND	250	ug/L	57
1,3-Dichlorobenzene	ND	250	ug/L	41
1,4-Dichlorobenzene	ND	250	ug/L	44
1,2-Dichlorobenzene	ND	250	ug/L	54
Dichlorodifluoromethane	ND	250	ug/L	65
1,1-Dichloroethane	ND	250	ug/L	61
1,2-Dichloroethane	ND	250	ug/L	54
1,1-Dichloroethene	ND	250	ug/L	70
cis-1,2-Dichloroethene	ND	250	ug/L	68
trans-1,2-Dichloroethene	ND	250	ug/L	68
1,2-Dichloropropane	ND	250	ug/L	45
cis-1,3-Dichloropropene	ND	250	ug/L	49
trans-1,3-Dichloropropene	ND	250	ug/L	46
Ethylbenzene	**220 J**	**250**	**ug/L**	**45**
2-Hexanone	ND	1200	ug/L	130
Isopropylbenzene	ND	250	ug/L	56
Methyl acetate	ND	250	ug/L	26
Methylene chloride	ND	250	ug/L	79
Methylcyclohexane	ND	250	ug/L	79
4-Methyl-2-pentanone	ND	1200	ug/L	56
Methyl tert-butyl ether	ND	250	ug/L	50

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AECOM, Inc

Client Sample ID: MW-8

GC/MS Volatiles

Lot-Sample #...: C8L120342-005 Work Order #...: K4MVX1AH Matrix.....: WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Styrene	850	250	ug/L	54
1,1,2,2-Tetrachloroethane	ND	250	ug/L	38
1,2,4-Trichloro-benzene	ND	250	ug/L	38
Tetrachloroethene	ND	250	ug/L	59
1,1,1-Trichloroethane	ND	250	ug/L	63
1,1,2-Trichloroethane	ND	250	ug/L	49
Trichloroethene	ND	250	ug/L	73
Trichlorofluoromethane	ND	250	ug/L	20
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	250	ug/L	75
Toluene	**9700**	**250**	**ug/L**	**58**
Vinyl chloride	ND	250	ug/L	73
Xylenes (total)	**2900**	**750**	**ug/L**	**150**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	100	(71 - 118)
1,2-Dichloroethane-d4	90	(64 - 135)
4-Bromofluorobenzene	98	(70 - 118)
Dibromofluoromethane	97	(70 - 128)

NOTE(S):

E Estimated result. Result concentration exceeds the calibration range.

J Estimated result. Result is less than RL.

AECOM, Inc

Client Sample ID: MW-8

GC/MS Volatiles

Lot-Sample #...:	C8L120342-005	Work Order #...:	K4MVX2AH	Matrix.....:	WG
Date Sampled...:	12/11/08	Date Received..:	12/12/08	MS Run #.....:	8358359
Prep Date.....:	12/23/08	Analysis Date..:	12/24/08		
Prep Batch #...:	8358632	Analysis Time..:	00:07		
Dilution Factor:	2500	Initial Wgt/Vol:	5 mL	Final Wgt/Vol..:	5 mL
Analyst ID.....:	403794	Instrument ID..:	HP5		
		Method.....:	SW846 8260B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	12000	ug/L	6200
Benzene	**39000**	**2500**	**ug/L**	**680**
Bromodichloromethane	ND	2500	ug/L	500
Bromoform	ND	2500	ug/L	610
Bromomethane	ND	2500	ug/L	760
2-Butanone	ND	12000	ug/L	1200
Carbon disulfide	ND	2500	ug/L	490
Carbon tetrachloride	ND	2500	ug/L	760
Chlorobenzene	ND	2500	ug/L	560
Chloroethane	ND	2500	ug/L	620
Chloroform	ND	2500	ug/L	600
Chloromethane	ND	2500	ug/L	670
Cyclohexane	ND	2500	ug/L	740
Dibromochloromethane	ND	2500	ug/L	410
1,2-Dibromo-3-chloro-propane	ND	2500	ug/L	600
1,2-Dibromoethane	ND	2500	ug/L	570
1,3-Dichlorobenzene	ND	2500	ug/L	410
1,4-Dichlorobenzene	ND	2500	ug/L	440
1,2-Dichlorobenzene	ND	2500	ug/L	540
Dichlorodifluoromethane	ND	2500	ug/L	650
1,1-Dichloroethane	ND	2500	ug/L	610
1,2-Dichloroethane	ND	2500	ug/L	540
1,1-Dichloroethene	ND	2500	ug/L	700
cis-1,2-Dichloroethene	ND	2500	ug/L	680
trans-1,2-Dichloroethene	ND	2500	ug/L	680
1,2-Dichloropropane	ND	2500	ug/L	450
cis-1,3-Dichloropropene	ND	2500	ug/L	490
trans-1,3-Dichloropropene	ND	2500	ug/L	460
Ethylbenzene	ND	2500	ug/L	450
2-Hexanone	ND	12000	ug/L	1300
Isopropylbenzene	ND	2500	ug/L	560
Methyl acetate	ND	2500	ug/L	260
Methylene chloride	**1300 J**	**2500**	**ug/L**	**790**
Methylcyclohexane	ND	2500	ug/L	790
4-Methyl-2-pentanone	ND	12000	ug/L	560
Methyl tert-butyl ether	ND	2500	ug/L	500

(Continued on next page)

AECOM, Inc

Client Sample ID: MW-8

GC/MS Volatiles

Lot-Sample #...: C8L120342-005 Work Order #...: K4MVX2AH Matrix.....: WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Styrene	770 J	2500	ug/L	540
1,1,2,2-Tetrachloroethane	ND	2500	ug/L	380
1,2,4-Trichloro-benzene	ND	2500	ug/L	380
Tetrachloroethene	ND	2500	ug/L	590
1,1,1-Trichloroethane	ND	2500	ug/L	630
1,1,2-Trichloroethane	ND	2500	ug/L	490
Trichloroethene	ND	2500	ug/L	730
Trichlorofluoromethane	ND	2500	ug/L	200
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	2500	ug/L	750
Toluene	9300	2500	ug/L	580
Vinyl chloride	ND	2500	ug/L	730
Xylenes (total)	2800 J	7500	ug/L	1500

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	101	(71 - 118)
1,2-Dichloroethane-d4	90	(64 - 135)
4-Bromofluorobenzene	97	(70 - 118)
Dibromofluoromethane	97	(70 - 128)

NOTE(S):

J Estimated result. Result is less than RL.

AECOM, Inc

Client Sample ID: MW-8

GC/MS Semivolatiles

Lot-Sample #...:	C8L120342-005	**Work Order #...:**	K4MVX1AJ	**Matrix.....:**	WG
Date Sampled...:	12/11/08 10:45	**Date Received..:**	12/12/08 10:00	**MS Run #.....:**	
Prep Date.....:	12/18/08	**Analysis Date..:**	12/26/08		
Prep Batch #...:	8354035	**Analysis Time..:**	05:52		
Dilution Factor:	380	**Initial Wgt/Vol:**	1050 mL	**Final Wgt/Vol..:**	10 mL
Analyst ID.....:	003200	**Instrument ID..:**	731		
		Method.....:	SW846 8270C		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	760	ug/L	55
Acenaphthylene	**180 J**	**760**	**ug/L**	**32**
Acetophenone	ND	3800	ug/L	84
Anthracene	ND	760	ug/L	390
Atrazine	ND	3800	ug/L	77
Benzo(a)anthracene	ND	760	ug/L	67
Benzo(a)pyrene	ND	760	ug/L	44
Benzo(b)fluoranthene	ND	760	ug/L	62
Benzo(ghi)perylene	ND	760	ug/L	55
Benzo(k)fluoranthene	ND	760	ug/L	62
Benzaldehyde	ND	3800	ug/L	190
1,1'-Biphenyl	ND	3800	ug/L	59
bis(2-Chloroethoxy) methane	ND	3800	ug/L	52
bis(2-Chloroethyl)-ether	ND	760	ug/L	100
bis(2-Ethylhexyl) phthalate	ND	3800	ug/L	180
4-Bromophenyl phenyl ether	ND	3800	ug/L	71
Butyl benzyl phthalate	ND	3800	ug/L	1200
Caprolactam	ND	19000	ug/L	2700
Carbazole	**210 J**	**760**	**ug/L**	**52**
4-Chloroaniline	ND	3800	ug/L	410
4-Chloro-3-methylphenol	ND	3800	ug/L	96
2-Chloronaphthalene	ND	760	ug/L	57
2-Chlorophenol	ND	3800	ug/L	80
4-Chlorophenyl phenyl ether	ND	3800	ug/L	40
Chrysene	ND	760	ug/L	41
Dibenz(a,h)anthracene	ND	760	ug/L	48
Dibenzofuran	**100 J**	**3800**	**ug/L**	**70**
3,3'-Dichlorobenzidine	ND	3800	ug/L	140
2,4-Dichlorophenol	ND	760	ug/L	51
Diethyl phthalate	ND	3800	ug/L	170
2,4-Dimethylphenol	**22000**	**3800**	**ug/L**	**31**
Dimethyl phthalate	ND	3800	ug/L	53

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AECOM, Inc

Client Sample ID: MW-8

GC/MS Semivolatiles

Lot-Sample #...: C8L120342-005 Work Order #...: K4MVX1AJ Matrix.....: WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-butyl phthalate	ND	3800	ug/L	110
4,6-Dinitro-2-methylphenol	ND	19000	ug/L	3000
2,4-Dinitrophenol	ND	19000	ug/L	2300
2,4-Dinitrotoluene	ND	3800	ug/L	63
2,6-Dinitrotoluene	ND	3800	ug/L	73
Di-n-octyl phthalate	ND	3800	ug/L	59
Fluoranthene	**58 J**	**760**	**ug/L**	**38**
Fluorene	ND	760	ug/L	38
Hexachlorobenzene	ND	760	ug/L	69
Hexachlorobutadiene	ND	760	ug/L	46
Hexachlorocyclopentadiene	ND	3800	ug/L	44
Hexachloroethane	ND	3800	ug/L	29
Indeno(1,2,3-cd)pyrene	ND	760	ug/L	61
Isophorone	ND	3800	ug/L	110
2-Methylnaphthalene	**390 J**	**760**	**ug/L**	**60**
2-Methylphenol	**23000**	**3800**	**ug/L**	**53**
4-Methylphenol	**57000**	**3800**	**ug/L**	**67**
Naphthalene	**7200**	**760**	**ug/L**	**110**
2-Nitroaniline	ND	19000	ug/L	63
3-Nitroaniline	ND	19000	ug/L	99
4-Nitroaniline	ND	19000	ug/L	87
Nitrobenzene	ND	760	ug/L	68
2-Nitrophenol	ND	3800	ug/L	53
4-Nitrophenol	ND	19000	ug/L	1500
N-Nitrosodi-n-propylamine	ND	760	ug/L	150
N-Nitrosodiphenylamine	ND	760	ug/L	52
2,2'-oxybis(1-Chloropropane)	ND	760	ug/L	130
Pentachlorophenol	ND	3800	ug/L	710
Phenanthrene	**180 J**	**760**	**ug/L**	**110**
Phenol	**26000**	**760**	**ug/L**	**90**
Pyrene	ND	760	ug/L	42
2,4,5-Trichlorophenol	ND	3800	ug/L	58
2,4,6-Trichlorophenol	ND	3800	ug/L	35

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AECOM, Inc

Client Sample ID: MW-8

GC/MS Semivolatiles

Lot-Sample #...: C8L120342-005 **Work Order #...:** K4MVX1AJ **Matrix.....:** WG

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	NC,DIL	(33 - 122)
2-Fluorobiphenyl	NC,DIL	(35 - 108)
2-Fluorophenol	NC,DIL	(26 - 100)
Nitrobenzene-d5	NC,DIL	(37 - 104)
Phenol-d5	NC,DIL	(30 - 102)
Terphenyl-d14	NC,DIL	(25 - 130)

NOTE(S):

NC The recovery and/or RPD were not calculated.

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

J Estimated result. Result is less than RL.

AECOM, Inc

Client Sample ID: MW-8

TOTAL Metals

Lot-Sample #...: C8L120342-005 Matrix.....: WG
Date Sampled...: 12/11/08 Date Received..: 12/12/08

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8351456						
Silver	ND	5.0	ug/L	SW846 6010B	12/16-01/01/09	K4MVX1AK
		Dilution Factor: 1		Analysis Time..: 03:16	Analyst ID.....: 400491	
		Instrument ID..: TRACEICP		MS Run #.....: 8351266	MDL.....: 0.54	
Aluminum	**2770**	**200**	**ug/L**	**SW846 6010B**	**12/16-01/01/09**	**K4MVX1AL**
		Dilution Factor: 1		Analysis Time..: 03:16	Analyst ID.....: 400491	
		Instrument ID..: TRACEICP		MS Run #.....: 8351266	MDL.....: 16.2	
Arsenic	**16.2**	**10.0**	**ug/L**	**SW846 6010B**	**12/16-01/01/09**	**K4MVX1AM**
		Dilution Factor: 1		Analysis Time..: 03:16	Analyst ID.....: 400491	
		Instrument ID..: TRACEICP		MS Run #.....: 8351266	MDL.....: 2.0	
Barium	**131 B J**	**200**	**ug/L**	**SW846 6010B**	**12/16-01/01/09**	**K4MVX1AN**
		Dilution Factor: 1		Analysis Time..: 03:16	Analyst ID.....: 400491	
		Instrument ID..: TRACEICP		MS Run #.....: 8351266	MDL.....: 0.26	
Beryllium	ND	4.0	ug/L	SW846 6010B	12/16-01/01/09	K4MVX1AP
		Dilution Factor: 1		Analysis Time..: 03:16	Analyst ID.....: 400491	
		Instrument ID..: TRACEICP		MS Run #.....: 8351266	MDL.....: 0.18	
Calcium	**144000 J**	**5000**	**ug/L**	**SW846 6010B**	**12/16-01/01/09**	**K4MVX1AQ**
		Dilution Factor: 1		Analysis Time..: 03:16	Analyst ID.....: 400491	
		Instrument ID..: TRACEICP		MS Run #.....: 8351266	MDL.....: 17.7	
Cadmium	ND	5.0	ug/L	SW846 6010B	12/16-01/01/09	K4MVX1AR
		Dilution Factor: 1		Analysis Time..: 03:16	Analyst ID.....: 400491	
		Instrument ID..: TRACEICP		MS Run #.....: 8351266	MDL.....: 0.21	
Cobalt	**1.7 B J**	**50.0**	**ug/L**	**SW846 6010B**	**12/16-01/01/09**	**K4MVX1AT**
		Dilution Factor: 1		Analysis Time..: 03:16	Analyst ID.....: 400491	
		Instrument ID..: TRACEICP		MS Run #.....: 8351266	MDL.....: 0.45	
Chromium	**4.8 B J**	**5.0**	**ug/L**	**SW846 6010B**	**12/16-01/01/09**	**K4MVX1AU**
		Dilution Factor: 1		Analysis Time..: 03:16	Analyst ID.....: 400491	
		Instrument ID..: TRACEICP		MS Run #.....: 8351266	MDL.....: 1.1	

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AECOM, Inc

Client Sample ID: MW-8

TOTAL Metals

Lot-Sample #...: C8L120342-005 Matrix.....: WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Copper	5.5 B J	25.0	ug/L	SW846 6010B	12/16-01/01/09	K4MVX1AV
	Dilution Factor: 1	Analysis Time..: 03:16		Analyst ID.....: 400491		
	Instrument ID..: TRACEICP	MS Run #.....: 8351266		MDL.....: 4.6		
Iron	5050	100	ug/L	SW846 6010B	12/16-01/01/09	K4MVX1AW
	Dilution Factor: 1	Analysis Time..: 03:16		Analyst ID.....: 400491		
	Instrument ID..: TRACEICP	MS Run #.....: 8351266		MDL.....: 8.4		
Potassium	25600	5000	ug/L	SW846 6010B	12/16-01/01/09	K4MVX1AX
	Dilution Factor: 1	Analysis Time..: 03:16		Analyst ID.....: 400491		
	Instrument ID..: TRACEICP	MS Run #.....: 8351266		MDL.....: 750		
Magnesium	46500	5000	ug/L	SW846 6010B	12/16-01/01/09	K4MVX1A0
	Dilution Factor: 1	Analysis Time..: 03:16		Analyst ID.....: 400491		
	Instrument ID..: TRACEICP	MS Run #.....: 8351266		MDL.....: 21.8		
Manganese	588	15.0	ug/L	SW846 6010B	12/16-01/01/09	K4MVX1A1
	Dilution Factor: 1	Analysis Time..: 03:16		Analyst ID.....: 400491		
	Instrument ID..: TRACEICP	MS Run #.....: 8351266		MDL.....: 0.57		
Sodium	783000	25000	ug/L	SW846 6010B	12/16-01/02/09	K4MVX1A2
	Dilution Factor: 5	Analysis Time..: 14:22		Analyst ID.....: 400491		
	Instrument ID..: TRACEICP	MS Run #.....: 8351266		MDL.....: 726		
Nickel	4.6 B J	40.0	ug/L	SW846 6010B	12/16-01/01/09	K4MVX1A3
	Dilution Factor: 1	Analysis Time..: 03:16		Analyst ID.....: 400491		
	Instrument ID..: TRACEICP	MS Run #.....: 8351266		MDL.....: 0.78		
Lead	3.3	3.0	ug/L	SW846 6010B	12/16-01/01/09	K4MVX1A4
	Dilution Factor: 1	Analysis Time..: 03:16		Analyst ID.....: 400491		
	Instrument ID..: TRACEICP	MS Run #.....: 8351266		MDL.....: 1.7		
Selenium	ND	5.0	ug/L	SW846 6010B	12/16-01/01/09	K4MVX1A5
	Dilution Factor: 1	Analysis Time..: 03:16		Analyst ID.....: 400491		
	Instrument ID..: TRACEICP	MS Run #.....: 8351266		MDL.....: 2.9		
Thallium	ND	10.0	ug/L	SW846 6010B	12/16-01/01/09	K4MVX1AA
	Dilution Factor: 1	Analysis Time..: 03:16		Analyst ID.....: 400491		
	Instrument ID..: TRACEICP	MS Run #.....: 8351266		MDL.....: 2.8		

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AECOM, Inc

Client Sample ID: MW-8

TOTAL Metals

Lot-Sample #...: C8L120342-005 Matrix.....: WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	ND	10.0	ug/L	SW846 6010B	12/16-01/01/09	K4MVX1AC
		Dilution Factor: 1		Analysis Time..: 03:16	Analyst ID.....: 400491	
		Instrument ID..: TRACEICP		MS Run #.....: 8351266	MDL.....: 1.8	
Vanadium	21.0 B	50.0	ug/L	SW846 6010B	12/16-01/01/09	K4MVX1AD
		Dilution Factor: 1		Analysis Time..: 03:16	Analyst ID.....: 400491	
		Instrument ID..: TRACEICP		MS Run #.....: 8351266	MDL.....: 2.4	
Zinc	~~18.8 B,J~~ 20.0 U	20.0	ug/L	SW846 6010B	12/16-01/01/09	K4MVX1AE
		Dilution Factor: 1		Analysis Time..: 03:16	Analyst ID.....: 400491	
		Instrument ID..: TRACEICP		MS Run #.....: 8351266	MDL.....: 3.1	
Prep Batch #...: 8365023						
Mercury	ND	0.20	ug/L	SW846 7470A	12/30/08	K4MVX1AF
		Dilution Factor: 1		Analysis Time..: 10:31	Analyst ID.....: 031043	
		Instrument ID..: HGHYDRA		MS Run #.....: 8365013	MDL.....: 0.016	

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.

AECOM, Inc

Client Sample ID: MW-8D

GC/MS Volatiles

Lot-Sample #...: C8L120342-006	Work Order #...: K4MV01AH	Matrix.....: WG	
Date Sampled...: 12/11/08	Date Received..: 12/12/08	MS Run #.....: 8358148	
Prep Date.....: 12/23/08	Analysis Date..: 12/23/08		
Prep Batch #...: 8358276	Analysis Time..: 14:24		
Dilution Factor: 25	Initial Wgt/Vol: 5 mL	Final Wgt/Vol..: 5 mL	
Analyst ID.....: 001562	Instrument ID..: HP5		
	Method.....: SW846 8260B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	120	ug/L	62
Benzene	**36**	**25**	**ug/L**	**6.8**
Bromodichloromethane	ND	25	ug/L	5.0
Bromoform	ND	25	ug/L	6.1
Bromomethane	ND	25	ug/L	7.6
2-Butanone	ND	120	ug/L	12
Carbon disulfide	ND	25	ug/L	4.9
Carbon tetrachloride	ND	25	ug/L	7.6
Chlorobenzene	**ND**	**25**	**ug/L**	**5.6**
Chloroethane	ND	25	ug/L	6.2
Chloroform	ND	25	ug/L	6.0
Chloromethane	ND	25	ug/L	6.7
Cyclohexane	ND	25	ug/L	7.4
Dibromochloromethane	ND	25	ug/L	4.1
1,2-Dibromo-3-chloro-propane	ND	25	ug/L	6.0
1,2-Dibromoethane	ND	25	ug/L	5.7
1,3-Dichlorobenzene	ND	25	ug/L	4.1
1,4-Dichlorobenzene	ND	25	ug/L	4.4
1,2-Dichlorobenzene	ND	25	ug/L	5.4
Dichlorodifluoromethane	ND	25	ug/L	6.5
1,1-Dichloroethane	ND	25	ug/L	6.1
1,2-Dichloroethane	ND	25	ug/L	5.4
1,1-Dichloroethene	ND	25	ug/L	7.0
cis-1,2-Dichloroethene	ND	25	ug/L	6.8
trans-1,2-Dichloroethene	ND	25	ug/L	6.8
1,2-Dichloropropane	ND	25	ug/L	4.5
cis-1,3-Dichloropropene	ND	25	ug/L	4.9
trans-1,3-Dichloropropene	ND	25	ug/L	4.6
Ethylbenzene	**2000 E**	**25**	**ug/L**	**4.5**
2-Hexanone	ND	120	ug/L	13
Isopropylbenzene	**94**	**25**	**ug/L**	**5.6**
Methyl acetate	ND	25	ug/L	2.6
Methylene chloride	ND	25	ug/L	7.9
Methylcyclohexane	ND	25	ug/L	7.9
4-Methyl-2-pentanone	ND	120	ug/L	5.6
Methyl tert-butyl ether	ND	25	ug/L	5.0

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AECOM, Inc

Client Sample ID: MW-8D

GC/MS Volatiles

Lot-Sample #...: C8L120342-006 Work Order #...: K4MV01AH Matrix.....: WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Styrene	ND	25	ug/L	5.4
1,1,2,2-Tetrachloroethane	ND	25	ug/L	3.8
1,2,4-Trichloro-benzene	ND	25	ug/L	3.8
Tetrachloroethene	ND	25	ug/L	5.9
1,1,1-Trichloroethane	ND	25	ug/L	6.3
1,1,2-Trichloroethane	ND	25	ug/L	4.9
Trichloroethene	ND	25	ug/L	7.3
Trichlorofluoromethane	ND	25	ug/L	2.0
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	25	ug/L	7.5
Toluene	**170**	**25**	**ug/L**	**5.8**
Vinyl chloride	ND	25	ug/L	7.3
Xylenes (total)	~~2500 E~~ 2300	**75**	**ug/L**	**15**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	104	(71 - 118)
1,2-Dichloroethane-d4	90	(64 - 135)
4-Bromofluorobenzene	96	(70 - 118)
Dibromofluoromethane	95	(70 - 128)

NOTE(S):

E Estimated result. Result concentration exceeds the calibration range.

AECOM, Inc

Client Sample ID: MW-8D

GC/MS Volatiles

Lot-Sample #...: C8L120342-006	Work Order #...: K4MV02AH	Matrix.....: WG
Date Sampled...: 12/11/08	Date Received..: 12/12/08	MS Run #.....: 8358359
Prep Date.....: 12/23/08	Analysis Date..: 12/24/08	
Prep Batch #...: 8358632	Analysis Time..: 00:30	
Dilution Factor: 100	Initial Wgt/Vol: 5 mL	Final Wgt/Vol..: 5 mL
Analyst ID.....: 403794	Instrument ID..: HP5	
	Method.....: SW846 8260B	

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	500	ug/L	250
Benzene	**39 J**	**100**	**ug/L**	**27**
Bromodichloromethane	ND	100	ug/L	20
Bromoform	ND	100	ug/L	25
Bromomethane	ND	100	ug/L	30
2-Butanone	ND	500	ug/L	50
Carbon disulfide	ND	100	ug/L	20
Carbon tetrachloride	ND	100	ug/L	30
Chlorobenzene	ND	100	ug/L	23
Chloroethane	ND	100	ug/L	25
Chloroform	ND	100	ug/L	24
Chloromethane	ND	100	ug/L	27
Cyclohexane	ND	100	ug/L	30
Dibromochloromethane	ND	100	ug/L	16
1,2-Dibromo-3-chloro-propane	ND	100	ug/L	24
1,2-Dibromoethane	ND	100	ug/L	23
1,3-Dichlorobenzene	ND	100	ug/L	16
1,4-Dichlorobenzene	ND	100	ug/L	18
1,2-Dichlorobenzene	ND	100	ug/L	22
Dichlorodifluoromethane	ND	100	ug/L	26
1,1-Dichloroethane	ND	100	ug/L	24
1,2-Dichloroethane	ND	100	ug/L	21
1,1-Dichloroethene	ND	100	ug/L	28
cis-1,2-Dichloroethene	ND	100	ug/L	27
trans-1,2-Dichloroethene	ND	100	ug/L	27
1,2-Dichloropropane	ND	100	ug/L	18
cis-1,3-Dichloropropene	ND	100	ug/L	19
trans-1,3-Dichloropropene	ND	100	ug/L	18
Ethylbenzene	**1900**	**100**	**ug/L**	**18**
2-Hexanone	ND	500	ug/L	53
Isopropylbenzene	**84 J**	**100**	**ug/L**	**22**
Methyl acetate	ND	100	ug/L	10
Methylene chloride	**40 J**	**100**	**ug/L**	**32**
Methylcyclohexane	ND	100	ug/L	32
4-Methyl-2-pentanone	ND	500	ug/L	23
Methyl tert-butyl ether	ND	100	ug/L	20

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AECOM, Inc

Client Sample ID: MW-8D

GC/MS Volatiles

Lot-Sample #...: C8L120342-006 Work Order #...: K4MV02AH Matrix.....: WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Styrene	ND	100	ug/L	22
1,1,2,2-Tetrachloroethane	ND	100	ug/L	15
1,2,4-Trichloro-benzene	ND	100	ug/L	15
Tetrachloroethene	ND	100	ug/L	24
1,1,1-Trichloroethane	ND	100	ug/L	25
1,1,2-Trichloroethane	ND	100	ug/L	20
Trichloroethene	ND	100	ug/L	29
Trichlorofluoromethane	ND	100	ug/L	8.0
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	100	ug/L	30
Toluene	**160**	**100**	**ug/L**	**23**
Vinyl chloride	ND	100	ug/L	29
Xylenes (total)	**2300**	**300**	**ug/L**	**62**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	100	(71 - 118)
1,2-Dichloroethane-d4	89	(64 - 135)
4-Bromofluorobenzene	96	(70 - 118)
Dibromofluoromethane	98	(70 - 128)

NOTE(S):

J Estimated result. Result is less than RL.

AECOM, Inc

Client Sample ID: MW-8D

GC/MS Semivolatiles

Lot-Sample #...:	C8L120342-006	**Work Order #...:**	K4MV01AJ	**Matrix.....:**	WG
Date Sampled...:	12/11/08 11:30	**Date Received..:**	12/12/08 10:00	**MS Run #.....:**	
Prep Date.....:	12/18/08	**Analysis Date..:**	12/26/08		
Prep Batch #...:	8354035	**Analysis Time..:**	06:16		
Dilution Factor:	47	**Initial Wgt/Vol:**	1060 mL	**Final Wgt/Vol..:**	10 mL
Analyst ID.....:	003200	**Instrument ID..:**	731		
		Method.....:	SW846 8270C		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	**580**	**94**	**ug/L**	**6.8**
Acenaphthylene	**89 J**	**94**	**ug/L**	**4.0**
Acetophenone	ND	470	ug/L	10
Anthracene	**200**	**94**	**ug/L**	**49**
Atrazine	ND	470	ug/L	9.5
Benzo(a)anthracene	**130**	**94**	**ug/L**	**8.3**
Benzo(a)pyrene	**88 J**	**94**	**ug/L**	**5.5**
Benzo(b)fluoranthene	**71 J**	**94**	**ug/L**	**7.7**
Benzo(ghi)perylene	**32 J**	**94**	**ug/L**	**6.8**
Benzo(k)fluoranthene	ND	94	ug/L	7.7
Benzaldehyde	ND	470	ug/L	24
1,1'-Biphenyl	**140 J**	**470**	**ug/L**	**7.2**
bis(2-Chloroethoxy) methane	ND	470	ug/L	6.4
bis(2-Chloroethyl)-ether	ND	94	ug/L	12
bis(2-Ethylhexyl) phthalate	ND	470	ug/L	22
4-Bromophenyl phenyl ether	ND	470	ug/L	8.8
Butyl benzyl phthalate	ND	470	ug/L	140
Caprolactam	ND	2400	ug/L	340
Carbazole	**16 J**	**94**	**ug/L**	**6.4**
4-Chloroaniline	ND	470	ug/L	51
4-Chloro-3-methylphenol	ND	470	ug/L	12
2-Chloronaphthalene	ND	94	ug/L	7.1
2-Chlorophenol	ND	470	ug/L	9.9
4-Chlorophenyl phenyl ether	ND	470	ug/L	4.9
Chrysene	**92 J**	**94**	**ug/L**	**5.1**
Dibenz(a,h)anthracene	ND	94	ug/L	6.0
Dibenzofuran	**28 J**	**470**	**ug/L**	**8.7**
3,3'-Dichlorobenzidine	ND 470 U J	470	ug/L	17
2,4-Dichlorophenol	ND	94	ug/L	6.3
Diethyl phthalate	ND	470	ug/L	21
2,4-Dimethylphenol	ND	470	ug/L	3.8
Dimethyl phthalate	ND	470	ug/L	6.6

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AECOM, Inc

Client Sample ID: MW-8D

GC/MS Semivolatiles

Lot-Sample #...: C8L120342-006 Work Order #...: K4MV01AJ Matrix.....: WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-butyl phthalate	ND	470	ug/L	14
4,6-Dinitro-2-methylphenol	ND	2400	ug/L	370
2,4-Dinitrophenol	ND	2400	ug/L	290
2,4-Dinitrotoluene	ND	470	ug/L	7.8
2,6-Dinitrotoluene	ND	470	ug/L	9.0
Di-n-octyl phthalate	ND	470	ug/L	7.3
Fluoranthene	**210**	**94**	**ug/L**	**4.7**
Fluorene	**270**	**94**	**ug/L**	**4.7**
Hexachlorobenzene	ND	94	ug/L	8.6
Hexachlorobutadiene	ND	94	ug/L	5.7
Hexachlorocyclopentadiene	ND	470	ug/L	5.4
Hexachloroethane	ND	470	ug/L	3.6
Indeno(1,2,3-cd)pyrene	**23 J**	**94**	**ug/L**	**7.6**
Isophorone	ND	470	ug/L	14
2-Methylnaphthalene	**1000**	**94**	**ug/L**	**7.4**
2-Methylphenol	ND	470	ug/L	6.6
4-Methylphenol	ND	470	ug/L	8.3
Naphthalene	**6900**	**94**	**ug/L**	**13**
2-Nitroaniline	ND	2400	ug/L	7.8
3-Nitroaniline	ND	2400	ug/L	12
4-Nitroaniline	ND	2400	ug/L	11
Nitrobenzene	ND	94	ug/L	8.5
2-Nitrophenol	ND	470	ug/L	6.6
4-Nitrophenol	ND	2400	ug/L	180
N-Nitrosodi-n-propylamine	ND	94	ug/L	18
N-Nitrosodiphenylamine	ND	94	ug/L	6.4
2,2'-oxybis (1-Chloropropane)	ND	94	ug/L	16
Pentachlorophenol	ND	470	ug/L	88
Phenanthrene	**770**	**94**	**ug/L**	**13**
Phenol	ND	94	ug/L	11
Pyrene	**300**	**94**	**ug/L**	**5.2**
2,4,5-Trichlorophenol	ND	470	ug/L	7.1
2,4,6-Trichlorophenol	ND	470	ug/L	4.3

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AECOM, Inc

Client Sample ID: MW-8D

GC/MS Semivolatiles

Lot-Sample #...: C8L120342-006 Work Order #...: K4MV01AJ Matrix.....: WG

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	NC,DIL	(33 - 122)
2-Fluorobiphenyl	NC,DIL	(35 - 108)
2-Fluorophenol	NC,DIL	(26 - 100)
Nitrobenzene-d5	NC,DIL	(37 - 104)
Phenol-d5	NC,DIL	(30 - 102)
Terphenyl-d14	NC,DIL	(25 - 130)

NOTE(S):

NC The recovery and/or RPD were not calculated.

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

J Estimated result. Result is less than RL.

AECOM, Inc

Client Sample ID: MW-8D

TOTAL Metals

Lot-Sample #...: C8L120342-006 Matrix.....: WG
Date Sampled...: 12/11/08 Date Received..: 12/12/08

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8351456						
Silver	0.74 B J	5.0	ug/L	SW846 6010B	12/16-01/01/09	K4MV01AK
		Dilution Factor: 1		Analysis Time..: 02:10	Analyst ID.....: 400491	
		Instrument ID..: TRACEICP		MS Run #.....: 8351266	MDL.....: 0.54	
Aluminum	2040	200	ug/L	SW846 6010B	12/16-01/01/09	K4MV01AL
		Dilution Factor: 1		Analysis Time..: 02:10	Analyst ID.....: 400491	
		Instrument ID..: TRACEICP		MS Run #.....: 8351266	MDL.....: 16.2	
Arsenic	3.8 B J	10.0	ug/L	SW846 6010B	12/16-01/01/09	K4MV01AM
		Dilution Factor: 1		Analysis Time..: 02:10	Analyst ID.....: 400491	
		Instrument ID..: TRACEICP		MS Run #.....: 8351266	MDL.....: 2.0	
Barium	228	200	ug/L	SW846 6010B	12/16-01/01/09	K4MV01AN
		Dilution Factor: 1		Analysis Time..: 02:10	Analyst ID.....: 400491	
		Instrument ID..: TRACEICP		MS Run #.....: 8351266	MDL.....: 0.26	
Beryllium	ND	4.0	ug/L	SW846 6010B	12/16-01/01/09	K4MV01AP
		Dilution Factor: 1		Analysis Time..: 02:10	Analyst ID.....: 400491	
		Instrument ID..: TRACEICP		MS Run #.....: 8351266	MDL.....: 0.18	
Calcium	265000 J	5000	ug/L	SW846 6010B	12/16-01/01/09	K4MV01AQ
		Dilution Factor: 1		Analysis Time..: 02:10	Analyst ID.....: 400491	
		Instrument ID..: TRACEICP		MS Run #.....: 8351266	MDL.....: 17.7	
Cadmium	ND	5.0	ug/L	SW846 6010B	12/16-01/01/09	K4MV01AR
		Dilution Factor: 1		Analysis Time..: 02:10	Analyst ID.....: 400491	
		Instrument ID..: TRACEICP		MS Run #.....: 8351266	MDL.....: 0.21	
Cobalt	0.92 B J	50.0	ug/L	SW846 6010B	12/16-01/01/09	K4MV01AT
		Dilution Factor: 1		Analysis Time..: 02:10	Analyst ID.....: 400491	
		Instrument ID..: TRACEICP		MS Run #.....: 8351266	MDL.....: 0.45	
Chromium	6.2	5.0	ug/L	SW846 6010B	12/16-01/01/09	K4MV01AU
		Dilution Factor: 1		Analysis Time..: 02:10	Analyst ID.....: 400491	
		Instrument ID..: TRACEICP		MS Run #.....: 8351266	MDL.....: 1.1	

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AECOM, Inc

Client Sample ID: MW-8D

TOTAL Metals

Lot-Sample #...: C8L120342-006 Matrix.....: WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Copper	5.8 B	25.0	ug/L	SW846 6010B	12/16-01/01/09	K4MV01AV
		Dilution Factor: 1		Analysis Time..: 02:10	Analyst ID.....: 400491	
		Instrument ID..: TRACEICP		MS Run #.....: 8351266	MDL.....: 4.6	
Iron	7210	100	ug/L	SW846 6010B	12/16-01/01/09	K4MV01AW
		Dilution Factor: 1		Analysis Time..: 02:10	Analyst ID.....: 400491	
		Instrument ID..: TRACEICP		MS Run #.....: 8351266	MDL.....: 8.4	
Potassium	17100	5000	ug/L	SW846 6010B	12/16-01/01/09	K4MV01AX
		Dilution Factor: 1		Analysis Time..: 02:10	Analyst ID.....: 400491	
		Instrument ID..: TRACEICP		MS Run #.....: 8351266	MDL.....: 750	
Magnesium	38200	5000	ug/L	SW846 6010B	12/16-01/01/09	K4MV01A0
		Dilution Factor: 1		Analysis Time..: 02:10	Analyst ID.....: 400491	
		Instrument ID..: TRACEICP		MS Run #.....: 8351266	MDL.....: 21.8	
Manganese	1670	15.0	ug/L	SW846 6010B	12/16-01/01/09	K4MV01A1
		Dilution Factor: 1		Analysis Time..: 02:10	Analyst ID.....: 400491	
		Instrument ID..: TRACEICP		MS Run #.....: 8351266	MDL.....: 0.57	
Sodium	149000	5000	ug/L	SW846 6010B	12/16-01/01/09	K4MV01A2
		Dilution Factor: 1		Analysis Time..: 02:10	Analyst ID.....: 400491	
		Instrument ID..: TRACEICP		MS Run #.....: 8351266	MDL.....: 145	
Nickel	4.4 B J	40.0	ug/L	SW846 6010B	12/16-01/01/09	K4MV01A3
		Dilution Factor: 1		Analysis Time..: 02:10	Analyst ID.....: 400491	
		Instrument ID..: TRACEICP		MS Run #.....: 8351266	MDL.....: 0.78	
Lead	2.4 B J	3.0	ug/L	SW846 6010B	12/16-01/01/09	K4MV01A4
		Dilution Factor: 1		Analysis Time..: 02:10	Analyst ID.....: 400491	
		Instrument ID..: TRACEICP		MS Run #.....: 8351266	MDL.....: 1.7	
Selenium	ND	5.0	ug/L	SW846 6010B	12/16-01/01/09	K4MV01A5
		Dilution Factor: 1		Analysis Time..: 02:10	Analyst ID.....: 400491	
		Instrument ID..: TRACEICP		MS Run #.....: 8351266	MDL.....: 2.9	
Thallium	ND	10.0	ug/L	SW846 6010B	12/16-01/01/09	K4MV01AA
		Dilution Factor: 1		Analysis Time..: 02:10	Analyst ID.....: 400491	
		Instrument ID..: TRACEICP		MS Run #.....: 8351266	MDL.....: 2.8	

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AECOM, Inc

Client Sample ID: MW-8D

TOTAL Metals

Lot-Sample #...: C8L120342-006 Matrix.....: WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	ND	10.0	ug/L	SW846 6010B	12/16-01/01/09	K4MV01AC
		Dilution Factor: 1		Analysis Time..: 02:10	Analyst ID.....: 400491	
		Instrument ID..: TRACEICP		MS Run #.....: 8351266	MDL.....: 1.8	
Vanadium	**7.9 B J**	**50.0**	**ug/L**	**SW846 6010B**	**12/16-01/01/09**	**K4MV01AD**
		Dilution Factor: 1		Analysis Time..: 02:10	Analyst ID.....: 400491	
		Instrument ID..: TRACEICP		MS Run #.....: 8351266	MDL.....: 2.4	
Zinc	~~15.2 B,J~~ 20.0 U	**20.0**	**ug/L**	**SW846 6010B**	**12/16-01/01/09**	**K4MV01AE**
		Dilution Factor: 1		Analysis Time..: 02:10	Analyst ID.....: 400491	
		Instrument ID..: TRACEICP		MS Run #.....: 8351266	MDL.....: 3.1	
Prep Batch #...: 8365023						
Mercury	ND	0.20	ug/L	SW846 7470A	12/30/08	K4MV01AF
		Dilution Factor: 1		Analysis Time..: 10:36	Analyst ID.....: 031043	
		Instrument ID..: HGHYDRA		MS Run #.....: 8365013	MDL.....: 0.016	

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.

AECOM, Inc

Client Sample ID: MW-9

GC/MS Volatiles

Lot-Sample #...: C8L110371-008	Work Order #...: K4J3H1AA	Matrix.....: WG
Date Sampled...: 12/10/08	Date Received..: 12/11/08	MS Run #.....: 8355042
Prep Date.....: 12/20/08	Analysis Date..: 12/20/08	
Prep Batch #...: 8355067	Analysis Time..: 19:04	
Dilution Factor: 1	Initial Wgt/Vol: 5 mL	Final Wgt/Vol..: 5 mL
Analyst ID.....: 403794	Instrument ID..: HP5	
	Method.....: SW846 8260B	

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	5.0	ug/L	2.5
Benzene	ND	1.0	ug/L	0.27
Bromodichloromethane	ND	1.0	ug/L	0.20
Bromoform	ND	1.0	ug/L	0.25
Bromomethane	ND	1.0	ug/L	0.30
2-Butanone	ND	5.0	ug/L	0.50
Carbon disulfide	ND	1.0	ug/L	0.20
Carbon tetrachloride	ND	1.0	ug/L	0.30
Chlorobenzene	ND	1.0	ug/L	0.23
Chloroethane	ND	1.0	ug/L	0.25
Chloroform	ND	1.0	ug/L	0.24
Chloromethane	ND	1.0	ug/L	0.27
Cyclohexane	ND	1.0	ug/L	0.30
Dibromochloromethane	ND	1.0	ug/L	0.16
1,2-Dibromo-3-chloro-propane	ND	1.0	ug/L	0.24
1,2-Dibromoethane	ND	1.0	ug/L	0.23
1,3-Dichlorobenzene	ND	1.0	ug/L	0.16
1,4-Dichlorobenzene	ND	1.0	ug/L	0.18
1,2-Dichlorobenzene	ND	1.0	ug/L	0.22
Dichlorodifluoromethane	ND 1.0 UJ	1.0	ug/L	0.26
1,1-Dichloroethane	ND	1.0	ug/L	0.24
1,2-Dichloroethane	ND	1.0	ug/L	0.21
1,1-Dichloroethene	ND	1.0	ug/L	0.28
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.27
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.27
1,2-Dichloropropane	ND	1.0	ug/L	0.18
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.19
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.18
Ethylbenzene	ND	1.0	ug/L	0.18
2-Hexanone	ND	5.0	ug/L	0.53
Isopropylbenzene	ND	1.0	ug/L	0.22
Methyl acetate	ND	1.0	ug/L	0.10
Methylene chloride	ND	1.0	ug/L	0.32
Methylcyclohexane	ND	1.0	ug/L	0.32
4-Methyl-2-pentanone	ND	5.0	ug/L	0.23
Methyl tert-butyl ether	ND	1.0	ug/L	0.20

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AECOM, Inc

Client Sample ID: MW-9

GC/MS Volatiles

Lot-Sample #...: C8L110371-008 Work Order #...: K4J3H1AA Matrix.....: WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Styrene	ND	1.0	ug/L	0.22
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.15
1,2,4-Trichloro-benzene	ND	1.0	ug/L	0.15
Tetrachloroethene	ND	1.0	ug/L	0.24
1,1,1-Trichloroethane	ND	1.0	ug/L	0.25
1,1,2-Trichloroethane	ND	1.0	ug/L	0.20
Trichloroethene	ND	1.0	ug/L	0.29
Trichlorofluoromethane	ND	1.0	ug/L	0.080
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L	0.30
Toluene	ND	1.0	ug/L	0.23
Vinyl chloride	ND	1.0	ug/L	0.29
Xylenes (total)	ND	3.0	ug/L	0.62

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	99	(71 - 118)
1,2-Dichloroethane-d4	102	(64 - 135)
4-Bromofluorobenzene	102	(70 - 118)
Dibromofluoromethane	104	(70 - 128)

AECOM, Inc

Client Sample ID: MW-9

GC/MS Semivolatiles

Lot-Sample #...: C8L110371-008	Work Order #...: K4J3H1AC	Matrix.....:	WG
Date Sampled...: 12/10/08 10:12	Date Received..: 12/11/08 09:50	MS Run #.....:	
Prep Date.....: 12/17/08	Analysis Date..: 12/24/08		
Prep Batch #...: 8352356	Analysis Time..: 07:34		
Dilution Factor: 1	Initial Wgt/Vol: 1000 mL	Final Wgt/Vol..:	10 mL
Analyst ID.....: 007062	Instrument ID..: 722		
	Method.....: SW846 8270C		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	2.0	ug/L	0.14
Acenaphthylene	ND	2.0	ug/L	0.085
Acetophenone	ND	10	ug/L	0.22
Anthracene	ND	2.0	ug/L	1.0
Atrazine	ND	10	ug/L	0.20
Benzo(a)anthracene	ND	2.0	ug/L	0.18
Benzo(a)pyrene	ND	2.0	ug/L	0.12
Benzo(b)fluoranthene	ND	2.0	ug/L	0.16
Benzo(ghi)perylene	ND	2.0	ug/L	0.14
Benzo(k)fluoranthene	ND	2.0	ug/L	0.16
Benzaldehyde	ND [illegible]	10	ug/L	0.50
1,1'-Biphenyl	ND	10	ug/L	0.15
bis(2-Chloroethoxy) methane	ND	10	ug/L	0.14
bis(2-Chloroethyl)-ether	ND	2.0	ug/L	0.26
bis(2-Ethylhexyl) phthalate	ND [illegible]	10	ug/L	0.46
4-Bromophenyl phenyl ether	ND	10	ug/L	0.19
Butyl benzyl phthalate	ND	10	ug/L	3.1
Caprolactam	ND	50	ug/L	7.2
Carbazole	ND	2.0	ug/L	0.14
4-Chloroaniline	ND [illegible]	10	ug/L	1.1
4-Chloro-3-methylphenol	ND	10	ug/L	0.25
2-Chloronaphthalene	ND	2.0	ug/L	0.15
2-Chlorophenol	ND	10	ug/L	0.21
4-Chlorophenyl phenyl ether	ND	10	ug/L	0.10
Chrysene	ND	2.0	ug/L	0.11
Dibenz(a,h)anthracene	ND	2.0	ug/L	0.13
Dibenzofuran	ND	10	ug/L	0.18
3,3'-Dichlorobenzidine	ND [illegible]	10	ug/L	0.36
2,4-Dichlorophenol	ND	2.0	ug/L	0.13
Diethyl phthalate	ND	10	ug/L	0.45
2,4-Dimethylphenol	ND	10	ug/L	0.080
Dimethyl phthalate	ND	10	ug/L	0.14

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AECOM, Inc

Client Sample ID: MW-9

GC/MS Semivolatiles

Lot-Sample #...: C8L110371-008 Work Order #...: K4J3H1AC Matrix.....: WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-butyl phthalate	ND	10	ug/L	0.30
4,6-Dinitro-2-methylphenol	ND 50 UJ	50	ug/L	7.8
2,4-Dinitrophenol	ND 50 UJ	50	ug/L	6.1
2,4-Dinitrotoluene	ND	10	ug/L	0.16
2,6-Dinitrotoluene	ND	10	ug/L	0.19
Di-n-octyl phthalate	ND	10	ug/L	0.16
Fluoranthene	ND	2.0	ug/L	0.10
Fluorene	ND	2.0	ug/L	0.099
Hexachlorobenzene	ND	2.0	ug/L	0.18
Hexachlorobutadiene	ND	2.0	ug/L	0.12
Hexachlorocyclopentadiene	ND 10 UJ	10	ug/L	0.12
Hexachloroethane	ND	10	ug/L	0.077
Indeno(1,2,3-cd)pyrene	ND	2.0	ug/L	0.16
Isophorone	ND	10	ug/L	0.29
2-Methylnaphthalene	ND	2.0	ug/L	0.16
2-Methylphenol	ND	10	ug/L	0.14
4-Methylphenol	ND	10	ug/L	0.18
Naphthalene	**1.8 J**	**2.0**	**ug/L**	**0.28**
2-Nitroaniline	ND	50	ug/L	0.17
3-Nitroaniline	ND 50 UJ	50	ug/L	0.26
4-Nitroaniline	ND 50 UJ	50	ug/L	0.23
Nitrobenzene	ND	2.0	ug/L	0.18
2-Nitrophenol	ND	10	ug/L	0.14
4-Nitrophenol	ND	50	ug/L	3.9
N-Nitrosodi-n-propylamine	ND	2.0	ug/L	0.39
N-Nitrosodiphenylamine	ND	2.0	ug/L	0.14
2,2'-oxybis (1-Chloropropane)	ND	2.0	ug/L	0.35
Pentachlorophenol	ND	10	ug/L	1.9
Phenanthrene	ND	2.0	ug/L	0.28
Phenol	ND	2.0	ug/L	0.24
Pyrene	ND	2.0	ug/L	0.11
2,4,5-Trichlorophenol	ND	10	ug/L	0.15
2,4,6-Trichlorophenol	ND	10	ug/L	0.091

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AECOM, Inc

Client Sample ID: MW-9

GC/MS Semivolatiles

Lot-Sample #...: C8L110371-008 Work Order #...: K4J3H1AC Matrix.....: WG

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	75	(33 - 122)
2-Fluorobiphenyl	55	(35 - 108)
2-Fluorophenol	35	(26 - 100)
Nitrobenzene-d5	40	(37 - 104)
Phenol-d5	40	(30 - 102)
Terphenyl-d14	68	(25 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

AECOM, Inc

Client Sample ID: MW-9

TOTAL Metals

Lot-Sample #...: C8L110371-008 Matrix.....: WG
Date Sampled...: 12/10/08 Date Received..: 12/11/08

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8351421						
Silver	ND	5.0	ug/L	SW846 6010B	12/16-12/28/08	K4J3H1AD
		Dilution Factor: 1		Analysis Time..: 19:51	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 0.54	
Aluminum	~~87.0 B,J~~ 200 U	200	ug/L	SW846 6010B	12/16-12/28/08	K4J3H1AE
		Dilution Factor: 1		Analysis Time..: 19:51	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 16.2	
Arsenic	ND	10.0	ug/L	SW846 6010B	12/16-12/28/08	K4J3H1AF
		Dilution Factor: 1		Analysis Time..: 19:51	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 2.0	
Barium	~~147 B,J~~ 200 U	200	ug/L	SW846 6010B	12/16-12/28/08	K4J3H1AG
		Dilution Factor: 1		Analysis Time..: 19:51	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 0.26	
Beryllium	~~0.38 B,J~~ 4.0 U	4.0	ug/L	SW846 6010B	12/16-12/28/08	K4J3H1AH
		Dilution Factor: 1		Analysis Time..: 19:51	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 0.18	
Calcium	120000 J	5000	ug/L	SW846 6010B	12/16-12/28/08	K4J3H1AJ
		Dilution Factor: 1		Analysis Time..: 19:51	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 17.7	
Cadmium	ND	5.0	ug/L	SW846 6010B	12/16-12/28/08	K4J3H1AK
		Dilution Factor: 1		Analysis Time..: 19:51	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 0.21	
Cobalt	ND	50.0	ug/L	SW846 6010B	12/16-12/28/08	K4J3H1AL
		Dilution Factor: 1		Analysis Time..: 19:51	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 0.45	
Chromium	ND	5.0	ug/L	SW846 6010B	12/16-12/28/08	K4J3H1AM
		Dilution Factor: 1		Analysis Time..: 19:51	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 1.1	

(Continued on next page)

AECOM, Inc

Client Sample ID: MW-9

TOTAL Metals

Lot-Sample #...: C8L110371-008 Matrix.....: WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Copper	ND	25.0	ug/L	SW846 6010B	12/16-12/28/08	K4J3H1AN
	Dilution Factor: 1			Analysis Time..: 19:51	Analyst ID.....: 022952	
	Instrument ID..: TRACEICP			MS Run #.....: 8351251	MDL.....: 4.6	
Iron	9700	100	ug/L	SW846 6010B	12/16-12/28/08	K4J3H1AP
	Dilution Factor: 1			Analysis Time..: 19:51	Analyst ID.....: 022952	
	Instrument ID..: TRACEICP			MS Run #.....: 8351251	MDL.....: 8.4	
Potassium	30300	5000	ug/L	SW846 6010B	12/16-12/28/08	K4J3H1AQ
	Dilution Factor: 1			Analysis Time..: 19:51	Analyst ID.....: 022952	
	Instrument ID..: TRACEICP			MS Run #.....: 8351251	MDL.....: 750	
Magnesium	16600	5000	ug/L	SW846 6010B	12/16-12/28/08	K4J3H1AR
	Dilution Factor: 1			Analysis Time..: 19:51	Analyst ID.....: 022952	
	Instrument ID..: TRACEICP			MS Run #.....: 8351251	MDL.....: 21.8	
Manganese	618	15.0	ug/L	SW846 6010B	12/16-12/28/08	K4J3H1AT
	Dilution Factor: 1			Analysis Time..: 19:51	Analyst ID.....: 022952	
	Instrument ID..: TRACEICP			MS Run #.....: 8351251	MDL.....: 0.57	
Sodium	581000	10000	ug/L	SW846 6010B	12/16-12/30/08	K4J3H1AU
	Dilution Factor: 2			Analysis Time..: 11:23	Analyst ID.....: 022952	
	Instrument ID..: TRACEICP			MS Run #.....: 8351251	MDL.....: 290	
Nickel	ND	40.0	ug/L	SW846 6010B	12/16-12/28/08	K4J3H1AV
	Dilution Factor: 1			Analysis Time..: 19:51	Analyst ID.....: 022952	
	Instrument ID..: TRACEICP			MS Run #.....: 8351251	MDL.....: 0.78	
Lead	ND	3.0	ug/L	SW846 6010B	12/16-12/28/08	K4J3H1AW
	Dilution Factor: 1			Analysis Time..: 19:51	Analyst ID.....: 022952	
	Instrument ID..: TRACEICP			MS Run #.....: 8351251	MDL.....: 1.7	
Selenium	ND	5.0	ug/L	SW846 6010B	12/16-12/28/08	K4J3H1AX
	Dilution Factor: 1			Analysis Time..: 19:51	Analyst ID.....: 022952	
	Instrument ID..: TRACEICP			MS Run #.....: 8351251	MDL.....: 2.9	
Thallium	ND	10.0	ug/L	SW846 6010B	12/16-12/28/08	K4J3H1A0
	Dilution Factor: 1			Analysis Time..: 19:51	Analyst ID.....: 022952	
	Instrument ID..: TRACEICP			MS Run #.....: 8351251	MDL.....: 2.8	

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AECOM, Inc

Client Sample ID: MW-9

TOTAL Metals

Lot-Sample #...: C8L110371-008 Matrix.....: WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	ND	10.0	ug/L	SW846 6010B	12/16-12/28/08	K4J3H1A1
		Dilution Factor: 1		Analysis Time..: 19:51	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 1.8	
Vanadium	ND	50.0	ug/L	SW846 6010B	12/16-12/28/08	K4J3H1A2
		Dilution Factor: 1		Analysis Time..: 19:51	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 2.4	
Zinc	~~5.9 B,J~~ 20.0 U	**20.0**	**ug/L**	**SW846 6010B**	**12/16-12/28/08**	**K4J3H1A3**
		Dilution Factor: 1		Analysis Time..: 19:51	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 3.1	
Prep Batch #...: 8357147						
Mercury	ND	0.20	ug/L	SW846 7470A	12/22/08	K4J3H1A4
		Dilution Factor: 1		Analysis Time..: 13:12	Analyst ID.....: 403938	
		Instrument ID..: HGHYDRA		MS Run #.....: 8357101	MDL.....: 0.016	

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.

AECOM, Inc

Client Sample ID: MW-10

GC/MS Volatiles

Lot-Sample #...: C8L100288-004	Work Order #...: K4FNA1AH	Matrix.....:	WG
Date Sampled...: 12/09/08	Date Received..: 12/10/08	MS Run #.....:	8352329
Prep Date.....: 12/17/08	Analysis Date..: 12/17/08		
Prep Batch #...: 8352472	Analysis Time..: 16:14		
Dilution Factor: 1	Initial Wgt/Vol: 5 mL	Final Wgt/Vol..:	5 mL
Analyst ID.....: 403794	Instrument ID..: HP5		
	Method.....: SW846 8260B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	5.0	ug/L	2.5
Benzene	ND	1.0	ug/L	0.27
Bromodichloromethane	ND	1.0	ug/L	0.20
Bromoform	ND	1.0	ug/L	0.25
Bromomethane	ND	1.0	ug/L	0.30
2-Butanone	ND	5.0	ug/L	0.50
Carbon disulfide	ND	1.0	ug/L	0.20
Carbon tetrachloride	ND	1.0	ug/L	0.30
Chlorobenzene	ND	1.0	ug/L	0.23
Chloroethane	ND	1.0	ug/L	0.25
Chloroform	**1.2**	**1.0**	**ug/L**	**0.24**
Chloromethane	ND	1.0	ug/L	0.27
Cyclohexane	ND	1.0	ug/L	0.30
Dibromochloromethane	ND	1.0	ug/L	0.16
1,2-Dibromo-3-chloro-propane	ND	1.0	ug/L	0.24
1,2-Dibromoethane	ND	1.0	ug/L	0.23
1,3-Dichlorobenzene	ND	1.0	ug/L	0.16
1,4-Dichlorobenzene	ND	1.0	ug/L	0.18
1,2-Dichlorobenzene	ND	1.0	ug/L	0.22
Dichlorodifluoromethane	ND	1.0	ug/L	0.26
1,1-Dichloroethane	ND	1.0	ug/L	0.24
1,2-Dichloroethane	ND	1.0	ug/L	0.21
1,1-Dichloroethene	ND	1.0	ug/L	0.28
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.27
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.27
1,2-Dichloropropane	ND	1.0	ug/L	0.18
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.19
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.18
Ethylbenzene	ND	1.0	ug/L	0.18
2-Hexanone	ND	5.0	ug/L	0.53
Isopropylbenzene	ND	1.0	ug/L	0.22
Methyl acetate	ND	1.0	ug/L	0.10
Methylene chloride	ND	1.0	ug/L	0.32
Methylcyclohexane	ND	1.0	ug/L	0.32
4-Methyl-2-pentanone	ND	5.0	ug/L	0.23
Methyl tert-butyl ether	ND	1.0	ug/L	0.20

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AECOM, Inc

Client Sample ID: MW-10

GC/MS Volatiles

Lot-Sample #...: C8L100288-004 Work Order #...: K4FNA1AH Matrix.....: WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Styrene	ND	1.0	ug/L	0.22
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.15
1,2,4-Trichloro-benzene	ND	1.0	ug/L	0.15
Tetrachloroethene	ND	1.0	ug/L	0.24
1,1,1-Trichloroethane	ND	1.0	ug/L	0.25
1,1,2-Trichloroethane	ND	1.0	ug/L	0.20
Trichloroethene	ND	1.0	ug/L	0.29
Trichlorofluoromethane	ND	1.0	ug/L	0.080
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L	0.30
Toluene	ND	1.0	ug/L	0.23
Vinyl chloride	ND	1.0	ug/L	0.29
Xylenes (total)	ND	3.0	ug/L	0.62

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	108	(71 - 118)
1,2-Dichloroethane-d4	94	(64 - 135)
4-Bromofluorobenzene	109	(70 - 118)
Dibromofluoromethane	99	(70 - 128)

AECOM, Inc

Client Sample ID: MW-10

GC/MS Semivolatiles

Lot-Sample #...:	C8L100288-004	**Work Order #...:**	K4FNA1AJ	**Matrix.....:**	WG
Date Sampled...:	12/09/08 09:08	**Date Received..:**	12/10/08 10:15	**MS Run #.....:**	8350082
Prep Date.....:	12/15/08	**Analysis Date..:**	12/19/08		
Prep Batch #...:	8350174	**Analysis Time..:**	02:36		
Dilution Factor:	0.96	**Initial Wgt/Vol:**	1040 mL	**Final Wgt/Vol..:**	10 mL
Analyst ID.....:	003200	**Instrument ID..:**	733		
		Method.....:	SW846 8270C		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	1.9	ug/L	0.14
Acenaphthylene	ND	1.9	ug/L	0.081
Acetophenone	ND	9.6	ug/L	0.21
Anthracene	ND	1.9	ug/L	1.0
Atrazine	ND	9.6	ug/L	0.19
Benzo(a)anthracene	ND	1.9	ug/L	0.17
Benzo(a)pyrene	ND	1.9	ug/L	0.11
Benzo(b)fluoranthene	ND	1.9	ug/L	0.16
Benzo(ghi)perylene	ND	1.9	ug/L	0.14
Benzo(k)fluoranthene	ND	1.9	ug/L	0.16
Benzaldehyde	ND	9.6	ug/L	0.48
1,1'-Biphenyl	ND	9.6	ug/L	0.15
bis(2-Chloroethoxy) methane	ND	9.6	ug/L	0.13
bis(2-Chloroethyl)-ether	ND	1.9	ug/L	0.25
bis(2-Ethylhexyl) phthalate	ND	9.6	ug/L	0.44
4-Bromophenyl phenyl ether	ND	9.6	ug/L	0.18
Butyl benzyl phthalate	ND	9.6	ug/L	2.9
Caprolactam	ND	48	ug/L	6.9
Carbazole	ND	1.9	ug/L	0.13
4-Chloroaniline	ND	9.6	ug/L	1.0
4-Chloro-3-methylphenol	ND	9.6	ug/L	0.24
2-Chloronaphthalene	ND	1.9	ug/L	0.15
2-Chlorophenol	ND	9.6	ug/L	0.20
4-Chlorophenyl phenyl ether	ND	9.6	ug/L	0.10
Chrysene	ND	1.9	ug/L	0.10
Dibenz(a,h)anthracene	ND	1.9	ug/L	0.12
Dibenzofuran	ND	9.6	ug/L	0.18
3,3'-Dichlorobenzidine	ND	9.6	ug/L	0.35
2,4-Dichlorophenol	ND	1.9	ug/L	0.13
Diethyl phthalate	ND	9.6	ug/L	0.43
2,4-Dimethylphenol	ND	9.6	ug/L	0.077
Dimethyl phthalate	ND	9.6	ug/L	0.13

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AECOM, Inc

Client Sample ID: MW-10

GC/MS Semivolatiles

Lot-Sample #...: C8L100288-004 Work Order #...: K4FNA1AJ Matrix.....: WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-butyl phthalate	ND	9.6	ug/L	0.29
4,6-Dinitro-2-methylphenol	ND	48	ug/L	7.5
2,4-Dinitrophenol	ND	48	ug/L	5.9
2,4-Dinitrotoluene	ND	9.6	ug/L	0.16
2,6-Dinitrotoluene	ND	9.6	ug/L	0.18
Di-n-octyl phthalate	ND	9.6	ug/L	0.15
Fluoranthene	ND	1.9	ug/L	0.096
Fluorene	ND	1.9	ug/L	0.095
Hexachlorobenzene	ND	1.9	ug/L	0.17
Hexachlorobutadiene	ND	1.9	ug/L	0.12
Hexachlorocyclopentadiene	ND	9.6	ug/L	0.11
Hexachloroethane	ND	9.6	ug/L	0.074
Indeno(1,2,3-cd)pyrene	ND	1.9	ug/L	0.15
Isophorone	ND	9.6	ug/L	0.28
2-Methylnaphthalene	ND	1.9	ug/L	0.15
2-Methylphenol	ND	9.6	ug/L	0.13
4-Methylphenol	ND	9.6	ug/L	0.17
Naphthalene	ND	1.9	ug/L	0.27
2-Nitroaniline	ND	48	ug/L	0.16
3-Nitroaniline	ND	48	ug/L	0.25
4-Nitroaniline	ND	48	ug/L	0.22
Nitrobenzene	ND	1.9	ug/L	0.17
2-Nitrophenol	ND	9.6	ug/L	0.13
4-Nitrophenol	ND	48	ug/L	3.8
N-Nitrosodi-n-propylamine	ND	1.9	ug/L	0.37
N-Nitrosodiphenylamine	ND	1.9	ug/L	0.13
2,2'-oxybis(1-Chloropropane)	ND	1.9	ug/L	0.33
Pentachlorophenol	ND	9.6	ug/L	1.8
Phenanthrene	ND	1.9	ug/L	0.27
Phenol	ND	1.9	ug/L	0.23
Pyrene	ND	1.9	ug/L	0.11
2,4,5-Trichlorophenol	ND	9.6	ug/L	0.15
2,4,6-Trichlorophenol	ND	9.6	ug/L	0.087

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AECOM, Inc

Client Sample ID: MW-10

GC/MS Semivolatiles

Lot-Sample #...: C8L100288-004 **Work Order #...:** K4FNA1AJ **Matrix.....:** WG

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	79	(33 - 122)
2-Fluorobiphenyl	70	(35 - 108)
2-Fluorophenol	57	(26 - 100)
Nitrobenzene-d5	70	(37 - 104)
Phenol-d5	62	(30 - 102)
Terphenyl-d14	76	(25 - 130)

AECOM, Inc

Client Sample ID: MW-10

TOTAL Metals

Lot-Sample #...: C8L100288-004 Matrix.....: WG
Date Sampled...: 12/09/08 Date Received..: 12/10/08

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8346399						
Silver	ND	5.0	ug/L	SW846 6010B	12/11-12/27/08	K4FNA1AK
		Dilution Factor: 1		Analysis Time..: 12:29	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 0.54	
Aluminum	ND	200	ug/L	SW846 6010B	12/11-12/27/08	K4FNA1AL
		Dilution Factor: 1		Analysis Time..: 12:29	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 16.2	
Arsenic	ND	10.0	ug/L	SW846 6010B	12/11-12/27/08	K4FNA1AM
		Dilution Factor: 1		Analysis Time..: 12:29	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 2.0	
Barium	~~45.5 B~~ 34.5 U	**200**	**ug/L**	**SW846 6010B**	**12/11-12/27/08**	**K4FNA1AN**
		Dilution Factor: 1		Analysis Time..: 12:29	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 0.26	
Beryllium	ND	4.0	ug/L	SW846 6010B	12/11-12/27/08	K4FNA1AP
		Dilution Factor: 1		Analysis Time..: 12:29	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 0.18	
Calcium	**185000 J**	**5000**	**ug/L**	**SW846 6010B**	**12/11-12/27/08**	**K4FNA1AQ**
		Dilution Factor: 1		Analysis Time..: 12:29	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 17.7	
Cadmium	ND	5.0	ug/L	SW846 6010B	12/11-12/27/08	K4FNA1AR
		Dilution Factor: 1		Analysis Time..: 12:29	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 0.21	
Cobalt	ND	50.0	ug/L	SW846 6010B	12/11-12/27/08	K4FNA1AT
		Dilution Factor: 1		Analysis Time..: 12:29	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 0.45	
Chromium	**1.5 B J**	**5.0**	**ug/L**	**SW846 6010B**	**12/11-12/27/08**	**K4FNA1AU**
		Dilution Factor: 1		Analysis Time..: 12:29	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 1.1	

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AECOM, Inc

Client Sample ID: MW-10

TOTAL Metals

Lot-Sample #...: C8L100288-004 Matrix.....: WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Copper	ND	25.0	ug/L	SW846 6010B	12/11-12/27/08	K4FNA1AV
		Dilution Factor: 1		Analysis Time..: 12:29	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 4.6	
Iron	ND	100	ug/L	SW846 6010B	12/11-12/27/08	K4FNA1AW
		Dilution Factor: 1		Analysis Time..: 12:29	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 8.4	
Potassium	**6550**	**5000**	**ug/L**	**SW846 6010B**	**12/11-12/27/08**	**K4FNA1AX**
		Dilution Factor: 1		Analysis Time..: 12:29	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 750	
Magnesium	**20400**	**5000**	**ug/L**	**SW846 6010B**	**12/11-12/27/08**	**K4FNA1A0**
		Dilution Factor: 1		Analysis Time..: 12:29	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 21.8	
Manganese	ND	15.0	ug/L	SW846 6010B	12/11-12/27/08	K4FNA1A1
		Dilution Factor: 1		Analysis Time..: 12:29	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 0.57	
Sodium	**132000**	**5000**	**ug/L**	**SW846 6010B**	**12/11-12/27/08**	**K4FNA1A2**
		Dilution Factor: 1		Analysis Time..: 12:29	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 145	
Nickel	~~1.5 B~~ 40.0 U	**40.0**	**ug/L**	**SW846 6010B**	**12/11-12/27/08**	**K4FNA1A3**
		Dilution Factor: 1		Analysis Time..: 12:29	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 0.78	
Lead	ND	3.0	ug/L	SW846 6010B	12/11-12/27/08	K4FNA1A4
		Dilution Factor: 1		Analysis Time..: 12:29	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 1.7	
Selenium	**8.4**	**5.0**	**ug/L**	**SW846 6010B**	**12/11-12/27/08**	**K4FNA1A5**
		Dilution Factor: 1		Analysis Time..: 12:29	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 2.9	
Thallium	ND	10.0	ug/L	SW846 6010B	12/11-12/27/08	K4FNA1AA
		Dilution Factor: 1		Analysis Time..: 12:29	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 2.8	

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AECOM, Inc

Client Sample ID: MW-10

TOTAL Metals

Lot-Sample #...: C8L100288-004 Matrix.....: WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	ND	10.0	ug/L	SW846 6010B	12/11-12/27/08	K4FNA1AC
		Dilution Factor: 1		Analysis Time..: 12:29	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 1.8	
Vanadium	ND	50.0	ug/L	SW846 6010B	12/11-12/27/08	K4FNA1AD
		Dilution Factor: 1		Analysis Time..: 12:29	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 2.4	
Zinc	~~5.4 B,J~~ 20.0 U	**20.0**	**ug/L**	**SW846 6010B**	**12/11-12/27/08**	**K4FNA1AE**
		Dilution Factor: 1		Analysis Time..: 12:29	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 3.1	
Prep Batch #...: 8357029						
Mercury	ND	0.20	ug/L	SW846 7470A	12/22/08	K4FNA1AF
		Dilution Factor: 1		Analysis Time..: 09:11	Analyst ID.....: 031043	
		Instrument ID..: HGHYDRA		MS Run #.....: 8357022	MDL.....: 0.016	

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.

AECOM, Inc

Client Sample ID: MW-11D

GC/MS Volatiles

Lot-Sample #...:	C8L100288-008	Work Order #...:	K4FPG1AH	Matrix.....:	WG
Date Sampled...:	12/09/08	Date Received..:	12/10/08	MS Run #.....:	8353187
Prep Date.....:	12/18/08	Analysis Date..:	12/18/08		
Prep Batch #...:	8353293	Analysis Time..:	14:09		
Dilution Factor:	25	Initial Wgt/Vol:	5 mL	Final Wgt/Vol..:	5 mL
Analyst ID.....:	001562	Instrument ID..:	HP5		
		Method.....:	SW846 8260B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	120	ug/L	62
Benzene	**210**	**25**	**ug/L**	**6.8**
Bromodichloromethane	ND	25	ug/L	5.0
Bromoform	ND	25	ug/L	6.1
Bromomethane	ND	25	ug/L	7.6
2-Butanone	ND	120	ug/L	12
Carbon disulfide	ND	25	ug/L	4.9
Carbon tetrachloride	ND	25	ug/L	7.6
Chlorobenzene	ND	25	ug/L	5.6
Chloroethane	ND	25	ug/L	6.2
Chloroform	ND	25	ug/L	6.0
Chloromethane	ND	25	ug/L	6.7
Cyclohexane	ND	25	ug/L	7.4
Dibromochloromethane	ND	25	ug/L	4.1
1,2-Dibromo-3-chloro-propane	ND	25	ug/L	6.0
1,2-Dibromoethane	ND	25	ug/L	5.7
1,3-Dichlorobenzene	ND	25	ug/L	4.1
1,4-Dichlorobenzene	ND	25	ug/L	4.4
1,2-Dichlorobenzene	ND	25	ug/L	5.4
Dichlorodifluoromethane	ND	25	ug/L	6.5
1,1-Dichloroethane	ND	25	ug/L	6.1
1,2-Dichloroethane	ND	25	ug/L	5.4
1,1-Dichloroethene	ND	25	ug/L	7.0
cis-1,2-Dichloroethene	ND	25	ug/L	6.8
trans-1,2-Dichloroethene	ND	25	ug/L	6.8
1,2-Dichloropropane	ND	25	ug/L	4.5
cis-1,3-Dichloropropene	ND	25	ug/L	4.9
trans-1,3-Dichloropropene	ND	25	ug/L	4.6
Ethylbenzene	**8.5 J**	**25**	**ug/L**	**4.5**
2-Hexanone	ND	120	ug/L	13
Isopropylbenzene	**64**	**25**	**ug/L**	**5.6**
Methyl acetate	ND	25	ug/L	2.6
Methylene chloride	~~8.9 J~~ 25 U	**25**	**ug/L**	**7.9**
Methylcyclohexane	ND	25	ug/L	7.9
4-Methyl-2-pentanone	ND	120	ug/L	5.6
Methyl tert-butyl ether	ND	25	ug/L	5.0

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AECOM, Inc

Client Sample ID: MW-11D

GC/MS Volatiles

Lot-Sample #...: C8L100288-008 Work Order #...: K4FPG1AH Matrix.....: WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Styrene	ND	25	ug/L	5.4
1,1,2,2-Tetrachloroethane	ND	25	ug/L	3.8
1,2,4-Trichloro-benzene	ND	25	ug/L	3.8
Tetrachloroethene	ND	25	ug/L	5.9
1,1,1-Trichloroethane	ND	25	ug/L	6.3
1,1,2-Trichloroethane	ND	25	ug/L	4.9
Trichloroethene	ND	25	ug/L	7.3
Trichlorofluoromethane	ND	25	ug/L	2.0
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	25	ug/L	7.5
Toluene	ND	25	ug/L	5.8
Vinyl chloride	ND	25	ug/L	7.3
Xylenes (total)	**490**	**75**	**ug/L**	**15**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	106	(71 - 118)
1,2-Dichloroethane-d4	93	(64 - 135)
4-Bromofluorobenzene	102	(70 - 118)
Dibromofluoromethane	102	(70 - 128)

NOTE(S):

J Estimated result. Result is less than RL.

AECOM, Inc

Client Sample ID: MW-11D

GC/MS Semivolatiles

Lot-Sample #...:	C8L100288-008	**Work Order #...:**	K4FPG1AJ	**Matrix.....:**	WG
Date Sampled...:	12/09/08 13:00	**Date Received..:**	12/10/08 10:15	**MS Run #.....:**	8350082
Prep Date.....:	12/15/08	**Analysis Date..:**	12/19/08		
Prep Batch #...:	8350174	**Analysis Time..:**	05:17		
Dilution Factor:	0.97	**Initial Wgt/Vol:**	1030 mL	**Final Wgt/Vol..:**	10 mL
Analyst ID.....:	003200	**Instrument ID..:**	733		
		Method.....:	SW846 8270C		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	**73**	**1.9**	**ug/L**	**0.14**
Acenaphthylene	**12**	**1.9**	**ug/L**	**0.082**
Acetophenone	ND	9.7	ug/L	0.21
Anthracene	ND	1.9	ug/L	1.0
Atrazine	ND	9.7	ug/L	0.20
Benzo(a)anthracene	ND	1.9	ug/L	0.17
Benzo(a)pyrene	ND	1.9	ug/L	0.11
Benzo(b)fluoranthene	ND	1.9	ug/L	0.16
Benzo(ghi)perylene	ND	1.9	ug/L	0.14
Benzo(k)fluoranthene	ND	1.9	ug/L	0.16
Benzaldehyde	ND	9.7	ug/L	0.49
1,1'-Biphenyl	**22**	**9.7**	**ug/L**	**0.15**
bis(2-Chloroethoxy) methane	ND	9.7	ug/L	0.13
bis(2-Chloroethyl)-ether	ND	1.9	ug/L	0.26
bis(2-Ethylhexyl) phthalate	ND	9.7	ug/L	0.45
4-Bromophenyl phenyl ether	ND	9.7	ug/L	0.18
Butyl benzyl phthalate	ND	9.7	ug/L	3.0
Caprolactam	ND	48	ug/L	7.0
Carbazole	ND	1.9	ug/L	0.13
4-Chloroaniline	ND	9.7	ug/L	1.1
4-Chloro-3-methylphenol	ND	9.7	ug/L	0.25
2-Chloronaphthalene	ND	1.9	ug/L	0.15
2-Chlorophenol	ND	9.7	ug/L	0.20
4-Chlorophenyl phenyl ether	ND	9.7	ug/L	0.10
Chrysene	ND	1.9	ug/L	0.10
Dibenz(a,h)anthracene	ND	1.9	ug/L	0.12
Dibenzofuran	**0.18 J**	**9.7**	**ug/L**	**0.18**
3,3'-Dichlorobenzidine	ND	9.7	ug/L	0.35
2,4-Dichlorophenol	ND	1.9	ug/L	0.13
Diethyl phthalate	ND	9.7	ug/L	0.44
2,4-Dimethylphenol	ND	9.7	ug/L	0.078
Dimethyl phthalate	ND	9.7	ug/L	0.14

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AECOM, Inc

Client Sample ID: MW-11D

GC/MS Semivolatiles

Lot-Sample #...: C8L100288-008 Work Order #...: K4FPG1AJ Matrix.....: WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-butyl phthalate	ND	9.7	ug/L	0.29
4,6-Dinitro-2-methylphenol	ND	48	ug/L	7.6
2,4-Dinitrophenol	ND	48	ug/L	6.0
2,4-Dinitrotoluene	ND	9.7	ug/L	0.16
2,6-Dinitrotoluene	ND	9.7	ug/L	0.19
Di-n-octyl phthalate	ND	9.7	ug/L	0.15
Fluoranthene	ND	1.9	ug/L	0.097
Fluorene	ND	1.9	ug/L	0.096
Hexachlorobenzene	ND	1.9	ug/L	0.18
Hexachlorobutadiene	ND	1.9	ug/L	0.12
Hexachlorocyclopentadiene	ND	9.7	ug/L	0.11
Hexachloroethane	ND	9.7	ug/L	0.074
Indeno(1,2,3-cd)pyrene	ND	1.9	ug/L	0.16
Isophorone	ND	9.7	ug/L	0.28
2-Methylnaphthalene	ND	1.9	ug/L	0.15
2-Methylphenol	ND	9.7	ug/L	0.14
4-Methylphenol	ND	9.7	ug/L	0.17
Naphthalene	**40**	**1.9**	**ug/L**	**0.27**
2-Nitroaniline	ND	48	ug/L	0.16
3-Nitroaniline	ND	48	ug/L	0.25
4-Nitroaniline	ND	48	ug/L	0.22
Nitrobenzene	ND	1.9	ug/L	0.17
2-Nitrophenol	ND	9.7	ug/L	0.14
4-Nitrophenol	ND	48	ug/L	3.8
N-Nitrosodi-n-propylamine	ND	1.9	ug/L	0.37
N-Nitrosodiphenylamine	ND	1.9	ug/L	0.13
2,2'-oxybis(1-Chloropropane)	ND	1.9	ug/L	0.34
Pentachlorophenol	ND	9.7	ug/L	1.8
Phenanthrene	ND	1.9	ug/L	0.28
Phenol	ND	1.9	ug/L	0.23
Pyrene	ND	1.9	ug/L	0.11
2,4,5-Trichlorophenol	ND	9.7	ug/L	0.15
2,4,6-Trichlorophenol	ND	9.7	ug/L	0.088

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AECOM, Inc

Client Sample ID: MW-11D

GC/MS Semivolatiles

Lot-Sample #...: C8L100288-008 Work Order #...: K4FPG1AJ Matrix.....: WG

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	81	(33 - 122)
2-Fluorobiphenyl	69	(35 - 108)
2-Fluorophenol	56	(26 - 100)
Nitrobenzene-d5	66	(37 - 104)
Phenol-d5	60	(30 - 102)
Terphenyl-d14	73	(25 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

ARCOM, Inc

Client Sample ID: MW-11D

TOTAL Metals

Lot-Sample #...: C8L100288-008 Matrix.....: WG
Date Sampled...: 12/09/08 Date Received..: 12/10/08

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8346399						
Silver	4.1 B J	5.0	ug/L	SW846 6010B	12/11-12/27/08	K4FPG1AK
		Dilution Factor: 1		Analysis Time..: 13:35	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 0.54	
Aluminum	40.2 B J	200	ug/L	SW846 6010B	12/11-12/27/08	K4FPG1AL
		Dilution Factor: 1		Analysis Time..: 13:35	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 16.2	
Arsenic	ND	10.0	ug/L	SW846 6010B	12/11-12/27/08	K4FPG1AM
		Dilution Factor: 1		Analysis Time..: 13:35	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 2.0	
Barium	~~139 B~~ 2.0 U	200	ug/L	SW846 6010B	12/11-12/27/08	K4FPG1AN
		Dilution Factor: 1		Analysis Time..: 13:35	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 0.26	
Beryllium	ND	4.0	ug/L	SW846 6010B	12/11-12/27/08	K4FPG1AP
		Dilution Factor: 1		Analysis Time..: 13:35	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 0.18	
Calcium	165000 J	5000	ug/L	SW846 6010B	12/11-12/27/08	K4FPG1AQ
		Dilution Factor: 1		Analysis Time..: 13:35	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 17.7	
Cadmium	ND	5.0	ug/L	SW846 6010B	12/11-12/27/08	K4FPG1AR
		Dilution Factor: 1		Analysis Time..: 13:35	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 0.21	
Cobalt	~~6.0 B~~ 5.0 U	50.0	ug/L	SW846 6010B	12/11-12/27/08	K4FPG1AT
		Dilution Factor: 1		Analysis Time..: 13:35	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 0.45	
Chromium	3.3 B J	5.0	ug/L	SW846 6010B	12/11-12/27/08	K4FPG1AU
		Dilution Factor: 1		Analysis Time..: 13:35	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 1.1	

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AECOM, Inc

Client Sample ID: MW-11D

TOTAL Metals

Lot-Sample #...: C8L100288-008 Matrix.....: WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Copper	ND	25.0	ug/L	SW846 6010B	12/11-12/27/08	K4FPG1AV
		Dilution Factor: 1		Analysis Time..: 13:35	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 4.6	
Iron	458	100	ug/L	SW846 6010B	12/11-12/27/08	K4FPG1AW
		Dilution Factor: 1		Analysis Time..: 13:35	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 8.4	
Potassium	12600	5000	ug/L	SW846 6010B	12/11-12/27/08	K4FPG1AX
		Dilution Factor: 1		Analysis Time..: 13:35	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 750	
Magnesium	38600	5000	ug/L	SW846 6010B	12/11-12/27/08	K4FPG1A0
		Dilution Factor: 1		Analysis Time..: 13:35	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 21.8	
Manganese	12800	15.0	ug/L	SW846 6010B	12/11-12/27/08	K4FPG1A1
		Dilution Factor: 1		Analysis Time..: 13:35	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 0.57	
Sodium	132000	5000	ug/L	SW846 6010B	12/11-12/27/08	K4FPG1A2
		Dilution Factor: 1		Analysis Time..: 13:35	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 145	
Nickel	~~6.5 B~~ 40.0 U	40.0	ug/L	SW846 6010B	12/11-12/27/08	K4FPG1A3
		Dilution Factor: 1		Analysis Time..: 13:35	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 0.78	
Lead	ND	3.0	ug/L	SW846 6010B	12/11-12/27/08	K4FPG1A4
		Dilution Factor: 1		Analysis Time..: 13:35	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 1.7	
Selenium	ND	5.0	ug/L	SW846 6010B	12/11-12/27/08	K4FPG1A5
		Dilution Factor: 1		Analysis Time..: 13:35	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 2.9	
Thallium	ND	10.0	ug/L	SW846 6010B	12/11-12/27/08	K4FPG1AA
		Dilution Factor: 1		Analysis Time..: 13:35	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 2.8	

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AECOM, Inc

Client Sample ID: MW-11D

TOTAL Metals

Lot-Sample #...: C8L100288-008 Matrix.....: WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	ND	10.0	ug/L	SW846 6010B	12/11-12/27/08	K4FPG1AC
		Dilution Factor: 1		Analysis Time..: 13:35	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 1.8	
Vanadium	2.7 B	50.0	ug/L	SW846 6010B	12/11-12/27/08	K4FPG1AD
		Dilution Factor: 1		Analysis Time..: 13:35	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 2.4	
Zinc	~~8.6 B,J~~ 20.0 U	20.0	ug/L	SW846 6010B	12/11-12/27/08	K4FPG1AE
		Dilution Factor: 1		Analysis Time..: 13:35	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 3.1	
Prep Batch #...: 8357029						
Mercury	ND	0.20	ug/L	SW846 7470A	12/22/08	K4FPG1AF
		Dilution Factor: 1		Analysis Time..: 09:28	Analyst ID.....: 031043	
		Instrument ID..: HGHYDRA		MS Run #.....: 8357022	MDL.....: 0.016	

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.

AECOM, Inc

Client Sample ID: MW-15D

GC/MS Volatiles

Lot-Sample #...: C8L120342-009	Work Order #...: K4MV31AH	Matrix.....: WG
Date Sampled...: 12/11/08	Date Received..: 12/12/08	MS Run #.....: 8358359
Prep Date.....: 12/23/08	Analysis Date..: 12/24/08	
Prep Batch #...: 8358632	Analysis Time..: 01:39	
Dilution Factor: 1	Initial Wgt/Vol: 5 mL	Final Wgt/Vol..: 5 mL
Analyst ID.....: 403794	Instrument ID..: HP5	
	Method.....: SW846 8260B	

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	5.0	ug/L	2.5
Benzene	**4.6**	**1.0**	**ug/L**	**0.27**
Bromodichloromethane	ND	1.0	ug/L	0.20
Bromoform	ND	1.0	ug/L	0.25
Bromomethane	ND	1.0	ug/L	0.30
2-Butanone	ND	5.0	ug/L	0.50
Carbon disulfide	ND	1.0	ug/L	0.20
Carbon tetrachloride	ND	1.0	ug/L	0.30
Chlorobenzene	ND	1.0	ug/L	0.23
Chloroethane	ND	1.0	ug/L	0.25
Chloroform	**0.36 J**	**1.0**	**ug/L**	**0.24**
Chloromethane	ND	1.0	ug/L	0.27
Cyclohexane	ND	1.0	ug/L	0.30
Dibromochloromethane	ND	1.0	ug/L	0.16
1,2-Dibromo-3-chloro-propane	ND	1.0	ug/L	0.24
1,2-Dibromoethane	ND	1.0	ug/L	0.23
1,3-Dichlorobenzene	ND	1.0	ug/L	0.16
1,4-Dichlorobenzene	ND	1.0	ug/L	0.18
1,2-Dichlorobenzene	ND	1.0	ug/L	0.22
Dichlorodifluoromethane	ND LC UJ	1.0	ug/L	0.26
1,1-Dichloroethane	ND	1.0	ug/L	0.24
1,2-Dichloroethane	ND	1.0	ug/L	0.21
1,1-Dichloroethene	ND	1.0	ug/L	0.28
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.27
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.27
1,2-Dichloropropane	ND	1.0	ug/L	0.18
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.19
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.18
Ethylbenzene	**0.25 J**	**1.0**	**ug/L**	**0.18**
2-Hexanone	ND	5.0	ug/L	0.53
Isopropylbenzene	ND	1.0	ug/L	0.22
Methyl acetate	ND	1.0	ug/L	0.10
Methylene chloride	ND	1.0	ug/L	0.32
Methylcyclohexane	ND	1.0	ug/L	0.32
4-Methyl-2-pentanone	ND	5.0	ug/L	0.23
Methyl tert-butyl ether	**0.28 J**	**1.0**	**ug/L**	**0.20**

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AECOM, Inc

Client Sample ID: MW-15D

GC/MS Volatiles

Lot-Sample #...: C8L120342-009 Work Order #...: K4MV31AH Matrix.....: WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Styrene	ND	1.0	ug/L	0.22
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.15
1,2,4-Trichloro-benzene	ND	1.0	ug/L	0.15
Tetrachloroethene	ND	1.0	ug/L	0.24
1,1,1-Trichloroethane	ND	1.0	ug/L	0.25
1,1,2-Trichloroethane	ND	1.0	ug/L	0.20
Trichloroethene	ND	1.0	ug/L	0.29
Trichlorofluoromethane	ND	1.0	ug/L	0.080
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L	0.30
Toluene	~~**0.23 J**~~ 1.0U	**1.0**	**ug/L**	**0.23**
Vinyl chloride	ND	1.0	ug/L	0.29
Xylenes (total)	**0.82 J**	**3.0**	**ug/L**	**0.62**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	99	(71 - 118)
1,2-Dichloroethane-d4	92	(64 - 135)
4-Bromofluorobenzene	103	(70 - 118)
Dibromofluoromethane	96	(70 - 128)

NOTE(S):

J Estimated result. Result is less than RL.

AECOM, Inc

Client Sample ID: MW-15D

GC/MS Semivolatiles

Lot-Sample #...:	C8L120342-009	**Work Order #...:**	K4MV31AJ	**Matrix.....:**	WG
Date Sampled...:	12/11/08 10:23	**Date Received..:**	12/12/08 10:00	**MS Run #.....:**	
Prep Date.....:	12/18/08	**Analysis Date..:**	12/22/08		
Prep Batch #...:	8354035	**Analysis Time..:**	09:19		
Dilution Factor:	1.03	**Initial Wgt/Vol:**	970 mL	**Final Wgt/Vol..:**	10 mL
Analyst ID.....:	003200	**Instrument ID..:**	731		
		Method.....:	SW846 8270C		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	**0.67 J**	**2.1**	**ug/L**	**0.15**
Acenaphthylene	ND	2.1	ug/L	0.087
Acetophenone	ND	10	ug/L	0.23
Anthracene	ND	2.1	ug/L	1.1
Atrazine	ND	10	ug/L	0.21
Benzo(a)anthracene	ND	2.1	ug/L	0.18
Benzo(a)pyrene	ND	2.1	ug/L	0.12
Benzo(b)fluoranthene	ND	2.1	ug/L	0.17
Benzo(ghi)perylene	ND	2.1	ug/L	0.15
Benzo(k)fluoranthene	ND	2.1	ug/L	0.17
Benzaldehyde	ND	10	ug/L	0.52
1,1'-Biphenyl	**0.23 J**	**10**	**ug/L**	**0.16**
bis(2-Chloroethoxy) methane	ND	10	ug/L	0.14
bis(2-Chloroethyl)-ether	ND	2.1	ug/L	0.27
bis(2-Ethylhexyl) phthalate	ND	10	ug/L	0.48
4-Bromophenyl phenyl ether	ND	10	ug/L	0.19
Butyl benzyl phthalate	ND	10	ug/L	3.2
Caprolactam	ND	52	ug/L	7.4
Carbazole	**0.61 J**	**2.1**	**ug/L**	**0.14**
4-Chloroaniline	ND	10	ug/L	1.1
4-Chloro-3-methylphenol	ND	10	ug/L	0.26
2-Chloronaphthalene	ND	2.1	ug/L	0.16
2-Chlorophenol	ND	10	ug/L	0.22
4-Chlorophenyl phenyl ether	ND	10	ug/L	0.11
Chrysene	ND	2.1	ug/L	0.11
Dibenz(a,h)anthracene	ND	2.1	ug/L	0.13
Dibenzofuran	**0.45 J**	**10**	**ug/L**	**0.19**
3,3'-Dichlorobenzidine	ND	10	ug/L	0.37
2,4-Dichlorophenol	ND	2.1	ug/L	0.14
Diethyl phthalate	ND	10	ug/L	0.46
2,4-Dimethylphenol	ND	10	ug/L	0.083
Dimethyl phthalate	ND	10	ug/L	0.14

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AECOM, Inc

Client Sample ID: MW-15D

GC/MS Semivolatiles

Lot-Sample #...: C8L120342-009 Work Order #...: K4MV31AJ Matrix.....: WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-butyl phthalate	ND	10	ug/L	0.31
4,6-Dinitro-2-methylphenol	ND	52	ug/L	8.0
2,4-Dinitrophenol	ND 52 UJ	52	ug/L	6.3
2,4-Dinitrotoluene	ND	10	ug/L	0.17
2,6-Dinitrotoluene	ND	10	ug/L	0.20
Di-n-octyl phthalate	ND	10	ug/L	0.16
Fluoranthene	**0.46 J**	**2.1**	**ug/L**	**0.10**
Fluorene	**0.63 J**	**2.1**	**ug/L**	**0.10**
Hexachlorobenzene	ND	2.1	ug/L	0.19
Hexachlorobutadiene	ND	2.1	ug/L	0.13
Hexachlorocyclopentadiene	ND	10	ug/L	0.12
Hexachloroethane	ND	10	ug/L	0.079
Indeno(1,2,3-cd)pyrene	ND	2.1	ug/L	0.17
Isophorone	ND	10	ug/L	0.30
2-Methylnaphthalene	**0.20 J**	**2.1**	**ug/L**	**0.16**
2-Methylphenol	ND	10	ug/L	0.14
4-Methylphenol	ND	10	ug/L	0.18
Naphthalene	**1.0 J**	**2.1**	**ug/L**	**0.29**
2-Nitroaniline	ND	52	ug/L	0.17
3-Nitroaniline	ND	52	ug/L	0.27
4-Nitroaniline	ND	52	ug/L	0.23
Nitrobenzene	ND	2.1	ug/L	0.19
2-Nitrophenol	ND	10	ug/L	0.14
4-Nitrophenol	ND	52	ug/L	4.0
N-Nitrosodi-n-propylamine	ND	2.1	ug/L	0.40
N-Nitrosodiphenylamine	ND	2.1	ug/L	0.14
2,2'-oxybis(1-Chloropropane)	ND	2.1	ug/L	0.36
Pentachlorophenol	ND	10	ug/L	1.9
Phenanthrene	**0.53 J**	**2.1**	**ug/L**	**0.29**
Phenol	ND	2.1	ug/L	0.24
Pyrene	**0.34 J**	**2.1**	**ug/L**	**0.11**
2,4,5-Trichlorophenol	ND	10	ug/L	0.16
2,4,6-Trichlorophenol	ND	10	ug/L	0.094

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AECOM, Inc

Client Sample ID: MW-15D

GC/MS Semivolatiles

Lot-Sample #...: C8L120342-009 Work Order #...: K4MV31AJ Matrix.....: WG

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	61	(33 - 122)
2-Fluorobiphenyl	74	(35 - 108)
2-Fluorophenol	65	(26 - 100)
Nitrobenzene-d5	73	(37 - 104)
Phenol-d5	65	(30 - 102)
Terphenyl-d14	78	(25 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

AECOM, Inc

Client Sample ID: MW-15D

TOTAL Metals

Lot-Sample #...: C8L120342-009 Matrix.....: WG
Date Sampled...: 12/11/08 Date Received..: 12/12/08

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8351456						
Silver	0.69 B	5.0	ug/L	SW846 6010B	12/16-01/01/09	K4MV31AK
		Dilution Factor: 1		Analysis Time..: 02:26	Analyst ID.....: 400491	
		Instrument ID..: TRACEICP		MS Run #.....: 8351266	MDL.....: 0.54	
Aluminum	40.6 B J	200	ug/L	SW846 6010B	12/16-01/01/09	K4MV31AL
		Dilution Factor: 1		Analysis Time..: 02:26	Analyst ID.....: 400491	
		Instrument ID..: TRACEICP		MS Run #.....: 8351266	MDL.....: 16.2	
Arsenic	ND	10.0	ug/L	SW846 6010B	12/16-01/01/09	K4MV31AM
		Dilution Factor: 1		Analysis Time..: 02:26	Analyst ID.....: 400491	
		Instrument ID..: TRACEICP		MS Run #.....: 8351266	MDL.....: 2.0	
Barium	103 B J	200	ug/L	SW846 6010B	12/16-01/01/09	K4MV31AN
		Dilution Factor: 1		Analysis Time..: 02:26	Analyst ID.....: 400491	
		Instrument ID..: TRACEICP		MS Run #.....: 8351266	MDL.....: 0.26	
Beryllium	ND	4.0	ug/L	SW846 6010B	12/16-01/01/09	K4MV31AP
		Dilution Factor: 1		Analysis Time..: 02:26	Analyst ID.....: 400491	
		Instrument ID..: TRACEICP		MS Run #.....: 8351266	MDL.....: 0.18	
Calcium	198000 J	5000	ug/L	SW846 6010B	12/16-01/01/09	K4MV31AQ
		Dilution Factor: 1		Analysis Time..: 02:26	Analyst ID.....: 400491	
		Instrument ID..: TRACEICP		MS Run #.....: 8351266	MDL.....: 17.7	
Cadmium	ND	5.0	ug/L	SW846 6010B	12/16-01/01/09	K4MV31AR
		Dilution Factor: 1		Analysis Time..: 02:26	Analyst ID.....: 400491	
		Instrument ID..: TRACEICP		MS Run #.....: 8351266	MDL.....: 0.21	
Cobalt	ND	50.0	ug/L	SW846 6010B	12/16-01/01/09	K4MV31AT
		Dilution Factor: 1		Analysis Time..: 02:26	Analyst ID.....: 400491	
		Instrument ID..: TRACEICP		MS Run #.....: 8351266	MDL.....: 0.45	
Chromium	ND	5.0	ug/L	SW846 6010B	12/16-01/01/09	K4MV31AU
		Dilution Factor: 1		Analysis Time..: 02:26	Analyst ID.....: 400491	
		Instrument ID..: TRACEICP		MS Run #.....: 8351266	MDL.....: 1.1	

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AECOM, Inc

Client Sample ID: MW-15D

TOTAL Metals

Lot-Sample #...: C8L120342-009 Matrix.....: WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Copper	ND	25.0	ug/L	SW846 6010B	12/16-01/01/09	K4MV31AV
		Dilution Factor: 1		Analysis Time..: 02:26	Analyst ID.....: 400491	
		Instrument ID..: TRACEICP		MS Run #.....: 8351266	MDL.....: 4.6	
Iron	827	100	ug/L	SW846 6010B	12/16-01/01/09	K4MV31AW
		Dilution Factor: 1		Analysis Time..: 02:26	Analyst ID.....: 400491	
		Instrument ID..: TRACEICP		MS Run #.....: 8351266	MDL.....: 8.4	
Potassium	11800	5000	ug/L	SW846 6010B	12/16-01/01/09	K4MV31AX
		Dilution Factor: 1		Analysis Time..: 02:26	Analyst ID.....: 400491	
		Instrument ID..: TRACEICP		MS Run #.....: 8351266	MDL.....: 750	
Magnesium	34800	5000	ug/L	SW846 6010B	12/16-01/01/09	K4MV31A0
		Dilution Factor: 1		Analysis Time..: 02:26	Analyst ID.....: 400491	
		Instrument ID..: TRACEICP		MS Run #.....: 8351266	MDL.....: 21.8	
Manganese	1470	15.0	ug/L	SW846 6010B	12/16-01/01/09	K4MV31A1
		Dilution Factor: 1		Analysis Time..: 02:26	Analyst ID.....: 400491	
		Instrument ID..: TRACEICP		MS Run #.....: 8351266	MDL.....: 0.57	
Sodium	146000	5000	ug/L	SW846 6010B	12/16-01/01/09	K4MV31A2
		Dilution Factor: 1		Analysis Time..: 02:26	Analyst ID.....: 400491	
		Instrument ID..: TRACEICP		MS Run #.....: 8351266	MDL.....: 145	
Nickel	2.0 B J	40.0	ug/L	SW846 6010B	12/16-01/01/09	K4MV31A3
		Dilution Factor: 1		Analysis Time..: 02:26	Analyst ID.....: 400491	
		Instrument ID..: TRACEICP		MS Run #.....: 8351266	MDL.....: 0.78	
Lead	ND	3.0	ug/L	SW846 6010B	12/16-01/01/09	K4MV31A4
		Dilution Factor: 1		Analysis Time..: 02:26	Analyst ID.....: 400491	
		Instrument ID..: TRACEICP		MS Run #.....: 8351266	MDL.....: 1.7	
Selenium	ND	5.0	ug/L	SW846 6010B	12/16-01/01/09	K4MV31A5
		Dilution Factor: 1		Analysis Time..: 02:26	Analyst ID.....: 400491	
		Instrument ID..: TRACEICP		MS Run #.....: 8351266	MDL.....: 2.9	
Thallium	ND	10.0	ug/L	SW846 6010B	12/16-01/01/09	K4MV31AA
		Dilution Factor: 1		Analysis Time..: 02:26	Analyst ID.....: 400491	
		Instrument ID..: TRACEICP		MS Run #.....: 8351266	MDL.....: 2.8	

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AECOM, Inc

Client Sample ID: MW-15D

TOTAL Metals

Lot-Sample #...: C8L120342-009 Matrix.....: WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	ND	10.0	ug/L	SW846 6010B	12/16-01/01/09	K4MV31AC
		Dilution Factor: 1		Analysis Time..: 02:26	Analyst ID.....: 400491	
		Instrument ID..: TRACEICP		MS Run #.....: 8351266	MDL.....: 1.8	
Vanadium	ND	50.0	ug/L	SW846 6010B	12/16-01/01/09	K4MV31AD
		Dilution Factor: 1		Analysis Time..: 02:26	Analyst ID.....: 400491	
		Instrument ID..: TRACEICP		MS Run #.....: 8351266	MDL.....: 2.4	
Zinc	~~6.0 B,J~~ 20.0	**20.0**	ug/L	SW846 6010B	12/16-01/01/09	K4MV31AK
		Dilution Factor: 1		Analysis Time..: 02:26	Analyst ID.....: 400491	
		Instrument ID..: TRACEICP		MS Run #.....: 8351266	MDL.....: 3.1	
Prep Batch #...: 8365023						
Mercury	ND	0.20	ug/L	SW846 7470A	12/30/08	K4MV31AF
		Dilution Factor: 1		Analysis Time..: 10:41	Analyst ID.....: 031043	
		Instrument ID..: HGHYDRA		MS Run #.....: 8365013	MDL.....: 0.016	

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.

AECOM, Inc

Client Sample ID: TRIP BLANK 120908

GC/MS Volatiles

Lot-Sample #...:	C8L100288-010	**Work Order #...:**	K4FPM1AA	**Matrix.....:**	WQ
Date Sampled...:	12/09/08	**Date Received..:**	12/10/08	**MS Run #.....:**	8352329
Prep Date.....:	12/17/08	**Analysis Date..:**	12/17/08		
Prep Batch #...:	8352472	**Analysis Time..:**	16:38		
Dilution Factor:	1	**Initial Wgt/Vol:**	5 mL	**Final Wgt/Vol..:**	5 mL
Analyst ID.....:	403794	**Instrument ID..:**	HP5		
		Method.....:	SW846 8260B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	5.0	ug/L	2.5
Benzene	ND	1.0	ug/L	0.27
Bromodichloromethane	ND	1.0	ug/L	0.20
Bromoform	ND	1.0	ug/L	0.25
Bromomethane	ND	1.0	ug/L	0.30
2-Butanone	ND	5.0	ug/L	0.50
Carbon disulfide	ND	1.0	ug/L	0.20
Carbon tetrachloride	ND	1.0	ug/L	0.30
Chlorobenzene	ND	1.0	ug/L	0.23
Chloroethane	ND	1.0	ug/L	0.25
Chloroform	ND	1.0	ug/L	0.24
Chloromethane	ND	1.0	ug/L	0.27
Cyclohexane	ND	1.0	ug/L	0.30
Dibromochloromethane	ND	1.0	ug/L	0.16
1,2-Dibromo-3-chloro-propane	ND	1.0	ug/L	0.24
1,2-Dibromoethane	ND	1.0	ug/L	0.23
1,3-Dichlorobenzene	ND	1.0	ug/L	0.16
1,4-Dichlorobenzene	ND	1.0	ug/L	0.18
1,2-Dichlorobenzene	ND	1.0	ug/L	0.22
Dichlorodifluoromethane	ND	1.0	ug/L	0.26
1,1-Dichloroethane	ND	1.0	ug/L	0.24
1,2-Dichloroethane	ND	1.0	ug/L	0.21
1,1-Dichloroethene	ND	1.0	ug/L	0.28
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.27
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.27
1,2-Dichloropropane	ND	1.0	ug/L	0.18
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.19
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.18
Ethylbenzene	ND	1.0	ug/L	0.18
2-Hexanone	ND	5.0	ug/L	0.53
Isopropylbenzene	ND	1.0	ug/L	0.22
Methyl acetate	ND	1.0	ug/L	0.10
Methylene chloride	**0.42 J**	**1.0**	**ug/L**	**0.32**
Methylcyclohexane	ND	1.0	ug/L	0.32
4-Methyl-2-pentanone	ND	5.0	ug/L	0.23
Methyl tert-butyl ether	ND	1.0	ug/L	0.20

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AECOM, Inc

Client Sample ID: TRIP BLANK 120908

GC/MS Volatiles

Lot-Sample #...: C8L100288-010 Work Order #...: K4FPM1AA Matrix.....: WQ

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Styrene	ND	1.0	ug/L	0.22
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.15
1,2,4-Trichloro-benzene	ND	1.0	ug/L	0.15
Tetrachloroethene	ND	1.0	ug/L	0.24
1,1,1-Trichloroethane	ND	1.0	ug/L	0.25
1,1,2-Trichloroethane	ND	1.0	ug/L	0.20
Trichloroethene	ND	1.0	ug/L	0.29
Trichlorofluoromethane	ND	1.0	ug/L	0.080
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L	0.30
Toluene	ND	1.0	ug/L	0.23
Vinyl chloride	ND	1.0	ug/L	0.29
Xylenes (total)	ND	3.0	ug/L	0.62

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	106	(71 - 118)
1,2-Dichloroethane-d4	95	(64 - 135)
4-Bromofluorobenzene	106	(70 - 118)
Dibromofluoromethane	101	(70 - 128)

NOTE(S):

J Estimated result. Result is less than RL.

AECOM, Inc

Client Sample ID: TRIP BLANK

GC/MS Volatiles

Lot-Sample #...:	C8L120342-001	Work Order #...:	K4MVP1AA	Matrix.....:	WQ
Date Sampled...:	12/11/08	Date Received..:	12/12/08	MS Run #.....:	8356026
Prep Date.....:	12/21/08	Analysis Date..:	12/21/08		
Prep Batch #...:	8356033	Analysis Time..:	17:29		
Dilution Factor:	1	Initial Wgt/Vol:	5 mL	Final Wgt/Vol..:	5 mL
Analyst ID.....:	001562	Instrument ID..:	HP6		
		Method.....:	SW846 8260B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	**2.8 J**	**5.0**	**ug/L**	**2.5**
Benzene	ND	1.0	ug/L	0.27
Bromodichloromethane	ND	1.0	ug/L	0.20
Bromoform	ND	1.0	ug/L	0.25
Bromomethane	ND	1.0	ug/L	0.30
2-Butanone	ND	5.0	ug/L	0.50
Carbon disulfide	ND	1.0	ug/L	0.20
Carbon tetrachloride	ND	1.0	ug/L	0.30
Chlorobenzene	ND	1.0	ug/L	0.23
Chloroethane	ND	1.0	ug/L	0.25
Chloroform	ND	1.0	ug/L	0.24
Chloromethane	ND	1.0	ug/L	0.27
Cyclohexane	ND	1.0	ug/L	0.30
Dibromochloromethane	ND	1.0	ug/L	0.16
1,2-Dibromo-3-chloro-propane	ND	1.0	ug/L	0.24
1,2-Dibromoethane	ND	1.0	ug/L	0.23
1,3-Dichlorobenzene	ND	1.0	ug/L	0.16
1,4-Dichlorobenzene	ND	1.0	ug/L	0.18
1,2-Dichlorobenzene	ND	1.0	ug/L	0.22
Dichlorodifluoromethane	ND	1.0	ug/L	0.26
1,1-Dichloroethane	ND	1.0	ug/L	0.24
1,2-Dichloroethane	ND	1.0	ug/L	0.21
1,1-Dichloroethene	ND	1.0	ug/L	0.28
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.27
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.27
1,2-Dichloropropane	ND	1.0	ug/L	0.18
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.19
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.18
Ethylbenzene	ND	1.0	ug/L	0.18
2-Hexanone	ND	5.0	ug/L	0.53
Isopropylbenzene	ND	1.0	ug/L	0.22
Methyl acetate	ND	1.0	ug/L	0.10
Methylene chloride	ND	1.0	ug/L	0.32
Methylcyclohexane	ND	1.0	ug/L	0.32
4-Methyl-2-pentanone	ND	5.0	ug/L	0.23
Methyl tert-butyl ether	ND	1.0	ug/L	0.20

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AECOM, Inc

Client Sample ID: TRIP BLANK

GC/MS Volatiles

Lot-Sample #...: C8L110371-010	**Work Order #...:** K4J3K1AA	**Matrix.....:** WQ
Date Sampled...: 12/10/08	**Date Received..:** 12/11/08	**MS Run #.....:** 8355042
Prep Date.....: 12/20/08	**Analysis Date..:** 12/20/08	
Prep Batch #...: 8355067	**Analysis Time..:** 18:18	
Dilution Factor: 1	**Initial Wgt/Vol:** 5 mL	**Final Wgt/Vol..:** 5 mL
Analyst ID.....: 403794	**Instrument ID..:** HP5	
	Method.....: SW846 8260B	

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	5.0	ug/L	2.5
Benzene	ND	1.0	ug/L	0.27
Bromodichloromethane	ND	1.0	ug/L	0.20
Bromoform	ND	1.0	ug/L	0.25
Bromomethane	ND	1.0	ug/L	0.30
2-Butanone	ND	5.0	ug/L	0.50
Carbon disulfide	ND	1.0	ug/L	0.20
Carbon tetrachloride	ND	1.0	ug/L	0.30
Chlorobenzene	ND	1.0	ug/L	0.23
Chloroethane	ND	1.0	ug/L	0.25
Chloroform	ND	1.0	ug/L	0.24
Chloromethane	ND	1.0	ug/L	0.27
Cyclohexane	ND	1.0	ug/L	0.30
Dibromochloromethane	ND	1.0	ug/L	0.16
1,2-Dibromo-3-chloro-propane	ND	1.0	ug/L	0.24
1,2-Dibromoethane	ND	1.0	ug/L	0.23
1,3-Dichlorobenzene	ND	1.0	ug/L	0.16
1,4-Dichlorobenzene	ND	1.0	ug/L	0.18
1,2-Dichlorobenzene	ND	1.0	ug/L	0.22
Dichlorodifluoromethane	ND	1.0	ug/L	0.26
1,1-Dichloroethane	ND	1.0	ug/L	0.24
1,2-Dichloroethane	ND	1.0	ug/L	0.21
1,1-Dichloroethene	ND	1.0	ug/L	0.28
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.27
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.27
1,2-Dichloropropane	ND	1.0	ug/L	0.18
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.19
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.18
Ethylbenzene	ND	1.0	ug/L	0.18
2-Hexanone	ND	5.0	ug/L	0.53
Isopropylbenzene	ND	1.0	ug/L	0.22
Methyl acetate	ND	1.0	ug/L	0.10
Methylene chloride	ND	1.0	ug/L	0.32
Methylcyclohexane	ND	1.0	ug/L	0.32
4-Methyl-2-pentanone	ND	5.0	ug/L	0.23
Methyl tert-butyl ether	ND	1.0	ug/L	0.20

(Continued on next page)

AECOM, Inc

Client Sample ID: TRIP BLANK

GC/MS Volatiles

Lot-Sample #...: C8L110371-010 Work Order #...: K4J3K1AA Matrix.....: WQ

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Styrene	ND	1.0	ug/L	0.22
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.15
1,2,4-Trichloro-benzene	ND	1.0	ug/L	0.15
Tetrachloroethene	ND	1.0	ug/L	0.24
1,1,1-Trichloroethane	ND	1.0	ug/L	0.25
1,1,2-Trichloroethane	ND	1.0	ug/L	0.20
Trichloroethene	ND	1.0	ug/L	0.29
Trichlorofluoromethane	ND	1.0	ug/L	0.080
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L	0.30
Toluene	ND	1.0	ug/L	0.23
Vinyl chloride	ND	1.0	ug/L	0.29
Xylenes (total)	ND	3.0	ug/L	0.62

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	106	(71 - 118)
1,2-Dichloroethane-d4	101	(64 - 135)
4-Bromofluorobenzene	103	(70 - 118)
Dibromofluoromethane	103	(70 - 128)

ENSR, Schenectady RI

Cyanide, Total

Lab Name:	TESTAMERICA PITTSBURGH	**Method:**	SW846 9012A
Client Name:	AECOM, Inc	**Lot Number:**	C8L100288
Matrix:	WG		

Distillation procedure

Client Sample ID	Sample Number	Workorder	Result	Units	Min. Detection Limit	Reporting Limit	Dilution Factor	Prep Date - Analysis Date/Time	QC Batch
MW-4	C8L100288 001	K4FMX1A5	81.5	ug/L	1.7	10.0	1	12/15/2008 - 12/15/2008 15:29	8350246
MW-1	C8L100288 002	K4FM71AG	36.1	ug/L	1.7	10.0	1	12/15/2008 - 12/15/2008 15:29	8350246
MW-1D	C8L100288 003	K4FM91AG	90.9	ug/L	1.7	10.0	1	12/15/2008 - 12/15/2008 15:29	8350246
MW-10	C8L100288 004	K4FNA1AG	5.7 B J	ug/L	1.7	10.0	1	12/15/2008 - 12/15/2008 15:29	8350246
MW-2	C8L100288 005	K4FNG1AG	2.9 B J	ug/L	1.7	10.0	1	12/15/2008 - 12/15/2008 15:29	8350246
MW-3	C8L100288 006	K4FPE1AG	17.6	ug/L	1.7	10.0	1	12/15/2008 - 12/15/2008 15:36	8350246
MW-5	C8L100288 007	K4FPF1AG	ND	ug/L	1.7	10.0	1	12/15/2008 - 12/15/2008 15:36	8350246
MW-11D	C8L100288 008	K4FPG1AG	6.3 B J	ug/L	1.7	10.0	1	12/15/2008 - 12/15/2008 15:36	8350246
MW-6	C8L100288 009	K4FPJ1A4	ND	ug/L	1.7	10.0	1	12/15/2008 - 12/15/2008 15:36	8350246

ENSR, Schenectady RI

Cyanide, Total

Lab Name:	TESTAMERICA PITTSBURGH	**Method:**	SW846 9012A
Client Name:	AECOM, Inc	**Lot Number:**	C8L110371
Matrix:	WG		

Distillation procedure

Client Sample ID	Sample Number	Workorder	Result	Units	Min. Detection Limit	Reporting Limit	Dilution Factor	Prep Date - Analysis Date/Time	QC Batch
MW-12	C8L110371 002	K4J251A5	ND	ug/L	1.7	10.0	1	12/17/2008 - 12/17/2008 14:10	8352114
MW-12D	C8L110371 003	K4J281A5	26.2	ug/L	1.7	10.0	1	12/17/2008 - 12/17/2008 14:18	8352114
MW-7D	C8L110371 004	K4J291A5	16.7	ug/L	1.7	10.0	1	12/17/2008 - 12/17/2008 14:18	8352114
MW-7	C8L110371 005	K4J3A1A5	20.1	ug/L	1.7	10.0	1	12/17/2008 - 12/17/2008 14:18	8352114
CTM-14	C8L110371 006	K4J3C1A5	147	ug/L	1.7	10.0	1	12/17/2008 - 12/17/2008 14:18	8352114
CTM-MW-1	C8L110371 007	K4J3D1A5	53.4	ug/L	1.7	10.0	1	12/17/2008 - 12/17/2008 14:18	8352114
MW-9	C8L110371 008	K4J3H1A5	119	ug/L	1.7	10.0	1	12/17/2008 - 12/17/2008 14:18	8352114
MW-13D	C8L110371 009	K4J3J1A5	14.5	ug/L	1.7	10.0	1	12/17/2008 - 12/17/2008 14:18	8352114
MW-16D	C8L110371 011	K4J3L1A5	34.7	ug/L	1.7	10.0	1	12/17/2008 - 12/17/2008 14:25	8352114
MW-1600D	C8L110371 012	K4J3M1A5	36.1	ug/L	1.7	10.0	1	12/17/2008 - 12/17/2008 14:25	8352114

ENSR, Schenectady RI

Cyanide, Total

Lab Name:	TESTAMERICA PITTSBURGH	**Method:**	SW846 9012A
Client Name:	AECOM, Inc	**Lot Number:**	C8L120342
Matrix:	WG		

Distillation procedure

Client Sample ID	Sample Number	Workorder	Result	Units	Min. Detection Limit	Reporting Limit	Dilution Factor	Prep Date - Analysis Date/Time	QC Batch
MW-14D	C8L120342 002	K4MVQ1A5	3.2 B J	ug/L	1.7	10.0	1	12/17/2008 - 12/17/2008 14:33	8352115
MW-14	C8L120342 003	K4MVR1AG	5.7 B J	ug/L	1.7	10.0	1	12/17/2008 - 12/17/2008 14:33	8352115
MW-1400	C8L120342 004	K4MVT1AG	5.7 B J	ug/L	1.7	10.0	1	12/17/2008 - 12/17/2008 14:33	8352115
MW-8	C8L120342 005	K4MVX1AG	178	ug/L	1.7	10.0	1	12/17/2008 - 12/17/2008 14:33	8352115
MW-8D	C8L120342 006	K4MV01AG	110	ug/L	1.7	10.0	1	12/17/2008 - 12/17/2008 14:33	8352115
CTM-1	C8L120342 007	K4MV11AG	26.7	ug/L	1.7	10.0	1	12/17/2008 - 12/17/2008 14:33	8352115
CTM-15	C8L120342 008	K4MV21AG	226	ug/L	1.7	10.0	1	12/17/2008 - 12/17/2008 14:36	8352115
MW-15D	C8L120342 009	K4MV31AG	55.2	ug/L	1.7	10.0	1	12/17/2008 - 12/17/2008 14:36	8352115

2008 Soil Vapor Results

Air Toxics LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: Amb-1 (08)

Lab ID#: 0803685A-03A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**z041113**	**Date of Collection:**	**3/28/08**
Dil. Factor:	**1.46**	**Date of Analysis:**	**4/11/08 11:28 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.15	0.60	0.72	2.9
Freon 114	0.15	Not Detected	1.0	Not Detected
Chloromethane	0.15	0.61	0.30	1.3
Vinyl Chloride	0.15	Not Detected	0.37	Not Detected
Bromomethane	0.15	Not Detected	0.57	Not Detected
Chloroethane	0.15	Not Detected	0.38	Not Detected
Freon 11	0.15	0.32	0.82	1.8
1,1-Dichloroethene	0.15	Not Detected	0.58	Not Detected
Freon 113	0.15	Not Detected	1.1	Not Detected
Methylene Chloride	0.15	0.14 J	0.51	0.49 J
1,1-Dichloroethane	0.15	Not Detected	0.59	Not Detected
cis-1,2-Dichloroethene	0.15	Not Detected	0.58	Not Detected
Chloroform	0.15	Not Detected	0.71	Not Detected
1,1,1-Trichloroethane	0.15	Not Detected	0.80	Not Detected
Carbon Tetrachloride	0.15	Not Detected	0.92	Not Detected
Benzene	0.15	0.33	0.47	1.1
1,2-Dichloroethane	0.15	Not Detected	0.59	Not Detected
Trichloroethene	0.15	Not Detected	0.78	Not Detected
1,2-Dichloropropane	0.15	Not Detected	0.67	Not Detected
cis-1,3-Dichloropropene	0.15	Not Detected	0.66	Not Detected
Toluene	0.15	0.84 J	0.55	3.2 J
trans-1,3-Dichloropropene	0.15	Not Detected	0.66	Not Detected
1,1,2-Trichloroethane	0.15	Not Detected	0.80	Not Detected
Tetrachloroethene	0.15	Not Detected	0.99	Not Detected
1,2-Dibromoethane (EDB)	0.15	Not Detected	1.1	Not Detected
Chlorobenzene	0.15	Not Detected	0.67	Not Detected
Ethyl Benzene	0.15	Not Detected	0.63	Not Detected
m,p-Xylene	0.15	0.26 J	0.63	1.1 J
o-Xylene	0.15	Not Detected	0.63	Not Detected
Styrene	0.15	Not Detected	0.62	Not Detected
1,1,2,2-Tetrachloroethane	0.15	Not Detected	1.0	Not Detected
1,3,5-Trimethylbenzene	0.15	Not Detected	0.72	Not Detected
1,2,4-Trimethylbenzene	0.15	Not Detected	0.72	Not Detected
1,3-Dichlorobenzene	0.15	Not Detected	0.88	Not Detected
1,4-Dichlorobenzene	0.15	Not Detected	0.88	Not Detected
alpha-Chlorotoluene	0.15	Not Detected	0.76	Not Detected
1,2-Dichlorobenzene	0.15	Not Detected	0.88	Not Detected
1,2,4-Trichlorobenzene	0.73	Not Detected	5.4	Not Detected
Hexachlorobutadiene	0.73	Not Detected	7.8	Not Detected

Air Toxics LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: Amb-1 (08)

Lab ID#: 0803685A-03A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**z041113**	**Date of Collection:**	**3/28/08**
Dil. Factor:	**1.46**	**Date of Analysis:**	**4/11/08 11:28 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Propylene	0.73	Not Detected	1.2	Not Detected
1,3-Butadiene	0.73	Not Detected	1.6	Not Detected
Acetone	0.73	7.0	1.7	17
Carbon Disulfide	0.73	Not Detected	2.3	Not Detected
trans-1,2-Dichloroethene	0.73	Not Detected	2.9	Not Detected
2-Butanone (Methyl Ethyl Ketone)	0.73	1.2	2.2	3.6
Hexane	0.73	Not Detected	2.6	Not Detected
Tetrahydrofuran	0.73	Not Detected	2.2	Not Detected
Cyclohexane	0.73	Not Detected	2.5	Not Detected
1,4-Dioxane	0.73	Not Detected	2.6	Not Detected
Bromodichloromethane	0.73	Not Detected	4.9	Not Detected
4-Methyl-2-pentanone	0.73	Not Detected	3.0	Not Detected
2-Hexanone	0.73	Not Detected	3.0	Not Detected
Dibromochloromethane	0.73	Not Detected	6.2	Not Detected
Bromoform	0.73	Not Detected	7.5	Not Detected
4-Ethyltoluene	0.73	Not Detected	3.6	Not Detected
Ethanol	0.73	7.1 J	1.4	13 J
Methyl tert-butyl ether	0.73	Not Detected	2.6	Not Detected
Heptane	0.73	Not Detected	3.0	Not Detected
Naphthalene	0.73	Not Detected	3.8	Not Detected
2-Methylpentane	0.73	Not Detected	2.6	Not Detected
Isopentane	0.73	0.87	2.2	2.6
2,3-Dimethylpentane	0.73	Not Detected	3.0	Not Detected
2,2,4-Trimethylpentane	0.73	Not Detected	3.4	Not Detected
Indene	0.73	Not Detected	3.5	Not Detected
Indan	0.73	Not Detected	3.5	Not Detected
Thiophene	0.73	Not Detected	2.5	Not Detected
2-Propanol	0.73	0.86 J	1.8	2.1 J

J = Estimated value.

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount (ppbv)
Acetaldehyde	75-07-0	3.0%	3.4 N J

Container Type: 6 Liter Summa Special (100% Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	107	70-130

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Air Toxics LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: Amb-1 (08)

Lab ID#: 0803685A-03A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	z041113	Date of Collection:	3/28/08
Dil. Factor:	1.46	Date of Analysis:	4/11/08 11:28 PM

Surrogates	%Recovery	Method Limits
4-Bromofluorobenzene	97	70-130
Toluene-d8	96	70-130

Air Toxics LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: Amb-2 (08)

Lab ID#: 0803685A-04A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**z041114**	**Date of Collection:**	**3/28/08**
Dil. Factor:	**1.71**	**Date of Analysis:**	**4/11/08 11:59 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.17	0.52	0.84	2.6
Freon 114	0.17	Not Detected	1.2	Not Detected
Chloromethane	0.17	0.50	0.35	1.0
Vinyl Chloride	0.17	Not Detected	0.44	Not Detected
Bromomethane	0.17	Not Detected	0.66	Not Detected
Chloroethane	0.17	Not Detected	0.45	Not Detected
Freon 11	0.17	0.38	0.96	2.1
1,1-Dichloroethene	0.17	Not Detected	0.68	Not Detected
Freon 113	0.17	Not Detected	1.3	Not Detected
Methylene Chloride	0.17	0.29 J	0.59	1.0 J
1,1-Dichloroethane	0.17	Not Detected	0.69	Not Detected
cis-1,2-Dichloroethene	0.17	Not Detected	0.68	Not Detected
Chloroform	0.17	Not Detected	0.83	Not Detected
1,1,1-Trichloroethane	0.17	Not Detected	0.93	Not Detected
Carbon Tetrachloride	0.17	Not Detected	1.1	Not Detected
Benzene	0.17	0.37	0.55	1.2
1,2-Dichloroethane	0.17	Not Detected	0.69	Not Detected
Trichloroethene	0.17 UJ	Not Detected	0.92 UJ	Not Detected
1,2-Dichloropropane	0.17	Not Detected	0.79	Not Detected
cis-1,3-Dichloropropene	0.17	Not Detected	0.78	Not Detected
Toluene	0.17	1.1 J	0.64	4.0 J
trans-1,3-Dichloropropene	0.17	Not Detected	0.78	Not Detected
1,1,2-Trichloroethane	0.17	Not Detected	0.93	Not Detected
Tetrachloroethene	0.17	Not Detected	1.2	Not Detected
1,2-Dibromoethane (EDB)	0.17	Not Detected	1.3	Not Detected
Chlorobenzene	0.17	Not Detected	0.79	Not Detected
Ethyl Benzene	0.17	Not Detected	0.74	Not Detected
m,p-Xylene	0.17	0.40 J	0.74	1.7 J
o-Xylene	0.17	Not Detected	0.74	Not Detected
Styrene	0.17	Not Detected	0.73	Not Detected
1,1,2,2-Tetrachloroethane	0.17	Not Detected	1.2	Not Detected
1,3,5-Trimethylbenzene	0.17	Not Detected	0.84	Not Detected
1,2,4-Trimethylbenzene	0.17	Not Detected	0.84	Not Detected
1,3-Dichlorobenzene	0.17	Not Detected	1.0	Not Detected
1,4-Dichlorobenzene	0.17	Not Detected	1.0	Not Detected
alpha-Chlorotoluene	0.17	Not Detected	0.88	Not Detected
1,2-Dichlorobenzene	0.17	Not Detected	1.0	Not Detected
1,2,4-Trichlorobenzene	0.86	Not Detected	6.3	Not Detected
Hexachlorobutadiene	0.86	Not Detected	9.1	Not Detected

Air Toxics LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: Amb-2 (08)

Lab ID#: 0803685A-04A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**z041114**	**Date of Collection: 3/28/08**	
Dil. Factor:	**1.71**	**Date of Analysis: 4/11/08 11:59 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Propylene	0.86	Not Detected	1.5	Not Detected
1,3-Butadiene	0.86	Not Detected	1.9	Not Detected
Acetone	0.86	5.8	2.0	14
Carbon Disulfide	0.86	Not Detected	2.7	Not Detected
trans-1,2-Dichloroethene	0.86	Not Detected	3.4	Not Detected
2-Butanone (Methyl Ethyl Ketone)	0.86	1.1	2.5	3.3
Hexane	0.86	Not Detected	3.0	Not Detected
Tetrahydrofuran	0.86	Not Detected	2.5	Not Detected
Cyclohexane	0.86	Not Detected	2.9	Not Detected
1,4-Dioxane	0.86	Not Detected	3.1	Not Detected
Bromodichloromethane	0.86	Not Detected	5.7	Not Detected
4-Methyl-2-pentanone	0.86	Not Detected	3.5	Not Detected
2-Hexanone	0.86	Not Detected	3.5	Not Detected
Dibromochloromethane	0.86	Not Detected	7.3	Not Detected
Bromoform	0.86	Not Detected	8.8	Not Detected
4-Ethyltoluene	0.86	Not Detected	4.2	Not Detected
Ethanol	0.86	5.9 J	1.6	11 J
Methyl tert-butyl ether	0.86	Not Detected	3.1	Not Detected
Heptane	0.86	Not Detected	3.5	Not Detected
Naphthalene	0.86	Not Detected	4.5	Not Detected
2-Methylpentane	0.86	Not Detected	3.0	Not Detected
Isopentane	0.86	0.93	2.5	2.7
2,3-Dimethylpentane	0.86	Not Detected	3.5	Not Detected
2,2,4-Trimethylpentane	0.86	Not Detected	4.0	Not Detected
Indene	0.86	Not Detected	4.1	Not Detected
Indan	0.86	Not Detected	4.1	Not Detected
Thiophene	0.86	Not Detected	2.9	Not Detected
2-Propanol	0.86 UJ	Not Detected	2.1 UJ	Not Detected

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount (ppbv)
Acetaldehyde	75-07-0	5.0%	2.8 N J

Container Type: 6 Liter Summa Special (100% Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	98	70-130
4-Bromofluorobenzene	100	70-130

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Air Toxics LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: Amb-2 (08)

Lab ID#: 0803685A-04A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	z041114	Date of Collection:	3/28/08
Dil. Factor:	1.71	Date of Analysis:	4/11/08 11:59 PM

Surrogates	%Recovery	Method Limits
Toluene-d8	94	70-130

Air Toxics LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: SV-5 (08)

Lab ID#: 0803685A-01A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	z041112	Date of Collection:	3/28/08
Dil. Factor:	12.2	Date of Analysis:	4/11/08 10:57 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	1.2	Not Detected	6.0	Not Detected
Freon 114	1.2	Not Detected	8.5	Not Detected
Chloromethane	1.2	Not Detected	2.5	Not Detected
Vinyl Chloride	1.2	Not Detected	3.1	Not Detected
Bromomethane	1.2	Not Detected	4.7	Not Detected
Chloroethane	1.2	Not Detected	3.2	Not Detected
Freon 11	1.2	10	6.8	58
1,1-Dichloroethene	1.2	Not Detected	4.8	Not Detected
Freon 113	1.2	Not Detected	9.4	Not Detected
Methylene Chloride	1.2	Not Detected	4.2	Not Detected
1,1-Dichloroethane	1.2	Not Detected	4.9	Not Detected
cis-1,2-Dichloroethene	1.2	Not Detected	4.8	Not Detected
Chloroform	1.2	Not Detected	6.0	Not Detected
1,1,1-Trichloroethane	1.2	Not Detected	6.6	Not Detected
Carbon Tetrachloride	1.2	Not Detected	7.7	Not Detected
Benzene	1.2	Not Detected	3.9	Not Detected
1,2-Dichloroethane	1.2	Not Detected	4.9	Not Detected
Trichloroethene	1.2	Not Detected	6.6	Not Detected
1,2-Dichloropropane	1.2	Not Detected	5.6	Not Detected
cis-1,3-Dichloropropene	1.2	Not Detected	5.5	Not Detected
Toluene	1.2	1.5	4.6	5.7
trans-1,3-Dichloropropene	1.2	Not Detected	5.5	Not Detected
1,1,2-Trichloroethane	1.2	Not Detected	6.6	Not Detected
Tetrachloroethene	1.2	Not Detected	8.3	Not Detected
1,2-Dibromoethane (EDB)	1.2	Not Detected	9.4	Not Detected
Chlorobenzene	1.2	Not Detected	5.6	Not Detected
Ethyl Benzene	1.2	52	5.3	220
m,p-Xylene	1.2	270	5.3	1200
o-Xylene	1.2	130	5.3	580
Styrene	1.2	Not Detected	5.2	Not Detected
1,1,2,2-Tetrachloroethane	1.2	Not Detected	8.4	Not Detected
1,3,5-Trimethylbenzene	1.2	Not Detected	6.0	Not Detected
1,2,4-Trimethylbenzene	1.2	2.8	6.0	14
1,3-Dichlorobenzene	1.2	Not Detected	7.3	Not Detected
1,4-Dichlorobenzene	1.2	Not Detected	7.3	Not Detected
alpha-Chlorotoluene	1.2	Not Detected	6.3	Not Detected
1,2-Dichlorobenzene	1.2	Not Detected	7.3	Not Detected
1,2,4-Trichlorobenzene	6.1	Not Detected	45	Not Detected
Hexachlorobutadiene	6.1	Not Detected	65	Not Detected

0007

Air Toxics LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: SV-5 (08)

Lab ID#: 0803685A-01A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**z041112**	**Date of Collection: 3/28/08**	
Dil. Factor:	**12.2**	**Date of Analysis: 4/11/08 10:57 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Propylene	6.1	Not Detected	10	Not Detected
1,3-Butadiene	6.1	Not Detected	13	Not Detected
Acetone	6.1	7.9	14	19
Carbon Disulfide	6.1	Not Detected	19	Not Detected
trans-1,2-Dichloroethene	6.1	Not Detected	24	Not Detected
2-Butanone (Methyl Ethyl Ketone)	6.1	Not Detected	18	Not Detected
Hexane	6.1	Not Detected	21	Not Detected
Tetrahydrofuran	6.1	Not Detected	18	Not Detected
Cyclohexane	6.1	Not Detected	21	Not Detected
1,4-Dioxane	6.1	Not Detected	22	Not Detected
Bromodichloromethane	6.1	Not Detected	41	Not Detected
4-Methyl-2-pentanone	6.1	Not Detected	25	Not Detected
2-Hexanone	6.1	Not Detected	25	Not Detected
Dibromochloromethane	6.1	Not Detected	52	Not Detected
Bromoform	6.1	Not Detected	63	Not Detected
4-Ethyltoluene	6.1	Not Detected	30	Not Detected
Ethanol	6.1 UJ	Not Detected	11 UJ	Not Detected
Methyl tert-butyl ether	6.1	Not Detected	22	Not Detected
Heptane	6.1	Not Detected	25	Not Detected
Naphthalene	6.1	26	32	140
2-Methylpentane	6.1	Not Detected	22	Not Detected
Isopentane	6.1	Not Detected	18	Not Detected
2,3-Dimethylpentane	6.1	Not Detected	25	Not Detected
2,2,4-Trimethylpentane	6.1	Not Detected	28	Not Detected
Indene	6.1	Not Detected	29	Not Detected
Indan	6.1	Not Detected	29	Not Detected
Thiophene	6.1	Not Detected	21	Not Detected
2-Propanol	6.1	Not Detected	15	Not Detected

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount (ppbv)
Unknown	NA	NA	930 J
Ethane, 1,2-dichloro-1-fluoro-	430-57-9	40%	13 N J
2-Propanol, 2-methyl-	75-65-0	64%	29 N J
Unknown	NA	NA	14 J
1H-Indene, 2,3-dihydro-2-methyl-	824-63-5	83%	20 N J
Benzene, (1-methyl-1-propenyl)-, (Z)-	767-99-7	72%	13 N J
1H-Indene, 2,3-dihydro-1,6-dimethyl-	17059-48-2	83%	15 N J

0008

Air Toxics LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: SV-5 (08)

Lab ID#: 0803685A-01A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**z041112**	**Date of Collection:**	**3/28/08**
Dil. Factor:	**12.2**	**Date of Analysis:**	**4/11/08 10:57 PM**

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount (ppbv)
1H-Indene, 2,3-dihydro-4,7-dimethyl-	6682-71-9	87%	18 N J

Container Type: 6 Liter Summa Special (100% Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	102	70-130
4-Bromofluorobenzene	113	70-130
Toluene-d8	89	70-130

0009

Air Toxics LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: SV-5 (08)

Lab ID#: 0803685B-01A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**9040216b**	**Date of Collection: 3/28/08**	
Dil. Factor:	**1.71**	**Date of Analysis: 4/2/08 02:40 PM**	

Compound	Rpt. Limit (%)	Amount (%)
Helium	0.086	Not Detected

Container Type: 6 Liter Summa Special (100% Certified)

0007

Air Toxics LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: SV-6 (08)

Lab ID#: 0803685A-02A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	z041111	Date of Collection: 3/28/08
Dil. Factor:	15.5	Date of Analysis: 4/11/08 10:21 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	1.6	Not Detected	7.7	Not Detected
Freon 114	1.6	Not Detected	11	Not Detected
Chloromethane	1.6	Not Detected	3.2	Not Detected
Vinyl Chloride	1.6	Not Detected	4.0	Not Detected
Bromomethane	1.6	Not Detected	6.0	Not Detected
Chloroethane	1.6	Not Detected	4.1	Not Detected
Freon 11	1.6	Not Detected	8.7	Not Detected
1,1-Dichloroethene	1.6	Not Detected	6.1	Not Detected
Freon 113	1.6	Not Detected	12	Not Detected
Methylene Chloride	1.6	Not Detected	5.4	Not Detected
1,1-Dichloroethane	1.6	Not Detected	6.3	Not Detected
cis-1,2-Dichloroethene	1.6	Not Detected	6.1	Not Detected
Chloroform	1.6	38	7.6	180
1,1,1-Trichloroethane	1.6	Not Detected	8.4	Not Detected
Carbon Tetrachloride	1.6	Not Detected	9.8	Not Detected
Benzene	1.6	Not Detected	5.0	Not Detected
1,2-Dichloroethane	1.6	Not Detected	6.3	Not Detected
Trichloroethene	1.6	Not Detected	8.3	Not Detected
1,2-Dichloropropane	1.6	Not Detected	7.2	Not Detected
cis-1,3-Dichloropropene	1.6	Not Detected	7.0	Not Detected
Toluene	1.6	40	5.8	150
trans-1,3-Dichloropropene	1.6	Not Detected	7.0	Not Detected
1,1,2-Trichloroethane	1.6	Not Detected	8.4	Not Detected
Tetrachloroethene	1.6	Not Detected	10	Not Detected
1,2-Dibromoethane (EDB)	1.6	Not Detected	12	Not Detected
Chlorobenzene	1.6	Not Detected	7.1	Not Detected
Ethyl Benzene	1.6	42	6.7	180
m,p-Xylene	1.6	290	6.7	1300
o-Xylene	1.6	120	6.7	510
Styrene	1.6	Not Detected	6.6	Not Detected
1,1,2,2-Tetrachloroethane	1.6	Not Detected	11	Not Detected
1,3,5-Trimethylbenzene	1.6	Not Detected	7.6	Not Detected
1,2,4-Trimethylbenzene	1.6	1.9	7.6	9.3
1,3-Dichlorobenzene	1.6	Not Detected	9.3	Not Detected
1,4-Dichlorobenzene	1.6	Not Detected	9.3	Not Detected
alpha-Chlorotoluene	1.6	Not Detected	8.0	Not Detected
1,2-Dichlorobenzene	1.6	Not Detected	9.3	Not Detected
1,2,4-Trichlorobenzene	7.8	Not Detected	58	Not Detected
Hexachlorobutadiene	7.8	Not Detected	83	Not Detected

Air Toxics LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: SV-6 (08)

Lab ID#: 0803685A-02A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**z041111**	**Date of Collection:**	**3/28/08**
Dil. Factor:	**15.5**	**Date of Analysis:**	**4/11/08 10:21 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Propylene	7.8	Not Detected	13	Not Detected
1,3-Butadiene	7.8	Not Detected	17	Not Detected
Acetone	7.8	23	18	56
Carbon Disulfide	7.8	Not Detected	24	Not Detected
trans-1,2-Dichloroethene	7.8	Not Detected	31	Not Detected
2-Butanone (Methyl Ethyl Ketone)	7.8	Not Detected	23	Not Detected
Hexane	7.8	Not Detected	27	Not Detected
Tetrahydrofuran	7.8	Not Detected	23	Not Detected
Cyclohexane	7.8	Not Detected	27	Not Detected
1,4-Dioxane	7.8	Not Detected	28	Not Detected
Bromodichloromethane	7.8	Not Detected	52	Not Detected
4-Methyl-2-pentanone	7.8	Not Detected	32	Not Detected
2-Hexanone	7.8	Not Detected	32	Not Detected
Dibromochloromethane	7.8	Not Detected	66	Not Detected
Bromoform	7.8	Not Detected	80	Not Detected
4-Ethyltoluene	7.8	Not Detected	38	Not Detected
Ethanol	7.8	7.7 J	15	14 J
Methyl tert-butyl ether	7.8	Not Detected	28	Not Detected
Heptane	7.8	Not Detected	32	Not Detected
Naphthalene	7.8	Not Detected	41	Not Detected
2-Methylpentane	7.8	Not Detected	27	Not Detected
Isopentane	7.8	Not Detected	23	Not Detected
2,3-Dimethylpentane	7.8	Not Detected	32	Not Detected
2,2,4-Trimethylpentane	7.8	Not Detected	36	Not Detected
Indene	7.8	Not Detected	37	Not Detected
Indan	7.8	Not Detected	37	Not Detected
Thiophene	7.8	Not Detected	27	Not Detected
2-Propanol	7.8	Not Detected	19	Not Detected

J = Estimated value.

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount (ppbv)
Unknown	NA	NA	270 J

Container Type: 6 Liter Summa Special (100% Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	98	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: SV-6 (08)

Lab ID#: 0803685A-02A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**z041111**	**Date of Collection: 3/28/08**	
Dil. Factor:	**15.5**	**Date of Analysis: 4/11/08 10:21 PM**	

Surrogates	%Recovery	Method Limits
4-Bromofluorobenzene	112	70-130
Toluene-d8	94	70-130

Air Toxics LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: SV-6 (08)

Lab ID#: 0803685B-02A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	**9040217b**	**Date of Collection: 3/28/08**	
Dil. Factor:	**1.55**	**Date of Analysis: 4/2/08 03:04 PM**	

Compound	Rpt. Limit (%)	Amount (%)
Helium	0.078	Not Detected

Container Type: 6 Liter Summa Special (100% Certified)

0017

Air TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: SV-7 (08)

Lab ID#: 0808615A-01A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	z090412	Date of Collection:	8/22/08
Dil. Factor:	1.46	Date of Analysis:	9/4/08 03:20 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.15	0.30	0.72	1.5
Freon 114	0.15	Not Detected	1.0	Not Detected
Chloromethane	0.15	0.71	0.30	1.5
Vinyl Chloride	0.15	Not Detected	0.37	Not Detected
Bromomethane	0.15	Not Detected	0.57	Not Detected
Chloroethane	0.15	Not Detected	0.38	Not Detected
Freon 11	0.15	0.46	0.82	2.6
1,1-Dichloroethene	0.15	Not Detected	0.58	Not Detected
Freon 113	0.15	Not Detected	1.1	Not Detected
Methylene Chloride	0.15	Not Detected	0.51	Not Detected
1,1-Dichloroethane	0.15	Not Detected	0.59	Not Detected
cis-1,2-Dichloroethene	0.15	Not Detected	0.58	Not Detected
Chloroform	0.15	0.69	0.71	3.4
1,1,1-Trichloroethane	0.15	Not Detected	0.80	Not Detected
Carbon Tetrachloride	0.15	Not Detected	0.92	Not Detected
Benzene	0.15	6.0	0.47	19
1,2-Dichloroethane	0.15	Not Detected	0.59	Not Detected
Trichloroethene	0.15	Not Detected	0.78	Not Detected
1,2-Dichloropropane	0.15	Not Detected	0.67	Not Detected
cis-1,3-Dichloropropene	0.15	Not Detected	0.66	Not Detected
Toluene	0.15	43	0.55	160
trans-1,3-Dichloropropene	0.15	Not Detected	0.66	Not Detected
1,1,2-Trichloroethane	0.15	Not Detected	0.80	Not Detected
Tetrachloroethene	0.15	Not Detected	0.99	Not Detected
1,2-Dibromoethane (EDB)	0.15	Not Detected	1.1	Not Detected
Chlorobenzene	0.15	Not Detected	0.67	Not Detected
Ethyl Benzene	0.15	5.7	0.63	25
m,p-Xylene	0.15	20	0.63	88
o-Xylene	0.15	6.0	0.63	26
Styrene	0.15	Not Detected	0.62	Not Detected
1,1,2,2-Tetrachloroethane	0.15	Not Detected	1.0	Not Detected
1,3,5-Trimethylbenzene	0.15	1.1	0.72	5.3
1,2,4-Trimethylbenzene	0.15	3.7	0.72	18
1,3-Dichlorobenzene	0.15	Not Detected	0.88	Not Detected
1,4-Dichlorobenzene	0.15	Not Detected	0.88	Not Detected
alpha-Chlorotoluene	0.15	Not Detected	0.76	Not Detected
1,2-Dichlorobenzene	0.15	Not Detected	0.88	Not Detected
1,2,4-Trichlorobenzene	0.73	Not Detected	5.4	Not Detected
Hexachlorobutadiene	0.73	Not Detected	7.8	Not Detected

0007

Air Toxics LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: SV-7

Lab ID#: 0808615A-01A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	z090412	Date of Collection:	8/22/08
Dil. Factor:	1.46	Date of Analysis:	9/4/08 03:20 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Propylene	0.73	Not Detected	1.2	Not Detected
1,3-Butadiene	0.73	Not Detected	1.6	Not Detected
Acetone	0.73	6.9	1.7	16
Carbon Disulfide	0.73	Not Detected	2.3	Not Detected
trans-1,2-Dichloroethene	0.73	Not Detected	2.9	Not Detected
2-Butanone (Methyl Ethyl Ketone)	0.73	1.1	2.2	3.4
Hexane	0.73	3.2	2.6	11
Tetrahydrofuran	0.73	Not Detected	2.2	Not Detected
Cyclohexane	0.73	Not Detected	2.5	Not Detected
1,4-Dioxane	0.73	Not Detected	2.6	Not Detected
Bromodichloromethane	0.73	Not Detected	4.9	Not Detected
4-Methyl-2-pentanone	0.73	Not Detected	3.0	Not Detected
2-Hexanone	0.73	Not Detected	3.0	Not Detected
Dibromochloromethane	0.73	Not Detected	6.2	Not Detected
Bromoform	0.73	Not Detected	7.5	Not Detected
4-Ethyltoluene	0.73	3.7	3.6	18
Ethanol	0.73	12	1.4	22
Methyl tert-butyl ether	0.73	Not Detected	2.6	Not Detected
Heptane	0.73	1.2	3.0	4.8
Naphthalene	0.73	Not Detected	3.8	Not Detected
2-Methylpentane	0.73	1.7	2.6	6.1
Isopentane	0.73	3.8	2.2	11
2,3-Dimethylpentane	0.73	Not Detected	3.0	Not Detected
2,2,4-Trimethylpentane	0.73	Not Detected	3.4	Not Detected
Indene	0.73	Not Detected	3.5	Not Detected
Indan	0.73	Not Detected	3.5	Not Detected
Thiophene	0.73	Not Detected	2.5	Not Detected
2-Propanol	0.73	Not Detected	1.8	Not Detected

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount ((ppbv))
Unknown	NA	NA	6.7 J
5-Octadecenal	56554-88-2	58%	5.3 N J
4-Octene, 2,6-dimethyl-, [S-(Z)]-	62960-77-4	50%	5.1 N J
Decane, 4-methyl-	2847-72-5	49%	6.8 N J
Benzene, 1,2,3-trimethyl-	526-73-8	91%	6.7 N J
Cyclohexane, (1-methylpropyl)-	7058-01-7	59%	7.2 N J
Limonene	138-86-3	70%	8.6 N J

0008

Air Toxics LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: SV-7

Lab ID#: 0808615A-01A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	z090412	Date of Collection:	8/22/08
Dil. Factor:	1.46	Date of Analysis:	9/4/08 03:20 PM

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount ((ppbv))
Decane, 2,2,6-trimethyl-	62237-97-2	53%	6.2 N J
Undecane	1120-21-4	64%	22 N J
Cyclohexane, 1,1'methylenebis-	3178-23-2	53%	5.5 N J

Container Type: 6 Liter Summa Special (100% Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	119	70-130
4-Bromofluorobenzene	105	70-130
Toluene-d8	103	70-130

Air Toxics LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: SV-7

Lab ID#: 0808615B-01A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	9082905b	Date of Collection:	8/22/08
Dil. Factor:	1.46	Date of Analysis:	8/29/08 09:30 AM

Compound	Rpt. Limit (%)	Amount (%)
Helium	0.073	Not Detected

Container Type: 6 Liter Summa Special (100% Certified)

0007

Air Toxics LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: SV-8 (08)

Lab ID#: 0808615A-02A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	z090416	Date of Collection:	8/22/08
Dil. Factor:	2.68	Date of Analysis:	9/4/08 06:56 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.27	Not Detected	1.3	Not Detected
Freon 114	0.27	Not Detected	1.9	Not Detected
Chloromethane	0.27	Not Detected	0.55	Not Detected
Vinyl Chloride	0.27	Not Detected	0.68	Not Detected
Bromomethane	0.27	Not Detected	1.0	Not Detected
Chloroethane	0.27	Not Detected	0.71	Not Detected
Freon 11	0.27	0.45	1.5	2.5
1,1-Dichloroethene	0.27	Not Detected	1.1	Not Detected
Freon 113	0.27	Not Detected	2.0	Not Detected
Methylene Chloride	0.27	Not Detected	0.93	Not Detected
1,1-Dichloroethane	0.27	Not Detected	1.1	Not Detected
cis-1,2-Dichloroethene	0.27	Not Detected	1.1	Not Detected
Chloroform	0.27	Not Detected	1.3	Not Detected
1,1,1-Trichloroethane	0.27	Not Detected	1.5	Not Detected
Carbon Tetrachloride	0.27	Not Detected	1.7	Not Detected
Benzene	0.27	16	0.86	50
1,2-Dichloroethane	0.27	Not Detected	1.1	Not Detected
Trichloroethene	0.27	Not Detected	1.4	Not Detected
1,2-Dichloropropane	0.27	Not Detected	1.2	Not Detected
cis-1,3-Dichloropropene	0.27	Not Detected	1.2	Not Detected
Toluene	0.27	83	1.0	310
trans-1,3-Dichloropropene	0.27	Not Detected	1.2	Not Detected
1,1,2-Trichloroethane	0.27	Not Detected	1.5	Not Detected
Tetrachloroethene	0.27	Not Detected	1.8	Not Detected
1,2-Dibromoethane (EDB)	0.27	Not Detected	2.0	Not Detected
Chlorobenzene	0.27	Not Detected	1.2	Not Detected
Ethyl Benzene	0.27	13	1.2	58
m,p-Xylene	0.27	47	1.2	200
o-Xylene	0.27	14	1.2	60
Styrene	0.27	Not Detected	1.1	Not Detected
1,1,2,2-Tetrachloroethane	0.27	Not Detected	1.8	Not Detected
1,3,5-Trimethylbenzene	0.27	3.2	1.3	16
1,2,4-Trimethylbenzene	0.27	13	1.3	63
1,3-Dichlorobenzene	0.27	Not Detected	1.6	Not Detected
1,4-Dichlorobenzene	0.27	Not Detected	1.6	Not Detected
alpha-Chlorotoluene	0.27	Not Detected	1.4	Not Detected
1,2-Dichlorobenzene	0.27	Not Detected	1.6	Not Detected
1,2,4-Trichlorobenzene	1.3	Not Detected	9.9	Not Detected
Hexachlorobutadiene	1.3	Not Detected	14	Not Detected

0048

Air Toxics LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: SV-8

Lab ID#: 0808615A-02A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	z090416	Date of Collection:	8/22/08
Dil. Factor:	2.68	Date of Analysis:	9/4/08 06:56 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Propylene	1.3	Not Detected	2.3	Not Detected
1,3-Butadiene	1.3	Not Detected	3.0	Not Detected
Acetone	1.3	25	3.2	59
Carbon Disulfide	1.3	13	4.2	42
trans-1,2-Dichloroethene	1.3	Not Detected	5.3	Not Detected
2-Butanone (Methyl Ethyl Ketone)	1.3	Not Detected	4.0	Not Detected
Hexane	1.3	13	4.7	46
Tetrahydrofuran	1.3	Not Detected	4.0	Not Detected
Cyclohexane	1.3	Not Detected	4.6	Not Detected
1,4-Dioxane	1.3	Not Detected	4.8	Not Detected
Bromodichloromethane	1.3	Not Detected	9.0	Not Detected
4-Methyl-2-pentanone	1.3	Not Detected	5.5	Not Detected
2-Hexanone	1.3	Not Detected	5.5	Not Detected
Dibromochloromethane	1.3	Not Detected	11	Not Detected
Bromoform	1.3	Not Detected	14	Not Detected
4-Ethyltoluene	1.3	11	6.6	53
Ethanol	1.3	13	2.5	24
Methyl tert-butyl ether	1.3	Not Detected	4.8	Not Detected
Heptane	1.3	3.0	5.5	12
Naphthalene	1.3	Not Detected	7.0	Not Detected
2-Methylpentane	1.3	6.1	4.7	22
Isopentane	1.3	12	4.0	37
2,3-Dimethylpentane	1.3	Not Detected	5.5	Not Detected
2,2,4-Trimethylpentane	1.3	Not Detected	6.2	Not Detected
Indene	1.3	Not Detected	6.4	Not Detected
Indan	1.3	Not Detected	6.5	Not Detected
Thiophene	1.3	Not Detected	4.6	Not Detected
2-Propanol	1.3	Not Detected	3.3	Not Detected

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount ((ppbv))
Pentane	109-66-0	90%	44 N J
Decane, 4-methyl-	2847-72-5	76%	18 N J
Cyclohexane, (1-methylpropyl)-	7058-01-7	64%	21 N J
Limonene	138-86-3	86%	29 N J
Decane, 2,2,6-trimethyl-	62237-97-2	64%	20 N J
Undecane	1120-21-4	95%	55 N J
Naphthalene, decahydro-, cis-	493-01-6	80%	27 N J

Air Toxics LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: SV-8

Lab ID#: 0808615A-02A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	z090416	Date of Collection:	8/22/08
Dil. Factor:	2.68	Date of Analysis:	9/4/08 06:56 PM

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount ((ppbv))
Unknown	NA	NA	16 J
Cyclohexane, 1,1'-methylenebis-	3178-23-2	37%	21 N J
Dodecane	112-40-3	91%	15 N J

Container Type: 6 Liter Summa Special (100% Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	109	70-130
4-Bromofluorobenzene	104	70-130
Toluene-d8	94	70-130

0050

Air Toxics LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: SV-8

Lab ID#: 0808615B-02A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	9082907b	Date of Collection:	8/22/08
Dil. Factor:	1.61	Date of Analysis:	8/29/08 10:29 AM

Compound	Rpt. Limit (%)	Amount (%)
Helium	0.080	Not Detected

Container Type: 6 Liter Summa Special (100% Certified)

0017

Air Toxics LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: SV-9 (03)

Lab ID#: 0808615A-03A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	z090420	Date of Collection:	8/22/08
Dil. Factor:	2.58	Date of Analysis:	9/4/08 10:32 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.26	Not Detected	1.3	Not Detected
Freon 114	0.26	Not Detected	1.8	Not Detected
Chloromethane	0.26	Not Detected	0.53	Not Detected
Vinyl Chloride	0.26	Not Detected	0.66	Not Detected
Bromomethane	0.26	Not Detected	1.0	Not Detected
Chloroethane	0.26	Not Detected	0.68	Not Detected
Freon 11	0.26	0.41	1.4	2.3
1,1-Dichloroethene	0.26	Not Detected	1.0	Not Detected
Freon 113	0.26	Not Detected	2.0	Not Detected
Methylene Chloride	0.26	0.26	0.90	0.92
1,1-Dichloroethane	0.26	Not Detected	1.0	Not Detected
cis-1,2-Dichloroethene	0.26	Not Detected	1.0	Not Detected
Chloroform	0.26	Not Detected	1.2	Not Detected
1,1,1-Trichloroethane	0.26	0.34	1.4	1.8
Carbon Tetrachloride	0.26	Not Detected	1.6	Not Detected
Benzene	0.26	14	0.82	46
1,2-Dichloroethane	0.26	Not Detected	1.0	Not Detected
Trichloroethene	0.26	Not Detected	1.4	Not Detected
1,2-Dichloropropane	0.26	Not Detected	1.2	Not Detected
cis-1,3-Dichloropropene	0.26	Not Detected	1.2	Not Detected
Toluene	0.26	78	0.97	290
trans-1,3-Dichloropropene	0.26	Not Detected	1.2	Not Detected
1,1,2-Trichloroethane	0.26	Not Detected	1.4	Not Detected
Tetrachloroethene	0.26	Not Detected	1.8	Not Detected
1,2-Dibromoethane (EDB)	0.26	Not Detected	2.0	Not Detected
Chlorobenzene	0.26	Not Detected	1.2	Not Detected
Ethyl Benzene	0.26	11	1.1	47
m,p-Xylene	0.26	42	1.1	180
o-Xylene	0.26	12	1.1	54
Styrene	0.26	Not Detected	1.1	Not Detected
1,1,2,2-Tetrachloroethane	0.26	Not Detected	1.8	Not Detected
1,3,5-Trimethylbenzene	0.26	2.7	1.3	13
1,2,4-Trimethylbenzene	0.26	10	1.3	52
1,3-Dichlorobenzene	0.26	Not Detected	1.6	Not Detected
1,4-Dichlorobenzene	0.26	Not Detected	1.6	Not Detected
alpha-Chlorotoluene	0.26	Not Detected	1.3	Not Detected
1,2-Dichlorobenzene	0.26	Not Detected	1.6	Not Detected
1,2,4-Trichlorobenzene	1.3	Not Detected	9.6	Not Detected
Hexachlorobutadiene	1.3	Not Detected	14	Not Detected

0086

Air Toxics LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: SV-9

Lab ID#: 0808615A-03A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	z090420	Date of Collection:	8/22/08
Dil. Factor:	2.58	Date of Analysis:	9/4/08 10:32 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Propylene	1.3	Not Detected	2.2	Not Detected
1,3-Butadiene	1.3	Not Detected	2.8	Not Detected
Acetone	1.3	28	3.1	66
Carbon Disulfide	1.3	Not Detected	4.0	Not Detected
trans-1,2-Dichloroethene	1.3	Not Detected	5.1	Not Detected
2-Butanone (Methyl Ethyl Ketone)	1.3	2.6	3.8	7.8
Hexane	1.3	12	4.5	43
Tetrahydrofuran	1.3	Not Detected	3.8	Not Detected
Cyclohexane	1.3	Not Detected	4.4	Not Detected
1,4-Dioxane	1.3	Not Detected	4.6	Not Detected
Bromodichloromethane	1.3	Not Detected	8.6	Not Detected
4-Methyl-2-pentanone	1.3	Not Detected	5.3	Not Detected
2-Hexanone	1.3	Not Detected	5.3	Not Detected
Dibromochloromethane	1.3	Not Detected	11	Not Detected
Bromoform	1.3	Not Detected	13	Not Detected
4-Ethyltoluene	1.3	9.4	6.3	46
Ethanol	1.3	20	2.4	38
Methyl tert-butyl ether	1.3	Not Detected	4.6	Not Detected
Heptane	1.3	2.7	5.3	11
Naphthalene	1.3	Not Detected	6.8	Not Detected
2-Methylpentane	1.3	6.2	4.5	22
Isopentane	1.3	12	3.8	37
2,3-Dimethylpentane	1.3	Not Detected	5.3	Not Detected
2,2,4-Trimethylpentane	1.3	Not Detected	6.0	Not Detected
Indene	1.3	Not Detected	6.1	Not Detected
Indan	1.3	Not Detected	6.2	Not Detected
Thiophene	1.3	Not Detected	4.4	Not Detected
2-Propanol	1.3	Not Detected	3.2	Not Detected

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount ((ppbv))
Acetaldehyde	75-07-0	9.0%	13 N J
Pentane	109-66-0	90%	39 N J
Decane, 4-methyl-	2847-72-5	83%	16 N J
Benzene, 1,2,3-trimethyl-	526-73-8	81%	13 N J
Cyclohexane, (1-methylpropyl)-	7058-01-7	58%	18 N J
Limonene	138-86-3	91%	22 N J
Decane, 2,2,6-trimethyl-	62237-97-2	50%	17 N J

0087

Air Toxics LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: SV-9

Lab ID#: 0808615B-03A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	9082908b	Date of Collection:	8/22/08
Dil. Factor:	1.55	Date of Analysis:	8/29/08 10:53 AM

Compound	Rpt. Limit (%)	Amount (%)
Helium	0.078	Not Detected

Container Type: 6 Liter Summa Special (100% Certified)

0022

2008 DUSR

Prepared for:
National Grid
Schenectady, NY

Data Usability Summary Report
National Grid/Clinton Street, Schenectady, NY Site
2008 Sampling Event
Final

AECOM, Inc.
February 2009
Document No.: 04980-011-400

AECOM

Prepared for:
National Grid
Schenectady, NY

Data Usability Summary Report National Grid/Clinton Street, Schenectady, NY Site 2008 Sampling Event Final

Prepared by
Greg Malzone, Project Chemist
AECOM Environment
Four Gateway Center
444 Liberty Avenue, Suite 700
Pittsburgh, PA 15222-1220

Reviewed by
Helen Jones, Project Chemist
AECOM Environment
1001 West Seneca Street, Suite 204
Ithaca, NY 14850

AECOM, Inc.
February 2009
Document No.: 04980-011-400

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Appendix A Glossary of Data Qualifier Codes

Appendix B Data Qualification Summaries

Appendix C Support Documentation

Executive Summary

Overview

A data assessment was performed by Helen A. Jones of AECOM – Ithaca and Gregory A. Malzone of AECOM – Pittsburgh on seventeen data packages from Test America Laboratories in Pittsburgh, PA (TA) for the analysis of soil and groundwater samples collected on July 14, 2008-December 11, 2008 at the Clinton Street, Schenectady, NY site. The data reports were evaluated for conformance to method specifications and data qualifications were applied in accordance to the *USEPA Contract Laboratory Program National Functional Guidelines for Superfund Organic Methods Data Review*, USEPA-540-R-07-003, July 2007 and *USEPA Contract Laboratory Program National Functional Guidelines for Inorganic Data Review*, EPA-540-R-04-004, October 2004, as they applied to the analytical methods employed.

TestAmerica processed the samples and reported the results under seventeen sample delivery groups (SDGs). Table 1 provides a sample submittal list. The following analytical methods were requested on the chain-of-custody (COC) records:

- TCL Volatile Organic Compounds by USEPA SW-846 Method 8260B,
- TCL Semivolatile Organic Compounds by USEPA SW-846 Method 8270C,
- TAL Trace Metals by USEPA SW-846 Methods 6010B, 7471A/7470A,
- Total Cyanide by USEPA SW-846 Method 9012A, and
- Total Residue by SM20 2540G (soils only) for dry weight corrections.

Table 1 - Sample Submittals
National Grid/ Clinton Street, Schenectady, NY 2008 Soil and Groundwater Samples

SDG	Field ID	TestAmerica ID	Matrix	Date Sampled
C8G160152	TP10(29)E(8-8.5)	C8G160152-001	Soil	7/14/2008
	TP10(31)E(8-8.5)	C8G160152-002	Soil	7/14/2008
	TP11(50)E(8-8.5)	C8G160152-003	Soil	7/14/2008
	TP12(5)W(8-8.5)	C8G160152-004	Soil	7/15/2008
	TP12(17)W(10.5-11)	C8G160152-005	Soil	7/15/2008
C8G220214	SB50(14.5-15)	C8G220214-001	Soil	7/17/2008
	SB50(22-24)	C8G220214-002	Soil	7/17/2008
	SB50(24-26)	C8G220214-003	Soil	7/17/2008
C8G260118	SB50(80-81)	C8G260118-001	Soil	7/22/2008
	SB46(8-10)	C8G260118-002	Soil	7/24/2008
C8H080154	SB46(74-76)	C8H080154-001	Soil	7/31/2008
	SB49(8-10)	C8H080154-002	Soil	8/1/2008
	SB49(22-24)	C8H080154-003	Soil	8/1/2008
	SB49(28-30)	C8H080154-004	Soil	8/1/2008
	SB49(72-74)	C8H080154-005	Soil	8/4/2008
C8I060176	SB51(23.5-25.5)	C8I060176-001	Soil	9/2/2008

Table 1 - Sample Submittals (Continued)
National Grid/ Clinton Street, Schenectady, NY 2008 Soil and Groundwater Samples

SDG	Field ID	TestAmerica ID	Matrix	Date Sampled
C8J100124	SB45(8-10)	C8J100124-001	Soil	10/6/2008
	SB45(20-22)	C8J100124-002	Soil	10/7/2008
	SB41(15-17)	C8J100124-003	Soil	10/8/2008
	SB41(20-22)	C8J100124-004	Soil	10/8/2008
C8J110134	SB40(14-16)	C8J100124-001	Soil	10/9/2008
	SB40(50-52)	C8J100124-002	Soil	10/9/2008
	SB36(10-12)	C8J100124-003	Soil	10/9/2008
C8J160275	SB36(17.5-20)	C8J160275-001	Soil	10/13/2008
	SB36(32.5-35)	C8J160275-002	Soil	10/13/2008
	SB37(11-12)	C8J160275-003	Soil	10/13/2008
	SB37(57.6-60)	C8J160275-004	Soil	10/14/2008
	SB32(20-22.5)	C8J160275-005	Soil	10/15/2008
	SB32(42-47.5)	C8J160275-006	Soil	10/15/2008
C8J220183	SB38(22.5-25)	C8J220183-001	Soil	10/16/2008
	SB38(45-47.5)	C8J220183-002	Soil	10/16/2008
	SB31(25-27.5)	C8J220183-003	Soil	10/17/2008
	SB31(47.5-50)	C8J220183-004	Soil	10/17/2008
	SB39(32.5-35)	C8J220183-005	Soil	10/20/2008
	SB39(47.5-50)	C8J220183-006	Soil	10/20/2008
C8J290111	SB34(32.5-35)	C8J290111-001	Soil	10/21/2008
	SB34(42.5-45)	C8J290111-002	Soil	10/21/2008
	SB33(22.5-25)	C8J290111-003	Soil	10/22/2008
	SB33(35-37.5)	C8J290111-004	Soil	10/22/2008
	SB28(33.5-35)	C8J290111-005	Soil	10/23/2008
	SB28(47.5-50)	C8J290111-006	Soil	10/23/2008
	SB30(41.5-43.5)	C8J290111-007	Soil	10/27/2008
	SB300(41.5-43.5)[2]	C8J290111-008	Soil (QC)	10/27/2008
	SB30(50-52.5)	C8J290111-009	Soil	10/27/2008
C8K010195	SB26(35-37.5)	C8K010195-001	Soil	10/29/2008
	SB48(9-10)	C8K010195-002	Soil	10/31/2008
	SB48(27.5-30)	C8K010195-003	Soil	10/31/2008
C8K040347	SB43(40-42.5)	C8K040347-001	Soil	11/1/2008
	SB43(50-52.5)	C8K040347-002	Soil	11/1/2008
	SB35(40-41.5)	C8K040347-003	Soil	11/2/2008
	SB35(45-47.5)	C8K040347-004	Soil	11/2/2008
C8K070273	SB47(18-20.5)	C8K070273-001	Soil	11/4/2008
	SB47(38-40)	C8K070273-002	Soil	11/4/2008

Table 1 - Sample Submittals (Continued)
National Grid/ Clinton Street, Schenectady, NY 2008 Soil and Groundwater Samples

SDG	Field ID	TestAmerica ID	Matrix	Date Sampled
C8K070273	SB44(38-40)	C8K070273-003	Soil	11/5/2008
	SB440(38-40)[3]	C8K070273-004	Soil (QC)	11/5/2008
	SB44(52.5-55)	C8K070273-005	Soil	11/5/2008
C8L100288	MW-4	C8L100288-001	Aqueous	12/9/2008
	MW-1	C8L100288-002	Aqueous	12/9/2008
	MW-1D	C8L100288-003	Aqueous	12/9/2008
	MW-10	C8L100288-004	Aqueous	12/9/2008
	MW-2	C8L100288-005	Aqueous	12/9/2008
	MW-3	C8L100288-006	Aqueous	12/9/2008
	MW-5	C8L100288-007	Aqueous	12/9/2008
	MW-11D	C8L100288-008	Aqueous	12/9/2008
	MW-6	C8L100288-009	Aqueous	12/9/2008
	TRIP BLANK 120908[1]	C8L100288-010	Aqueous (QC)	12/9/2008
C8L110357	SB27(23-23.5)	C8L110357-001	Soil	12/8/2008
	SB27(35-36)	C8L110357-002	Soil	12/8/2008
	SB53(25-26)	C8L110357-003	Soil	12/8/2008
	SB54(11-12)	C8L110357-004	Soil	12/9/2008
	SB56(11-12)	C8L110357-005	Soil	12/9/2008
	SB57(11-12)	C8L110357-006	Soil	12/9/2008
	SB59(15-16)	C8L110357-007	Soil	12/9/2008
	SB59(23-24)	C8L110357-008	Soil	12/9/2008
C8L110371	MW-6[6]	C8L110371-001	Aqueous	12/10/2008
	MW-12	C8L110371-002	Aqueous	12/10/2008
	MW-12D	C8L110371-003	Aqueous	12/10/2008
	MW-7D	C8L110371-004	Aqueous	12/10/2008
	MW-7	C8L110371-005	Aqueous	12/10/2008
	CTM-14	C8L110371-006	Aqueous	12/10/2008
	CTM-MW-1	C8L110371-007	Aqueous	12/10/2008
	MW-9	C8L110371-008	Aqueous	12/10/2008
	MW-13D	C8L110371-009	Aqueous	12/10/2008
	TRIP BLANK[1]	C8L110371-010	Aqueous (QC)	12/10/2008
	MW-16D	C8L110371-011	Aqueous	12/10/2008
	MW-1600D[4]	C8L110371-012	Aqueous (QC)	12/10/2008
C8L120342	TRIP BLANK[1]	C8L120342-001	Aqueous (QC)	12/11/2008
	MW-14D	C8L120342-002	Aqueous	12/11/2008
	MW-14	C8L120342-003	Aqueous	12/11/2008
	MW-1400[5]	C8L120342-004	Aqueous (QC)	12/11/2008
	MW-8	C8L120342-005	Aqueous	12/11/2008
	MW-8D	C8L120342-006	Aqueous	12/11/2008
	CTM-1	C8L120342-007	Aqueous	12/11/2008
	CTM-15	C8L120342-008	Aqueous	12/11/2008
	MW-15D	C8L120342-009	Aqueous	12/11/2008

(1): The trip blank was submitted for volatiles analysis only.
(2): Sample SB300(41.5-43.5) is the field duplicate of SB30(41.5-43.5).
(3): Sample SB440(38-40) is the field duplicate of SB44(38-40).
(4): Sample MW-1600D is the field duplicate of MW-16D.
(5): Sample MW-1400 is the field duplicate of MW-14.
(6): Sample MW-6 was analyzed for SVOCs only in this SDG.

Summary

Data quality for the organic analyses was evaluated by reviewing the following parameters: holding times, GC/MS tuning and performance standards, internal standards, initial and continuing calibrations, surrogate recoveries, laboratory control standards (LCSs), laboratory blanks, laboratory and field duplicates, compound identification, and compound quantitation.

Inorganic data quality was evaluated by reviewing the following parameters: holding times, matrix spikes, initial calibrations, continuing calibration verification standard recoveries, contract required detection limit standard recoveries, laboratory control samples, ICP interference check sample recoveries, ICP serial dilution results, field and laboratory duplicates, and laboratory blanks.

The data have been determined to be useable for the purpose of assessing the presence/absence and quantitative concentrations of the analytes in the media tested (i.e., soil and groundwater) with the qualifications described below. Several data points were qualified as estimates because of blank contamination, low method and/or instrument bias, matrix effects or sample heterogeneity, and method/field sampling imprecision. There were several instances of elevated reporting limits caused by the dilution required to bring the analyte concentrations into the calibration range and/or minimize matrix interferences. No data points were rejected. Completeness of 100% was achieved for this data set.

The data qualifier summaries are attached as Appendix B of this report. A glossary of data qualifier definitions is included in Appendix A of this report.

Each noncompliance with specific data usability criteria is discussed below. Support documentation for data qualifications was included in Appendix C of this report. Specific page references for the supporting documentation in the laboratory reports were provided in each item header.

1.0 Volatile Organic Compounds

C8G160152

a. Blank Contamination (See VOC Sections for SDGs C8L100288 and C8L120342): The common laboratory solvents methylene chloride and acetone were detected in the trip blanks associated with the aqueous samples collected for this project. In addition, methylene chloride was detected in the two aqueous samples that required analysis at a dilution: MW-1D and MW-11D. It was strongly suspected that the methylene chloride was in the reagent water used by the laboratory. Based on professional judgment, the methylene chloride and acetone results for the soil samples were qualified "U" at the reporting limits, because of laboratory contamination.

b. Calibrations (pp. 1124-1125): The continuing calibration percent differences or percent drifts (%Ds) for acetone, 2-butanone, 2-hexanone, and methyl acetate were greater than the quality control limit of 20% on 07/17/08 at 04:55 on instrument HP3. Sensitivity increased with respect to the initial calibration average relative response factor. All soil samples within this SDG were affected. The positive acetone results for samples TP12(5)W(8-8.5) and TP12(17)W(10.5-11) have been qualified "U," as undetected because of laboratory contamination; no other data qualifications were required. All other affected results were non-detect and data qualifications were not required in response to the high instrument bias.

C8G220214

a. Blank Contamination (See VOC Sections for SDGs C8L100288 and C8L120342): The common laboratory solvents methylene chloride and acetone were detected in the trip blanks associated with the aqueous samples collected for this project. In addition, methylene chloride was detected in the two aqueous samples that required analysis at a dilution: MW-1D and MW-11D. It was strongly suspected that the methylene chloride was in the reagent water used by the laboratory. Based on professional judgment, the methylene chloride and acetone results for the soil samples were qualified "U" at the reporting limits as undetected, because of laboratory contamination. Note: The acetone results for samples SB50(14.5-15) and SB50(22-24) were greater than the reporting limit and were qualified "U," as undetected, because of laboratory contamination.

b. Calibrations (pp. 1125-1126, 1131-1132): The continuing calibration %Ds for chloroethane, trichlorofluoromethane, tetrachloroethene, dibromochloromethane, 1,1,1,2-tetrachloroethane, and bromoform were greater than the quality control limit of 20% on 07/25/08 at 04:57 on instrument HP3. Sensitivity decreased with respect to the initial calibration average relative response factor. The chloroethane, trichlorofluoromethane, tetrachloroethene, dibromochloromethane, 1,1,1,2-tetrachloroethane, and bromoform results for affected sample SB50(22-24) were non-detect and were qualified "UJ," as estimates, because of low instrument bias.

   The continuing calibration %D for chloroethane was greater than the quality control limit of 20% on 07/28/08 at 05:30 on instrument HP3. Sensitivity decreased with respect to the initial calibration average relative response factor. The chloroethane results for affected samples SB50(14.5-15) and SB50(24-26) were non-detect and were qualified "UJ," as estimates, because of low instrument bias.

C8G260118

a. Blank Contamination (See VOC Sections for SDGs C8L100288 and C8L120342): The common laboratory solvents methylene chloride and acetone were detected in the trip blanks associated with the aqueous samples collected for this project. In addition, methylene chloride was detected in the

two aqueous samples that required analysis at a dilution: MW-1D and MW-11D. It was strongly suspected that the methylene chloride was in the reagent water used by the laboratory. Based on professional judgment, the methylene chloride and acetone results for the soil sample SB50(80-81) were qualified "U," as undetected, because of laboratory contamination.

b. Calibrations (pp. 1168, 1174-1175): The continuing calibration %D for chloroethane was greater than the quality control limit of 20% on 07/28/08 at 05:30 on instrument HP3. Sensitivity decreased with respect to the initial calibration average relative response factor. The chloroethane result for affected sample SB50(80-81) was non-detect and was qualified "UJ," as an estimate, because of low instrument bias.

   The continuing calibration %Ds for dichlorodifluoromethane and chloromethane were greater than the quality control limit of 20% on 07/29/08 at 07:30 on instrument HP5. Sensitivity increased with respect to the initial calibration average relative response factor. The dichlorodifluoromethane and chloromethane results for associated sample SB46(8-10) were non-detect. No data qualifications were required.

c. Reporting Limits (Form 1): Sample SB46(8-10) required analysis using the medium-level methanol soil extraction (MLS) method to bring the target compound concentrations into the calibration range. The reporting and detection limits are higher for MLS. The surrogate recoveries and calibrations were acceptable. No data qualifications were required.

C8H080154

a. Blank Contamination (See VOC Sections for SDGs C8L100288 and C8L120342): The common laboratory solvents methylene chloride and acetone were detected in the trip blanks associated with the aqueous samples collected for this project. In addition, methylene chloride was detected in the two aqueous samples that required analysis at a dilution: MW-1D and MW-11D. It was strongly suspected that the methylene chloride was in the reagent water used by the laboratory. Based on professional judgment, the acetone result for the soil sample SB49(8-10) was qualified "U" at the reporting limit, as undetected, because of laboratory contamination.

b. Calibrations (pp. 1179-1180, 1185-1186): The continuing calibration %Ds for dichlorodifluoromethane, carbon disulfide, and acetone were greater than the quality control limit of 20% on 08/11/08 at 05:39 on instrument HP3. Sensitivity decreased with respect to the initial calibration average relative response factor. The positive acetone result for SB49(8-10) was qualified "U," as undetected, because of laboratory contamination; no other qualifications are required. All other dichlorodifluoromethane, carbon disulfide, and acetone results for affected samples SB46(74-76), SB49(8-10), and SB49(72-74) were non-detect and were qualified "UJ," as estimates, because of low instrument bias.

   The continuing calibration %D for dichlorodifluoromethane was greater than the quality control limit of 20% on 08/14/08 at 07:32 on instrument HP5. Sensitivity increased with respect to the initial calibration average relative response factor. The dichlorodifluoromethane results for associated samples SB49(22-24) and SB49(28-30) were non-detect. No data qualifications were required.

c. Reporting Limits (Form 1): Samples SB49(22-24) and SB49(28-30) required analysis using the MLS method to bring the target compound concentrations into the calibration range. The reporting and detection limits are higher for MLS. The surrogate recoveries and calibrations were acceptable. No data qualifications were required.

C8I060176

a. Calibrations (pp. 1078-1079): The continuing calibration %Ds for carbon tetrachloride, dibromochloromethane, 1,1,1,2-tetrachloroethane, and bromoform were greater than the quality control limit of 20% on 09/12/08 at 07:32 on instrument HP5. Sensitivity increased with respect to the initial calibration average relative response factor. The carbon tetrachloride, dibromochloromethane, 1,1,1,2-tetrachloroethane, and bromoform results for affected sample SB51(23.5-25.5) were non-detect. No data qualifications were required.

b. Reporting Limits (Form 1): Sample SB51(23.5-25.5) required analysis using the MLS method to bring the benzene concentration into the calibration range. The reporting and detection limits are higher for MLS. The surrogate recoveries and calibrations were acceptable. No data qualifications were required.

C8J100124

a. Blank Contamination (pp. 1269-1270, See VOC Sections for SDGs C8L100288 and C8L120342): Methylene chloride was detected in the low-level soil method blank associated with preparation batch 8291500 at a concentration of 1.8 µg/Kg. The positive methylene chloride results for samples SB45(20-22), SB41(15-17), and SB41(20-22) were less than five times the blank level and less than the reporting limits and were qualified "U," at the reporting limits, because of laboratory contamination.

   The common laboratory solvents methylene chloride and acetone were detected in the trip blanks associated with the aqueous samples collected for this project. In addition, methylene chloride was detected in the two aqueous samples that required analysis at a dilution: MW-1D and MW-11D. It was strongly suspected that the methylene chloride was in the reagent water used by the laboratory. Based on professional judgment, the acetone result for the soil sample SB41(15-17) was qualified "U," as undetected, because of laboratory contamination.

b. Calibrations (pp. 1237-1238): The continuing calibration %Ds for acetone, 2-butanone, 1,2,4-trichlorobenzene, and methyl acetate were greater than the quality control limit of 20% on 10/07/08 at 09:34 on instrument HP4. Sensitivity decreased with respect to the initial calibration average relative response factor. The positive and non-detect acetone, 2-butanone, 1,2,4-trichlorobenzene, and methyl acetate results for associated sample SB45(8-10) were qualified "J/UJ," as estimates, because of low instrument bias.

c. Reporting Limits (Form 1): Sample SB45(8-10) required analysis using the MLS method to bring the target compound concentrations into the calibration range. The reporting and detection limits are higher for MLS. The surrogate recoveries and calibrations were acceptable. No data qualifications were required.

C8J110134

a. Blank Contamination (See VOC Sections for SDGs C8L100288 and C8L120342): The common laboratory solvents methylene chloride and acetone were detected in the trip blanks associated with the aqueous samples collected for this project. In addition, methylene chloride was detected in the two aqueous samples that required analysis at a dilution: MW-1D and MW-11D. It was strongly suspected that the methylene chloride was in the reagent water used by the laboratory. Based on professional judgment, the acetone and methylene chloride results for the soil sample SB40(50-52) were qualified "U" at the reporting limits, as undetected, because of laboratory contamination.

b. Calibrations (pp. 1220-1221, 1226-1227, 1231-1232): The MLS continuing calibration %Ds for acetone, 2-butanone, 1,2,4-trichlorobenzene, and methyl acetate were greater than the quality control

limit of 20% on 10/16/08 at 09:34 on instrument HP4. Sensitivity decreased with respect to the initial calibration average relative response factor. The acetone, 2-butanone, 1,2,4-trichlorobenzene, and methyl acetate results for affected sample SB36(10-12) were non-detect and were qualified "UJ," as estimates, because of low method bias.

The continuing calibration %Ds for trichlorofluoromethane, 1,1,2-trichloro-1,2,2-trifluoroethane, methylene chloride, and methyl acetate were greater than the quality control limit of 20% on 10/20/08 at 11:02 on instrument HP3. Sensitivity decreased with respect to the initial calibration average relative response factor for 1,1,2-trichloro-1,2,2-trifluoroethane, methylene chloride, and methyl acetate. The methylene chloride result for associated sample SB40(50-52) was qualified "U," as undetected, because of laboratory contamination; no further qualifications were required. The 1,1,2-trichloro-1,2,2-trifluoroethane and methyl acetate results for affected sample SB40(50-52) were non-detect and were qualified "UJ," as estimates, because of low instrument bias. Sensitivity increased with respect to the initial calibration average relative response factor for trichlorofluoromethane. The trichlorofluoromethane result was non-detect such that no data qualifications were required.

The continuing calibration %Ds for dichlorodifluoromethane, chloroethane, trichlorofluoromethane, acetone, 2-butanone, 4-methyl-2-pentanone, 2-hexanone, 1,1,2,2-tetrachloroethane, 1,2-dibromo-3-chloropropane, and methyl acetate were greater than the quality control limit of 20% on 10/21/08 at 07:23 on instrument HP3. Sensitivity decreased with respect to the initial calibration average relative response factor for acetone, 2-butanone, 4-methyl-2-pentanone, 2-hexanone, 1,1,2,2-tetrachloroethane, 1,2-dibromo-3-chloropropane, and methyl acetate. The acetone, 2-butanone, 4-methyl-2-pentanone, 2-hexanone, 1,1,2,2-tetrachloroethane, 1,2-dibromo-3-chloropropane, and methyl acetate results for affected sample SB40(14-16) were non-detect and were qualified "UJ," as estimates, because of low instrument bias. Sensitivity increased with respect to the initial calibration average relative response factor for dichlorodifluoromethane, chloroethane, and trichlorofluoromethane. The dichlorodifluoromethane, chloroethane, and trichlorofluoromethane results were non-detect such that no data qualifications were required.

c. Reporting Limits (Form 1): Sample SB36(10-12) required analysis using the MLS method to bring the target compound concentrations into the calibration range. The reporting and detection limits are higher for MLS. The surrogate recoveries and calibrations were acceptable. No data qualifications were required.

C8J160275

a. Calibrations (pp. 1155-1156, 1164-1165): The LLS continuing calibration %Ds for trichlorofluoromethane, acetone, and methyl acetate were greater than the quality control limit of 20% on 10/23/08 at 07:45 on instrument HP3. The continuing calibration %Ds for dichlorodifluoromethane, acetone, bromoform, and methyl acetate were greater than the quality control limit of 20% on 10/24/08 at 07:16 on instrument HP3. Sensitivity decreased with respect to the initial calibration average relative response factor for methyl acetate and increased for trichlorofluoromethane, acetone, dichlorodifluoromethane, and bromoform. The methyl acetate results for affected samples SB36(17.5-20), SB36(32.5-35), SB37(11-12), SB37(57.6-60), SB32(20-22.5), and SB32(42-47.5) were non-detect and were qualified "UJ," as estimates, because of low instrument bias while the non-detect trichlorofluoromethane, acetone, dichlorodifluoromethane, and bromoform results required no data qualification due to high instrument bias.

b. Reporting Limits (Form 1): Samples SB36(17.5-20), SB37(11-12), and SB32(20-22.5) required analysis at an initial five-fold dilution to bring the target compound concentrations into the calibration range. The dilutions elevated the reporting and detection limits. The surrogate recoveries and calibrations were acceptable. No data qualifications were required.

C8J220183

a. Blank Contamination (pp. 1250-1251, 1258-1259): Methylene chloride was detected in the method blank associated with LLS preparation batch 8303599 at a concentration estimated below the reporting limit. The positive methylene chloride results for associated soil samples SB38(45-47.5), SB31(47.5-50), SB39(32.5-35), and SB39(47.5-50) were qualified "U" at the reporting limits, as undetected, because of laboratory contamination.

   1,2,4-Trichlorobenzene was detected in the method blank associated with MLS preparation batch 8304449 at a concentration estimated below the reporting limit. The positive 1,2,4-trichlorobenzene result for associated soil sample SB38(22.5-25) was qualified "U" at the reporting limit, as undetected, because of laboratory contamination.

b. Calibrations (pp. 1152-1153, 1225-1226): The MLS initial calibration verification %Ds for dichlorodifluoromethane and chloroethane were greater than the quality control limit of 20% on 10/30/08 at 14:28 on instrument HP5. Sensitivity decreased with respect to the initial calibration average relative response factor for dichlorodifluoromethane. The dichlorodifluoromethane results for affected samples SB38(22.5-25) and SB31(25-27.5) were non-detect and were qualified "UJ," as estimates, because of low instrument bias. Sensitivity increased with respect to the initial calibration average relative response factor for chloroethane such that the non-detect chloroethane results required no data qualification.

   The LLS continuing calibration verification %Ds for acetone, dichlorodifluoromethane, carbon disulfide, and methylcyclohexane were greater than the quality control limit of 20% on 10/29/08 at 20:59 on instrument HP3. Sensitivity decreased with respect to the initial calibration average relative response factor for acetone. The acetone results for affected samples SB38(45-47.5), SB31(47.5-50), SB39(32.5-35), and SB39(47.5-50) were non-detect and were qualified "UJ," as estimates, because of low instrument bias. Sensitivity increased with respect to the initial calibration average relative response factor for dichlorodifluoromethane, carbon disulfide, and methylcyclohexane such that the non-detect chloroethane results required no data qualification.

c. Reporting Limits (Form 1): Samples SB39(32.5-35) and SB39(47.5-50) required analysis at an initial five-fold dilution to bring the target compound concentrations into the calibration range. The dilutions elevated the reporting and detection limits. The surrogate recoveries and calibrations were acceptable. No data qualifications were required.

   Samples SB38(22.5-25) and SB31(25-27.5) required extraction using the MLS method and analysis at an initial two-fold and five-fold dilution, respectively, to bring the target compound concentrations into the calibration range. The reporting and detection limits were elevated as required. The surrogate recoveries and calibrations were acceptable. No data qualifications were required.

C8J290111

a. Blank Contamination (pp. 1287-1288): Methylene chloride was detected in the method blank associated with LLS preparation batch 8304532 at a concentration estimated below the reporting limit. The positive methylene chloride results for associated soil samples SB34(42.5-45), SB33(35-37.5), SB28(33.5-35), SB28(47.5-50) and SB30(50-52.5) were qualified "U" at the reporting limits, as undetected, because of laboratory contamination.

b. Calibrations (pp. 1261-1262, 1268-1269): The LLS continuing calibration verification %Ds for 1,2,4-trichlorobenzene, 1,1,2-trichloro-1,2,2-trifluoroethane, carbon disulfide, and methylcyclohexane were greater than the quality control limit of 20% on 10/31/08 at 06:57 on instrument HP3. Sensitivity decreased with respect to the initial calibration average relative response factor for 1,2,4-

trichlorobenzene. The 1,2,4-trichlorobenzene results for affected samples SB34(42.5-45), SB33(35-37.5), SB28(33.5-35), SB28(47.5-50) and SB30(5-52.50) were non-detect and were qualified "UJ," as estimates, because of low instrument bias. Sensitivity increased with respect to the initial calibration average relative response factor for 1,1,2-trichloro-1,2,2-trifluoroethane, carbon disulfide, and methylcyclohexane such that the non-detect results required no data qualifications.

The MLS continuing calibration verification %Ds for acetone, 2-hexanone, and bromoform were greater than the quality control limit of 20% on 11/3/08 at 08:27 on instrument HP4. Sensitivity increased with respect to the initial calibration average relative response factor such that the non-detect results required no data qualifications.

c. Reporting Limits (Form 1): Samples SB34(32.5-35), SB33(22.5-25), SB30(41.5-43.5), and SB300(41.5-43.5) required extraction using the MLS method and analysis at an initial five-fold dilution to bring the target compound concentrations into the calibration range. The reporting and detection limits were elevated as required. The surrogate recoveries and calibrations were acceptable. No data qualifications were required.

C8K010195

a. Blank Contamination (pp. 1223-1224): Methylene chloride was detected in the method blank associated with MLS preparation batch 8316306 at a concentration estimated below the reporting limit. Methylene chloride was not detected in associated soil sample SB48(9-10). No data qualifications were required.

b. Calibrations (pp. 1115-1116, 1192-1193, 1197-1198): The LLS initial calibration verification %Ds for acetone and dichlorodifluoromethane were greater than the quality control limit of 20% on 11/06/08 at 00:36 on instrument HP3. Sensitivity decreased with respect to the initial calibration average relative response factor. The acetone and dichlorodifluoromethane results for affected samples SB26(35-37.5) and SB30(50-52.5) were non-detect and were qualified "UJ," as estimates, because of low instrument bias.

The continuing calibration verification %Ds for trichlorofluoromethane and isopropylbenzene were greater than the quality control limit of 20% on 11/7/08 at 06:03 on instrument HP3. Sensitivity increased with respect to the initial calibration average relative response factor. The non-detect trichlorofluoromethane and isopropylbenzene results for the affected samples did not require qualification.

The MLS continuing calibration verification %D for dichlorodifluoromethane was greater than the quality control limit of 20% on 11/11/08 at 07:36 on instrument HP4. Sensitivity decreased with respect to the initial calibration average relative response factor. The dichlorodifluoromethane result for affected sample SB48(9-10) was non-detect and was qualified "UJ," as an estimate, because of low instrument bias.

The MLS continuing calibration verification %Ds for bromomethane, 2-butanone, and 1,2,4-trichlorobenzene were greater than the quality control limit of 20% on 11/11/08 at 07:36 on instrument HP4. Sensitivity increased with respect to the initial calibration average relative response factor. The positive 1,2,4-trichlorobenzene result for affected sample SB48(9-10) was qualified "J," as an estimated concentration, because of high instrument bias. The non-detect bromomethane and 2-butanone results did not require qualification.

c. Reporting Limits (Form 1): Sample SB48(9-10) required extraction using the MLS method and analysis at an initial five-fold dilution to bring the target compound concentrations into the calibration

range. The reporting and detection limits were elevated as required. The surrogate recoveries and calibrations were acceptable. No data qualifications were required.

C8K040347

a. Blank Contamination (pp. 1228-1229): Methylene chloride was detected in the method blank associated with MLS preparation batch 8316306 at a concentration estimated below the reporting limit. Methylene chloride was not detected in associated soil samples SB43(40-42.5) and SB35(40-41.5). No data qualifications were required.

b. Calibrations (pp. 1120-1121, 1197-1198, 1202-1203): The LLS initial calibration verification %Ds for acetone and dichlorodifluoromethane were greater than the quality control limit of 20% on 11/06/08 at 00:36 on instrument HP3. Sensitivity decreased with respect to the initial calibration average relative response factor. The acetone and dichlorodifluoromethane results for affected samples SB43(50-52.5) and SB30(45-47.5) were non-detect and were qualified "UJ," as estimates, because of low instrument bias.

   The continuing calibration verification %Ds for trichlorofluoromethane and isopropylbenzene were greater than the quality control limit of 20% on 11/7/08 at 06:03 on instrument HP3. Sensitivity increased with respect to the initial calibration average relative response factor. The non-detect trichlorofluoromethane and isopropylbenzene results for the affected samples did not require qualification.

   The MLS continuing calibration verification %D for dichlorodifluoromethane was greater than the quality control limit of 20% on 11/11/08 at 07:36 on instrument HP4. Sensitivity decreased with respect to the initial calibration average relative response factor. The dichlorodifluoromethane result for affected samples SB43(40-42.5) and SB35(40-41.5) were non-detect and were qualified "UJ," as estimates, because of low instrument bias.

   The MLS continuing calibration verification %Ds for bromomethane, 2-butanone, and 1,2,4-trichlorobenzene were greater than the quality control limit of 20% on 11/11/08 at 07:36 on instrument HP4. Sensitivity increased with respect to the initial calibration average relative response factor. The non-detect bromomethane, 2-butanone, and 1,2,4-trichlorobenzene results did not require qualification.

c. Reporting Limits (Form 1): Samples SB43(40-42.5) and SB35(40-41.5) required extraction using the MLS method and analysis at an initial 100-fold and ten-fold dilution, respectively, to bring the target compound concentrations into the calibration range. The reporting and detection limits were elevated as required. The surrogate recoveries and calibrations were acceptable. No data qualifications were required.

C8K070273

a. Blank Contamination (pp. 1332-1333): Methylene chloride was detected in the method blank associated with MLS preparation batch 8316342 at a concentration estimated below the reporting limit. Methylene chloride was not detected in associated soil sample SB44(38-40). No data qualifications were required.

b. Calibrations (pp. 1272-1273, 1278-1279, 1284-1285, 1298-1299): The MLS continuing calibration verification %Ds for bromomethane, 2-butanone, 1,2,4-trichlorobenzene, and dichlorodifluoromethane were greater than the quality control limit of 20% on 11/11/08 at 07:36 on instrument HP4. Sensitivity decreased with respect to the initial calibration average relative response factor for dichlorodifluoromethane. The dichlorodifluoromethane result for affected sample SB44(38-40) was

non-detect and was qualified "UJ," as an estimate, because of low instrument bias. Sensitivity increased with respect to the initial calibration average relative response factor for bromomethane, 2-butanone, and 1,2,4-trichlorobenzene such that the non-detect results required no data qualification.

The LLS initial calibration verification %Ds for acetone and dichlorodifluoromethane were greater than the quality control limit of 20% on 11/06/08 at 00:36 on instrument HP3. Sensitivity decreased with respect to the initial calibration average relative response factor. The acetone and dichlorodifluoromethane results for affected sample SB44(52.5-55) were non-detect and were qualified "UJ," as estimates, because of low instrument bias.

The continuing calibration verification %D for trichlorofluoromethane was greater than the quality control limit of 20% on 11/10/08 at 04:47 on instrument HP3. Sensitivity increased with respect to the initial calibration average relative response factor such that the non-detect results required no qualification.

The MLS continuing calibration verification %D for acetone and styrene were greater than the quality control limit of 20% on 11/12/08 at 12:16 on instrument HP3. Sensitivity decreased with respect to the initial calibration average relative response factor for acetone. The acetone results for affected samples SB47(18-20.5) and SB47(38-40) were non-detect and were qualified "UJ," as estimates, because of low instrument bias. Sensitivity increased with respect to the initial calibration average relative response factor for styrene such that the non-detect results required no qualification.

c. Reporting Limits (Form 1): Samples SB47(18-20.5) and SB47(38-40) required analysis using the MLS method to bring the target compound concentrations into the calibration range. The reporting and detection limits are higher for MLS. The surrogate recoveries and calibrations were acceptable. No data qualifications were required.

   Samples SB44(38-40) and SB440(38-40) required extraction using the MLS method and analysis at an initial 50-fold dilution, to bring the target compound concentrations into the calibration range. The reporting and detection limits were elevated as required. The surrogate recoveries and calibrations were acceptable. No data qualifications were required.

C8L110357

a. Blank Contamination (pp. 1254-1255): Methylene chloride was detected in the method blank associated with LLS preparation batch 8352263 at a concentration estimated below the reporting limit. The positive methylene chloride result for associated soil sample SB54(11-12) was qualified "U" at the reporting limit, as undetected, because of laboratory contamination.

b. Calibrations (pp. 1226-1227, 1232-1233): The LLS continuing calibration verification %Ds for tetrachloroethene, acetone and 1,2-dibromo-3-chloropropane were greater than the quality control limit of 20% on 12/17/08 at 07:44 on instrument HP4. Sensitivity decreased with respect to the initial calibration average relative response factor for acetone and 1,2-dibromo-3-chloropropane. The acetone and 1,2-dibromo-3-chloropropane results for affected samples SB27(35-36), SB53(25-26), SB54(11-12), SB56(11-12), SB59(23-24), and SB57(11-12) were non-detect and were qualified "UJ," as estimates, because of low instrument bias. Sensitivity increased with respect to the initial calibration average relative response factor for tetrachloroethene such that the non-detect results required no qualification.

   The continuing calibration verification %D for acetone was greater than the quality control limit of 20% on 12/19/08 at 11:01 on instrument HP3. Sensitivity increased with respect to the initial calibration average relative response factor such that the non-detect results required no qualification.

c. Reporting Limits (Form 1): Sample SB59(15-16) required analysis using the MLS method to bring the target compound concentrations into the calibration range. The reporting and detection limits are higher for MLS. The surrogate recoveries and calibrations were acceptable. No data qualifications were required.

Sample SB27(23-23.5) required extraction using the MLS method and analysis at an initial ten-fold dilution, to bring the target compound concentrations into the calibration range. The reporting and detection limits were elevated as required. The surrogate recoveries and calibrations were acceptable. No data qualifications were required.

C8L100288

a. Blank Contamination (pp. 1085-1086): Methylene chloride was detected in the trip blank associated with the 12/09/08 sample shipment at a concentration of 0.42 µg/L. Methylene chloride was detected in the two samples that required analysis at a dilution: MW-1D and MW-11D. It was strongly suspected that the methylene chloride was in the reagent water used by the laboratory. The positive methylene chloride results for samples MW-1D and MW-11D were qualified "U," at the reporting limits, because of laboratory contamination.

b. Calibrations (pp. 1150-1152, 1165-1167): The initial calibration verification and continuing calibration %Ds for bromomethane were greater than the quality control limit of 20% on 12/17/08 at 13:15 and 12/18/08 at 08:02 on instrument HP5. Sensitivity increased with respect to the initial calibration average relative response factor. All samples within this SDG were affected. Bromomethane was not detected in any of the field samples within this SDG. No data qualifications were required.

c. Reporting Limits (Form 1): Samples MW-11D and MW-1D required analysis at an initial 25-fold and 1000-fold dilution, respectively, to bring the target compound concentration(s) into the calibration range. The dilution elevated the reporting and detection limits. The surrogate recoveries and calibrations were acceptable. No data qualifications were required.

C8L110371

a. Calibrations (pp. 1179-1181, 1187-1189, 1204-1206): The initial calibration verification %D for bromomethane was greater than the quality control limit of 20% on 12/17/08 at 08:19 on instrument HP5. Sensitivity increased with respect to the initial calibration average relative response factor. All samples within this SDG were affected. Bromomethane was not detected in any of the field samples within this SDG. No data qualifications were required.

The continuing calibration %D for dichlorodifluoromethane was greater than the quality control limit of 20% on 12/17/08 at 08:54 on instrument HP5. Sensitivity decreased with respect to the initial calibration average relative response factor. The dichlorodifluoromethane results for affected samples MW-7 and MW-9 were non-detect and was qualified "UJ," as estimates, because of low instrument bias.

The continuing calibration %D for bromomethane was greater than the quality control limit of 20% on 12/22/08 at 07:41 on instrument HP5. Sensitivity increased with respect to the initial calibration average relative response factor. Bromomethane was not detected in the affected samples MW-16D and MW-1600D. No data qualifications were required.

b. Reporting Limits (Form 1): Samples CTM-MW-1, MW-7D, MW-12D, and MW-13D required analysis at an initial 25-fold to 100-fold dilution to bring the target compound concentration(s) into the calibration range. The dilutions elevated the reporting and detection limits. The surrogate recoveries and calibrations were acceptable. No data qualifications were required.

C8L120342

a. Blank Contamination (pp. 12-13): Toluene and acetone were detected in the trip blank associated with the aqueous samples collected on 12/11/08. In addition, methylene chloride was detected in the one aqueous sample that required analysis at a dilution: CTM-15. It was strongly suspected that the methylene chloride was in the reagent water used by the laboratory. Based on professional judgment, the methylene chloride result for the groundwater sample CTM-15 was qualified "U" at the reporting limit, as undetected, because of laboratory contamination. The positive toluene results for samples CTM-15 and MW-15D were less than the reporting limit and less than five times the trip blank level and were qualified "U," at the reporting limit, because of laboratory contamination. Acetone was not detected in any of the associated field samples. No data qualifications were required for acetone.

b. Calibrations (pp. 1205-1207, 1274-1276, 1282, 1284, 1260-1262, 1268-1269): The initial calibration verification %D for bromomethane was greater than the quality control limit of 20% on 12/17/08 at 13:15 on instrument HP5. Sensitivity increased with respect to the initial calibration average relative response factor. All samples within this SDG were affected. Bromomethane was not detected in any of the field samples within this SDG. No data qualifications were required.

   The continuing calibration %D for bromomethane was greater than the quality control limit of 20% on 12/23/08 at 07:38 on instrument HP5. Sensitivity increased with respect to the initial calibration average relative response factor. Bromomethane was not detected in any of the field samples within this SDG. No data qualifications were required.

   The continuing calibration %D for dichlorodifluoromethane was greater than the quality control limit of 20% on 12/23/08 at 19:59 on instrument HP5. Sensitivity decreased with respect to the initial calibration average relative response factor. The dichlorodifluoromethane results for affected samples MW-1400, CTM-1, CTM-15, and MW-15D were non-detect and were qualified "UJ," as estimates, because of low instrument bias.

   The initial calibration verification %Ds for vinyl chloride and dichlorodifluoromethane were greater than the quality control limit of 20% on 12/17/08 at 14:49 on instrument HP6. Sensitivity decreased with respect to the initial calibration average relative response factor. Samples MW-14D and the trip blank were affected. The vinyl chloride and dichlorodifluoromethane results for affected samples MW-14D and the trip blank were non-detect and were qualified "UJ," as estimates, because of low instrument bias.

   The continuing calibration %Ds for dichlorodifluoromethane, 1,1,1-trichloroethane, carbon tetrachloride, isopropylbenzene, and methylcyclohexane were greater than the quality control limit of 20% on 12/21/08 at 07:48 on instrument HP6. Sensitivity increased with respect to the initial calibration average relative response factor. The positive isopropylbenzene result for associated sample MW-14D was qualified "J," as an estimated concentration, because of high instrument bias. All other affected compounds were not detected in the associated samples. No data qualifications were required in response to the high bias.

   The continuing calibration %Ds for acetone, 2-butanone, 4-methyl-2-pentanone, 2-hexanone, 1,2-dibromo-3-chloropropane, and methyl acetate were greater than the quality control limit of 20% on 12/21/08 at 07:48 on instrument HP6. Sensitivity decreased with respect to the initial calibration average relative response factor. The positive and non-detect acetone, 2-butanone, 4-methyl-2-pentanone, 2-hexanone, 1,2-dibromo-3-chloropropane, and methyl acetate results for associated samples MW-14D and TRIP BLANK were qualified "J/UJ," as estimates, because of low instrument bias.

c. Reporting Limits (Form 1): Samples CTM-MW-1, MW-7D, MW-12D, and MW-13D required analysis at an initial 25-fold to 100-fold dilution to bring the target compound concentration(s) into the calibration range. The dilutions elevated the reporting and detection limits. The surrogate recoveries and calibrations were acceptable. No data qualifications were required.

2.0 Semivolatile Organic Compounds

C8G160152

a. Calibrations (pp. 2263-2265): The continuing calibration %D for benzaldehyde was greater than the quality control limit of 20% on 07/22/08 at 00:58 on instrument 731. Sensitivity decreased with respect to the initial calibration average relative response factor. The benzaldehyde results for affected samples TP10(29)E(8-8.5), TP10(31)E(8-8.5), TP11(50)E(8-8.5), TP12(5)W(8-8.5), and TP12(17)W(10.5-11) were non-detect and were qualified "UJ," as estimates, because of low instrument bias.

b. Dilutions (Form 1s): Samples TP10(29)E(8-8.5) and TP12(5)W(8-8.5) were analyzed at initial dilutions to bring several target compound concentrations into the calibration range. The dilutions elevated the detection limits and reporting limits. The surrogate recoveries were acceptable. No data qualifications were required.

C8G220214

a. Calibrations (pp. 2185-2187): The continuing calibration %D for benzaldehyde was greater than the quality control limit of 20% on 07/28/08 at 00:25 on instrument 731. Sensitivity decreased with respect to the initial calibration average relative response factor. The benzaldehyde results for affected samples were non-detect and were qualified "UJ," as estimates, because of low instrument bias.

b. Dilutions (Form 1s): Sample SB50(14.5-15) was analyzed at an initial 10-fold dilution to bring the naphthalene and 2-methylnaphthalene concentrations into the calibration range. The dilution elevated the detection limits and reporting limits. The surrogate recoveries were acceptable. No data qualifications were required.

C8G260118

a. Calibrations (pp. 2090, 2092, 2151-2153): The initial calibration relative standard deviations (RSDs) for several target compounds were greater than the method specification limit of 15% on 06/12/08 on instrument 732. The positive benzo(b)fluoranthene and indeno(1,2,3-cd)pyrene results for sample SB46(8-10) were qualified "J" as estimated concentrations, because of the calibration nonconformance. All other associated results for samples SB46(8-10) and SB50(80-81) were non-detect and did not require qualification.

   The continuing calibration %Ds for benzaldehyde, benzo(b)fluoranthene, bis(2-ethylhexyl)phthalate, and 4-nitroaniline were greater than the quality control limit of 20% on 08/04/08 at 05:34 on instrument 732. Sensitivity decreased with respect to the initial calibration average relative response factor. The positive and non-detect benzaldehyde, benzo(b)fluoranthene, and 4-nitroaniline results for affected samples SB46(8-10) and SB50(80-81) were were qualified "J/UJ," as estimates, because of low instrument bias. Sensitivity increased with respect to the initial calibration average relative response factor for bis(2-ethylhexyl)phthalate. bis(2-Ethylhexyl)phthalate was not detected in the associated samples. No further data qualifications were required.

b. Dilutions (Form 1s): Sample SB46(8-10) was analyzed at an initial 10-fold dilution to bring several target compound concentrations into the calibration range. The dilution elevated the detection limits and reporting limits. The surrogate recoveries were acceptable. No data qualifications were required.

C8H080154

Calibrations (pp. 2184-2186): The continuing calibration %D for benzaldehyde was greater than the quality control limit of 20% on 08/12/08 at 23:07 on instrument 733. Sensitivity decreased with respect to the initial calibration average relative response factor. The benzaldehyde results for affected samples SB46(74-76), SB49(8-10), SB49(22-24), SB49(28-30), and SB49(72-74) were non-detect and were qualified "UJ," as estimates, because of low instrument bias.

C8I060176

Calibrations (pp. 2126-2128): The continuing calibration %Ds for benzaldehyde and hexachlorocyclopentadiene were greater than the quality control limit of 20% on 09/11/08 at 00:51 on instrument 733. Sensitivity decreased with respect to the initial calibration average relative response factor. The benzaldehyde and hexachlorocyclopentadiene results for affected sample SB51(23.5-25.5) were non-detect and were qualified "UJ," as estimates, because of low instrument bias.

C8J100124

a. Calibrations (pp. 2234-2236): The initial calibration RSDs for several target compounds were greater than the method specification limit of 15% on 10/02/08 on instrument 722. All associated results for samples SB45(8-10), SB45(20-22), SB41(15-17), and SB41(20-22) were non-detect and did not require qualification.

   The continuing calibration %Ds for hexachlorocyclopentadiene, 3,3'-dichlorobenzidine, atrazine, and 4-nitroaniline were greater than the quality control limit of 20% on 10/14/08 at 04:13 on instrument 722. Sensitivity decreased with respect to the initial calibration average relative response factor. The hexachlorocyclopentadiene, 3,3'-dichlorobenzidine, atrazine, and 4-nitroaniline results for affected samples SB45(8-10), SB45(20-22), SB41(15-17), SB41(20-22) were non-detect and were qualified "UJ," as estimates, because of low instrument bias.

b. Dilutions (p. 53, Form 1s): Sample SB45(8-10) was analyzed at an initial 20-fold dilution and a subsequent 4000-fold to bring several target compound concentrations into the calibration range. The dilutions diluted out the surrogates. There were sufficient acceptable quality control check results to show that the analytical process was in-control. The dilutions elevated the detection limits and reporting limits. No data qualifications were required.

   Sample SB41(15-17) was analyzed at an initial five-fold dilution to bring several target compound concentrations into the calibration range. The dilution elevated the detection limits and reporting limits. The surrogate recoveries were acceptable. No data qualifications were required.

C8J110134

a. Calibrations (pp. 2160-2162, 2168-2170): The initial calibration RSDs for several target compounds were greater than the method specification limit of 15% on 10/02/08 on instrument 722. All associated results for samples SB40(14-16) and SB36(10-12) were non-detect and did not require qualification.

   The continuing calibration %Ds for hexachlorocyclopentadiene and atrazine were greater than the quality control limit of 20% on 10/17/08 at 04:53 on instrument 722. Sensitivity decreased with respect to the initial calibration average relative response factor. The hexachlorocyclopentadiene and atrazine results for affected samples SB40(14-16) and SB36(10-12) were non-detect and were qualified "UJ," as estimates, because of low instrument bias.

The continuing calibration %Ds for hexachlorocyclopentadiene, 2,4-dinitrophenol, atrazine, indeno(1,2,3-cd)pyrene, dibenz(a,h)anthracene, and benzo(g,h,i)perylene were greater than the quality control limit of 20% on 10/21/08 at 05:12 on instrument 722. Sensitivity decreased with respect to the initial calibration average relative response factor. The hexachlorocyclopentadiene, 2,4-dinitrophenol, atrazine, indeno(1,2,3-cd)pyrene, dibenz(a,h)anthracene, and benzo(g,h,i)perylene results for affected sample SB40(50-52) were non-detect and were qualified "UJ," as estimates, because of low instrument bias.

b. Dilutions (pp. 51, Form 1s): Sample SB36(10-12) was analyzed at an initial 20-fold dilution to bring several target compound concentrations into the calibration range. The dilution diluted out the surrogates. There were sufficient acceptable quality control check results to show that the analytical process was in-control. The dilution elevated the detection limits and reporting limits. No data qualifications were required.

C8J160275

a. Calibrations (pp. 2224, 2226, 2260-2262, 2271-2273): The initial calibration RSDs for several target compounds were greater than the method specification limit of 15% on 09/30/08 on instrument 732. The positive benzo(b)fluoranthene and indeno(1,2,3-cd)pyrene results for samples SB36(17.5-20), SB37(11-12), SB32(20-22.5) were qualified "J," as estimated concentrations, because of the initial calibration nonconformance.

   The continuing calibration %Ds for benzaldehyde, hexachlorocyclopentadiene, 2,4-dinitrophenol, and atrazine were greater than the quality control limit of 20% on 10/23/08 at 06:1 on instrument 732. Sensitivity decreased with respect to the initial calibration average relative response factor. The benzaldehyde, hexachlorocyclopentadiene, 2,4-dinitrophenol, and atrazine results for affected samples SB36(17.5-20), SB37(11-12), and SB32(20-22.5) were non-detect and were qualified "UJ," as estimates, because of low instrument bias.

   The continuing calibration %Ds for benzaldehyde, 2,4-dinitrophenol, atrazine, and benzo(k)fluoranthene were greater than the quality control limit of 20% on 10/24/08 at 15:01 on instrument 732. Sensitivity decreased with respect to the initial calibration average relative response factor. The benzaldehyde, 2,4-dinitrophenol, atrazine, and benzo(k)fluoranthene results for affected samples SB36(32.5-35), SB32(42-47.5), and SB37(57.6-60) were non-detect and were qualified "UJ," as estimates, because of low instrument bias.

b. Surrogate Recoveries (p. 64): The 2,4,6-tribromophenol surrogate recoveries for samples SB37(11-12) and SB36(17.5-20) were less than the lower quality control limit but greater than 10%. No data qualifications were required.

   Samples SB37(11-12) and SB32(20-22.5) required analysis at dilutions high enough to dilute out the surrogates. There were sufficient, acceptable quality control check results to show that the analytical process was in-control. No data qualifications were required.

c. Dilutions (Form 1s): Samples SB36(17.5-20), SB32(20-22.5), and SB37(11-12) was analyzed at an initial dilution to bring several target compound concentrations into the calibration range. The initial or subsequent dilution diluted out the surrogates. There were sufficient acceptable quality control check results to show that the analytical process was in-control. The dilution elevated the detection limits and reporting limits. No data qualifications were required.

C8J220183

a. Calibrations (pp.2199, 2297-2299, 2300-2302): The initial calibration RSD for benzaldehyde was greater than the method specification limit of 15% on 10/08/08 on instrument 733. The initial calibration verification standard recovery for benzaldehyde was greater than the upper quality control limit of 120%. All samples within this SDG were affected. All benzaldehyde results were non-detect and were qualified "UJ," as estimates, because of the calibration nonconformance.

The continuing calibration %Ds for hexachlorocyclopentadiene and benzo(b)fluoranthene were greater than the quality control limit of 20% on 10/27/08 at 02:57 on instrument 733. Sensitivity decreased with respect to the initial calibration average relative response factor. The positive and non-detect hexachlorocyclopentadiene and benzo(b)fluoranthene results for affected samples SB38(22.5-25), SB38(45-47.5), SB31(25-27.5), SB31(47.5-50), SB39(32.5-35), and SB39(47.5-50) were qualified "J" and "UJ," as estimates, because of low instrument bias.

b. Dilutions (Form 1): Samples SB38(22.5-25) and SB39(32.5-35) required analysis at a dilution to bring the target compound concentration(s) into the calibration range. The initial surrogate recoveries and calibrations were acceptable. No data qualifications were required.

C8J290111

a. Calibrations (pp.2302, 2308-2310, 2369-2371, 2456-2458): The initial calibration RSDs for benzaldehyde, 2,4-dinitrophenol, 4,6-dinitro-2-methylphenol, and atrazine were greater than the method specification limit of 15% on 10/02/08 on instrument 722. The initial calibration verification standard recovery for 2,4-dinitrophenol was greater than the upper quality control limit of 120%. All samples within this SDG were affected. All benzaldehyde, 2,4-dinitrophenol, 4,6-dinitro-2-methylphenol, and atrazine results were non-detect and were qualified "UJ," as estimates, because of the calibration nonconformance.

The continuing calibration %Ds for benzaldehyde, hexachlorocyclopentadiene, atrazine, and 3,3'-dichlorobenzidine were greater than the quality control limit of 20% on 11/06/08 at 03:38 on instrument 722. Sensitivity decreased with respect to the initial calibration average relative response factor. The benzaldehyde, hexachlorocyclopentadiene, atrazine, and 3,3'-dichlorobenzidine results for affected samples SB34(32.5-35), SB34(42.5-45), SB33(22.5-25), SB33(35-37.5), SB28(33.5-35), SB28(47.5-50), SB30(41.5-43.5), SB30(50-52.5) and SB300(41.5-43.5) were non-detect and were qualified "UJ," as estimates, because of low instrument bias.

b. Dilutions (Form 1): Samples SB34(32.5-35) and SB33(22.5-25) required analysis at an initial five-fold dilution to bring the target compound concentration(s) into the calibration range. The surrogate recoveries and calibrations were acceptable. No data qualifications were required.

Samples SB30(41.5-43.5) and SB300(41.5-43.5) required analysis at an initial 20-fold and subsequent 40-fold dilution to bring the target compound concentrations into the calibration range. The surrogates were diluted out and could not be used to assess method accuracy. There were sufficient, acceptable quality control check results to show that the analytical process was in-control. No data qualifications were required.

c. Matrix Spike Recoveries and RPDs (pp.2005-2006): Sample SB34(32.5-35) was processed as the MS/MSD sample. The SB34(32.5-35) MS and/or MSD recoveries for compounds acenaphthene, naphthalene, pyrene, and 2,4-dinitrotoluene were greater than the upper advisory limits. The positive acenaphthene, naphthalene, and pyrene results for sample SB34(32.5-35) were qualified "J," as estimated concentrations, because of high bias attributable to matrix effects. 2,4-Dinitrotoluene was not detected in sample SB34(32.5-35); no data qualifications were required in response to the high bias.

C8K010195

a. Calibrations (pp.2218-2220): The continuing calibration %Ds for benzaldehyde and hexachlorocyclopentadiene were greater than the quality control limit of 20% on 11/13/08 at 01:48 on instrument 731. Sensitivity decreased with respect to the initial calibration average relative response factor. The benzaldehyde and hexachlorocyclopentadiene results for affected samples SB26(35-37.5), SB48(9-10), and SB48(27.5-30) were non-detect and were qualified "UJ," as estimates, because of low instrument bias.

b. Dilutions (Form 1): Sample SB48(9-10) required analysis at a initial 100-fold and subsequent 250-fold dilution to bring the target compound concentrations into the calibration range. The surrogates were diluted out and could not be used to assess method accuracy. There were sufficient, acceptable quality control check results to show that the analytical process was in-control. No data qualifications were required.

C8K040347

a. Calibrations (pp.2258-2260, 2261-2263): The continuing calibration %D for hexachlorocyclopentadiene and 2,4-dinitrophenol were greater than the quality control limit of 20% on 11/15/08 at 08:24 on instrument 731. Sensitivity decreased with respect to the initial calibration average relative response factor for hexachlorocyclopentadiene. The hexachlorocyclopentadiene results for affected samples SB43(40-42.5), SB43(50-52.5), SB35(40-41.5), and SB35(45-47.5) were non-detect and were qualified "UJ," as estimates, because of low instrument bias. Sensitivity increased with respect to the initial calibration average relative response factor for 2,4-dinitrophenol such that the non-detect results required no qualification.

b. Dilutions (Form 1): Sample SB43(40-42.5) required analysis at a initial 100-fold, and subsequent 400-fold dilution to bring the naphthalene concentration into the calibration range. The surrogates were diluted out and could not be used to assess method accuracy. There were sufficient, acceptable quality control check results to show that the analytical process was in-control. No data qualifications were required.

   Sample SB35(40-41.5) required analysis at a five-fold dilution to bring the phenanthrene concentration into the calibration range. The surrogate recoveries and calibrations were acceptable. No data qualifications were required.

C8K070273

a. Calibrations (pp.2291-2296): The continuing calibration %Ds for hexachlorocyclopentadiene and 2,4-dinitrophenol were greater than the quality control limit of 20% on 11/15/08 at 08:24 on instrument 731. Sensitivity decreased with respect to the initial calibration average relative response factor for hexachlorocyclopentadiene. The hexachlorocyclopentadiene results for affected samples SB44(38-40), SB440(38-40), SB44(52.5-55), SB47(18-20.5) and SB47(38-40) were non-detect and were qualified "UJ," as estimates, because of low instrument bias. Sensitivity increased with respect to the initial calibration average relative response factor for 2,4-dinitrophenol such that the non-detect results required no qualification.

b. Dilutions (Form 1): Samples SB44(38-40)and SB440(38-40) required analysis at a initial 100-fold, and subsequent 400-fold dilution to bring the naphthalene concentration into the calibration range. The surrogates were diluted out and could not be used to assess method accuracy. There were sufficient, acceptable quality control check results to show that the analytical process was in-control. No data qualifications were required.

C8L110357

a. Calibrations (pp.2234-2236, 2238-2240): The continuing calibration %Ds for 2-nitroaniline, 2,4-dinitrophenol, 4-nitrophenol, and 4,6-dinitro-2-methylphenol were greater than the quality control limit of 20% on 12/13/08 at 07:16 on instrument 733. Sensitivity increased with respect to the initial calibration average relative response factors. 2-Nitroaniline, 2,4-dinitrophenol, 4-nitrophenol, and 4,6-dinitro-2-methylphenol results were not detected in associated samples SB27(23-23.5), SB27(35-36), SB53(25-26), SB54(11-12), SB56(11-12), SB57(11-12), SB59(15-16), and SB59(23-24). No data qualifications were required in response to the high instrument bias.

b. Dilutions (Form 1): Sample SB27(23-23.5) required analysis at a initial 10-fold, and subsequent 100-fold dilution to bring the naphthalene, fluorene, and phenanthrene concentrations into the calibration range. The initial (i.e., 10-fold dilution analysis) surrogate recoveries were acceptable. The surrogates were diluted out of the 100-fold dilution analysis and could not be used to assess method accuracy. There were sufficient, acceptable quality control check results to show that the analytical process was in-control. No data qualifications were required.

C8L100288

Calibrations (pp. 2200-2202, 2203-2206): The continuing calibration %D for 2,4-dinitrophenol was greater than the quality control limit of 20% on 12/18/08 at 23:58 on instrument 733. Sensitivity increased with respect to the initial calibration average relative response factor. 2,4-Dinitrophenol was not detected in any of the groundwater associated samples. No data qualifications were required in response to the high instrument bias.

C8L110371

a. Calibrations (pp.2217, 2219- 2222, 2224-2225, 2227-2228, 2285-2287, 2292-2294, 2300-2302): The initial calibration RSDs for benzaldehyde, 4-chloroaniline, hexachlorocyclopentadiene, 3-nitroaniline, 2,4-dinitrophenol, 4-nitroaniline, 4,6-dinitro-2-methylphenol, 3,3'-dichlorobenzidine and bis(2-ethylhexyl)phthalate were greater than the method specification limit of 15% on 12/18/08 on instrument 722. The initial calibration verification standard recovery for benzaldehyde was greater than the upper quality control limit of 120%. All samples within this SDG were affected. The positive and non-detect benzaldehyde, 4-chloroaniline, hexachlorocyclopentadiene, 3-nitroaniline, 2,4-dinitrophenol, 4-nitroaniline, 4,6-dinitro-2-methylphenol, 3,3'-dichlorobenzidine and bis(2-ethylhexyl)phthalate results were qualified "J" and "UJ," as estimates, because of the calibration nonconformance.

   The continuing calibration %D for hexachlorocyclopentadiene was greater than the quality control limit of 20% on 12/23/08 at 04:01 on instrument 722. The continuing calibration %D for 3,3'-dichlorobenzidine was greater than the quality control limit of 20% on 12/24/08 at 03:02 on instrument 722. Sensitivity decreased with respect to the initial calibration average relative response factors. The hexachlorocyclopentadiene and 3,3'-dichlorobenzidine results for the affected samples were non-detect and were qualified "UJ," as estimates, because of low instrument bias.

   The continuing calibration %Ds for 2,4-dinitrophenol and 4,6-dinitro-2-methylphenol were greater than the quality control limit of 20% on 12/23/08 at 04:01 and on 12/24/08 at 03:02 on instrument 722. Sensitivity increased with respect to the initial calibration average relative response factor. The 2,4-dinitrophenol and 4,6-dinitro-2-methylphenol results for all field samples within this SDG were non-detect. No further data qualifications were required in response to the high instrument bias.

b. Dilutions (Form 1): Sample MW-12D required analysis at an 18.8-fold secondary dilution to bring the naphthalene concentration into the calibration range. The surrogate recoveries for the undiluted sample analysis and calibrations were acceptable. No data qualifications were required.

Samples MW-7D, CTM-MW-1, and MW-13 required analysis at an initial 10-fold to bring the naphthalene concentration into the calibration range. The surrogates recoveries and calibrations were acceptable. The dilutions elevated the sample quantitation and method detection limits. No data qualifications were required.

C8L120342

a. Calibrations (pp.2198-2200, 2205-2207): The continuing calibration %D for 2,4-dinitrophenol were greater than the quality control limit of 20% on 12/22/08 at 03:52 on instrument 731. Sensitivity decreased with respect to the initial calibration average relative response factors. The 2,4-dinitrophenol results for associated samples MW-14D, MW-14, MW-1400, CTM-1, CTM-15, and MW-15D were non-detect and were qualified "UJ," as estimates, because of low instrument bias.

The continuing calibration %Ds for acetophenone, nitrobenzene, 4-nitrophenol and 4-chlorophenyl-phenylether were greater than the quality control limit of 20% on 12/22/08 at 03:52 on instrument 731. Sensitivity increased with respect to the initial calibration average relative response factor. The acetophenone, nitrobenzene, 4-nitrophenol and 4-chlorophenyl-phenylether concentrations in associated samples MW-14D, MW-14, MW-1400, CTM-1, CTM-15, and MW-15D were non-detect. No data qualifications were required in response to the high instrument bias.

The continuing calibration %D for 4-nitrophenol was greater than the quality control limit of 20% on 12/26/08 at 04:19 on instrument 731. Sensitivity increased with respect to the initial calibration average relative response factors. The 4-nitrophenol results for associated samples MW-8 and MW-8D were non-detect. No data qualifications were required in response to the high instrument bias.

The continuing calibration %D for 3,3'-dichlorobenzidine was greater than the quality control limit of 20% on 12/26/08 at 04:19 on instrument 731. Sensitivity decreased with respect to the initial calibration average relative response factors. The 3,3'-dichlorobenzidine results for associated samples MW-8 and MW-8D were non-detect and were qualified "UJ," as estimates, because of low instrument bias.

b. Dilutions (Form 1): Samples MW-8D and MW-8 required analysis at an initial 47-fold and 380-fold dilution, respectively, to bring the target compound concentration(s) into the calibration range. The surrogates were diluted out of the analyses and could not be used to assess method accuracy. There were sufficient, acceptable quality control check results to show that the analytical process was in-control. No data qualifications were required.

3.0 Trace Metals

C8G160152

a. Blank Contamination (pp. 3018-3019, 3043, 3045-3046): Aluminum, silver, and zinc were detected in preparation blank associated with batch 8206318 at concentrations less than the quantitation limits. Cobalt and thallium were detected in the 07/27/08 ICP initial calibration blank. Antimony, beryllium, and thallium were detected in the associated 07/27/08 ICP continuing calibration blanks (CCB6 and CCB7) at concentrations less than the quantitation limits. The 07/27/08 ICP initial and continuing calibration blank results were negative for sodium (CCB6 and CCB7). The associated results were qualified as required. See Section 3.0 of this report for details.

b. Matrix Spike Recovery and RPDs (pp.3031-3034): Sample TP12(5)W(8-8.5) was prepared as the MS/MSD sample for ICP batch 8206318. The aluminum, calcium, and iron spikes added to TP12(5)W(8-8.5) MS/MSD were less than 25% of the original sample results. The spike recoveries and RPDs could not be calculated. The effect of matrix on these determinations could not be evaluated. No data qualifications were required.

C8G220214

a. Blank Contamination (pp. 3039, 3041-3042): Zinc was detected in preparation blank associated with batch 8213170 at a concentration less than the quantitation limit. Manganese was detected in the associated 08/11/08 ICP initial calibration blank at a concentration less than the quantitation limit. One or more of the 08/11/08 ICP initial and/or continuing calibration blank results were negative for sodium (CCB7 and CCB8). The associated results were qualified as required. See Section 3.0 of this report for details.

b. Matrix Spike Recovery and RPDs (pp. 3022-3026): Sample SB50(24-26) was prepared as the MS/MSD sample for ICP batch 8213170. The aluminum and iron spikes added to SB50(24-26) MS/MSD were less than 25% of the original sample results. The spike recoveries and RPDs could not be calculated. The effect of matrix on these determinations could not be evaluated. No data qualifications were required.

Sample SB50(14.5-15) was prepared as the MS/MSD sample for mercury CVAA batch 8217026. The mercury spike added to SB50(14.5-15) MS/MSD was less than 25% of the original sample result. The spike recoveries and RPDs could not be calculated. The effect of matrix on the mercury determinations could not be evaluated. No data qualifications were required.

C8G260118

Blank Contamination (pp. 3009-3011, 3034, 3036-3037): Iron and manganese were detected in preparation blank associated with batch 8213170 at concentrations less than the quantitation limits. Silver was detected in the associated 08/12/08 ICP initial calibration blank at a concentration less than the quantitation limit. The 08/12/08 ICP initial and continuing calibration blank results were negative for sodium (CCB7 and CCB8). The associated results were qualified as required. See Section 3.0 of this report for details.

C8H080154

a. Blank Contamination (pp. 3019-3020, 3042, 3044): Manganese was detected in preparation blank associated with batch 8233156 at a concentration less than the quantitation limit. Antimony, barium, beryllium, cobalt, lead, and silver were detected in the associated 08/25/08 ICP initial and/or

calibration blanks at concentrations less than the quantitation limits. One or more of the 08/25/08 ICP initial and/or continuing calibration blank results were negative for aluminum, magnesium, sodium, chromium, and nickel (CCB1 and CCB2). The associated results were qualified as required. See Section 3.0 of this report for details.

b. Matrix Spike Recovery and RPDs (pp. 3031-3034): Sample SB46(74-76) was prepared as the MS/MSD sample for ICP batch 8233156 and mercury batch 8225044. The aluminum, calcium, iron, and manganese spikes added to SB46(74-76) MS/MSD were less than 25% of the original sample results. The spike recoveries and RPDs could not be calculated. The effect of matrix on these determinations could not be evaluated. No data qualifications were required.

c. ICP Reporting Limit Verification Standard Recovery (pp. 3040, 3086-3087): The reporting limit standard recoveries for iron and selenium were less than the lower specification limit of 70%, but greater than 50% for the 08/25/08 ICP run. All associated iron results were greater than twice the sample quantitation limits. No data qualifications were required for iron. The selenium results for associated samples SB46(74-76), SB49(8-10), SB49(22-24), SB49(28-30), and SB49(72-74) were non-detect and were qualified "UJ," as estimates, because of low bias at the reporting limit.

C8I060176

Blank Contamination (pp. 3006-3007, 3032, 3034): Silver and zinc were detected in preparation blank associated with batch 8261206 at concentrations less than the quantitation limits. Barium, chromium, cobalt, manganese and silver were detected in the associated 09/18/08 ICP initial and/or continuing calibration blanks at concentrations less than the quantitation limits. The associated 09/18/08 ICP initial and continuing calibration blank results were negative for sodium (ICV and CCB1). The associated results were qualified as required. See Section 3.0 of this report for details.

C8J100124

a. Blank Contamination (pp. 3015-3016, 3042-3047): Calcium, iron, and zinc were detected in preparation blank associated with batch 8289530 at concentrations less than the quantitation limits. Beryllium was detected in the associated 10/23/08 ICP initial and/or continuing calibration blanks at concentrations less than the quantitation limits. The associated 10/23/08 ICP initial and continuing calibration blank results were negative for sodium (CCB5 and CCB6). The 10/20/08 initial and continuing calibration blanks for mercury were negative. The associated results were qualified as required. See Section 3.0 of this report for details.

b. Matrix Spike Recovery and RPDs (p. 3025): Sample SB45(8-10) was prepared as the MS/MSD sample mercury batch 8294184. The mercury spike added to SB45(8-10) MS/MSD was less than 25% of the original sample results. The spike recoveries and RPDs could not be calculated. The effect of matrix on the mercury determinations could not be evaluated. No data qualifications were required.

C8J110134

Blank Contamination (pp. 3012-3013, 3038, 3040): Calcium, iron, and zinc were detected in preparation blank associated with batch 8290475 at concentrations less than the quantitation limits. Beryllium was detected in the associated 10/17/08 ICP initial and continuing calibration blanks at concentrations less than the quantitation limits. The associated 10/17/08 ICP initial and continuing calibration blank results were negative for sodium (ICV and CCB2). The associated results were qualified as required. See Section 3.0 of this report for details.

C8J160275

a. Blank Contamination (pp. 3021-3023, 3052-3058): Silver, aluminum, barium, beryllium, calcium, cadmium, iron, magnesium, nickel, and zinc were detected in preparation blank associated with batch 8296214 at concentrations less than the quantitation limits. Mercury was detected in preparation blank associated with batch 8303021 at a concentration less than the quantitation limit. Aluminum, beryllium, cadmium, iron, silver, and zinc were detected in the associated 11/02/08 ICP initial and/or calibration blanks at concentrations less than the quantitation limits. One or more of the 11/02/08 ICP initial and/or continuing calibration blank results were negative for copper and sodium. (CCB9 and CCB10). Chromium was detected in the ICV and one or more of the 11/06/08 ICP continuing calibration blanks (CCB6 and CCB7). The associated results were qualified as required. See Section 3.0 of this report for details.

b. Matrix Spike Recovery and RPDs (pp. 3034-3038): Sample SB36(17.5-20) was prepared as the MS/MSD sample for ICP batch 8296214. The aluminum and iron spikes added to SB36(17.5-20) MS/MSD were less than 25% of the original sample results. The spike recoveries and RPDs could not be calculated. The effect of matrix on these determinations could not be evaluated. No data qualifications were required.

   The SB36(17.5-20) MS/MSD recoveries for antimony were less than the lower advisory limit of 75%, but greater than 30%. The positive and non-detect antimony results for associated samples SB36(17.5-20), SB36(32.5-35), SB37(11-12), SB37(57.6-60), SB32(20-22.5), and SB32(42-47.5) were qualified "J-" and "UJ," as estimates, because of matrix effects.

c. ICP Serial Dilution (p. 3065): Sample SB36(17.5-20) was analyzed as the ICP serial dilution sample. The percent difference for zinc was greater than the specification limit of 10%. The zinc results for associated samples SB36(17.5-20), SB36(32.5-35), SB37(11-12), SB37(57.6-60), SB32(20-22.5), and SB32(42-47.5) were positive and were qualified "J," as estimated concentrations, because of physical/chemical matrix interference.

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C8J220183

a. Blank Contamination (pp. 3021-3023, 3048, 3050-3051): Beryllium, cadmium, silver, and zinc were detected in preparation blank associated with batch 8303105 at concentrations less than the quantitation limits. Beryllium, thallium, and zinc were detected in the associated 10/31/08 ICP initial and/or continuing calibration blanks at concentrations less than the quantitation limits (CCB7 and CCB8). The 10/31/08 ICP initial and continuing calibration blank results were negative for sodium. The associated results were qualified as required. See Section 3.0 of this report for details.

b. ICP Reporting Limit Verification Standard Recovery (pp. 3046): The reporting limit standard recovery for selenium was greater than the upper specification limit of 130% for the 10/30-31/08 ICP run. The selenium results for associated samples were non-detect. No data qualifications were required in response to the high bias at the reporting limit.

C8J290111

Blank Contamination (pp. 3030-3032, 3058, 3060-3061): Beryllium, calcium, iron, and zinc were detected in the preparation blank associated with batch 8306097 at concentrations less than the quantitation limits. Beryllium, chromium, selenium, and zinc were detected in the associated 11/06/08 ICP initial and/or continuing calibration blanks at concentrations less than the quantitation limits (CCB9 and CCB10). The 11/06/08 ICP initial and continuing calibration blank results were negative for sodium, CCB9 was negative for cadmium. The associated results were qualified as required. See Section 3.0 of this report for details.

C8K010195

Blank Contamination (pp. 3012-3014, 3038, 3040): Zinc was detected in the preparation blank associated with batch 8316240 at a concentration less than the quantitation limit. The 11/12/08 ICP initial and continuing calibration blank results were negative for sodium. The associated results were qualified as required. See Section 3.0 of this report for details.

C8K040347

Blank Contamination (pp. 3015-3017, 3041, 3043): Chromium and zinc were detected in preparation blank associated with batch 8317212 at concentrations less than the quantitation limits. Beryllium was detected in the associated 11/14/08 ICP initial and continuing calibration blanks at concentrations less than the quantitation limits (CCB1 and CCB2). The 11/14/08 ICP initial and continuing calibration blank results were negative for sodium. The associated results were qualified as required. See Section 3.0 of this report for details.

C8K070273

a. Blank Contamination (pp. 3018-3020, 3043, 3045-3046): Chromium, iron, nickel, vanadium, and zinc were detected in preparation blank associated with batch 8318216 at concentrations less than the quantitation limits. Beryllium, calcium, chromium, and zinc were detected in the associated 11/23/08 ICP initial and/or calibration blanks at concentrations less than the quantitation limits (CCB2 – CCB5). The 11/23/08 ICP initial and continuing calibration blank results were negative for sodium. The associated results were qualified as required. See Section 3.0 of this report for details.

b. Matrix Spike Recovery and RPDs (pp. 3031-3034): Sample SB44(52.5-55) was prepared as the MS/MSD sample for ICP batch 8318216. The aluminum, calcium, and iron spikes added to SB44(52.5-55) MS/MSD were less than 25% of the original sample results. The spike recoveries and RPDs could not be calculated. The effect of matrix on these determinations could not be evaluated. No data qualifications were required.

c. ICP Serial Dilution (p. 3051): Sample SB44(52.5-55) was analyzed as the ICP serial dilution sample. The percent difference for zinc was greater than the specification limit of 10%. The zinc results for associated samples SB47(18-20.5), SB47(38-40), SB44(38-40), SB440(38-40), and SB44(52.5-55) were positive and were qualified "J," as estimated concentrations, because of physical/chemical matrix interference.

d. Field Duplicate Precision (pp. 88-93): Sample SB440(38-40) was the field duplicate of sample SB440(38-40). The RPD between the calcium results was greater than the advisory limit of 50%. The calcium results for samples SB47(18-20.5), SB47(38-40), SB44(38-40), SB440(38-40), and SB44(52.5-55) were positive and were qualified "J," as estimated concentrations, because of field sampling/laboratory imprecision and/or sample heterogeneity. See Section 5.0 for details.

C8L110357

a. . Blank Contamination (pp. 3027-3029, 3055, 3057-3059): Beryllium and zinc were detected in preparation blank associated with batch 8347504 at concentrations less than the quantitation limits. Beryllium, selenium, and zinc were detected in the associated 12/23/08 ICP initial and/or calibration blanks at concentrations less than the quantitation limits (CCB10 – CCB12). The 12/23/08 ICP initial and continuing calibration blank results were negative for sodium. The associated results were qualified as required. See Section 3.0 of this report for details.

b. Matrix Spike Recovery and RPDs (pp. 3042-3045): Sample SB59(15-16) was prepared as the MS/MSD sample for ICP batch 8347504. The aluminum and iron spikes added to SB59(15-16) MS/MSD were less than 25% of the original sample results. The spike recoveries and RPDs could not be calculated. The effect of matrix on these determinations could not be evaluated. No data qualifications were required.

c. ICP Serial Dilution (p. 3064): Sample SB59(15-16) was analyzed as the ICP serial dilution sample. The percent difference for zinc was greater than the specification limit of 10%. The zinc results for associated samples SB27(23-23.5), SB27(35-36), SB53(25-26), SB54(11-12), SB56(11-12), SB57(11-12), SB59(15-16), and SB59(23-24) were positive and were qualified "J," as estimated concentrations, because of physical/chemical matrix interference.

C8L100288

Blank Contamination (pp. 3030-3031, 3064, 3066-3068): Calcium and zinc were detected in preparation blank associated with batch 8346399 at concentrations less than the quantitation limits. Barium, beryllium, calcium, cobalt, iron, manganese, nickel, and thallium were detected in the associated 12/27/08 ICP initial and/or calibration blanks at concentrations less than the quantitation limits (CCB1 – CCB3). The 12/27/08 ICP initial and continuing calibration blank results were negative for sodium. The associated results were qualified as required. See Section 3.0 of this report for details.

C8L110371

a. . Blank Contamination (pp. 3033-3035, 3063-3064, 3066-3068): Aluminum, barium, beryllium, calcium, and zinc were detected in preparation blank associated with batch 8351421 at concentrations less than the quantitation limits. Aluminum, barium, beryllium, and thallium were detected in the associated 12/28/08 ICP initial and/or calibration blanks at concentrations less than the quantitation limits (CCB3 – CCB7). The 12/28/08 and 12/30/08 ICP initial and continuing calibration blank results were negative for sodium. The associated results were qualified as required. See Section 3.0 of this report for details.

b. Matrix Spike Recovery and RPDs (pp. 3048-3051): Sample MW-12 was prepared as the MS/MSD sample for ICP batch 8351421. The manganese and iron spikes added to MW-12 MS/MSD were less than 25% of the original sample results. The spike recoveries and RPDs could not be calculated. The effect of matrix on these determinations could not be evaluated. No data qualifications were required.

   The MW-12 MS/MSD recoveries for aluminum were greater than the upper advisory limit of 125% The positive aluminum results for associated samples MW-12, MW-7D, MW-1600D, and MW-16D were greater than the quantitation limits and were qualified "J+," as estimated concentrations, biased high because of matrix effects.

c. ICP Serial Dilution (p. 3075): Sample MW-12 was analyzed as the ICP serial dilution sample. The percent difference for aluminum was greater than the specification limit of 10%. The positive aluminum results for associated samples MW-12, MW-7D, MW-1600D and MW-16D were greater than the quantitation limits and were qualified "J," as estimated concentrations, because of physical/chemical matrix interference.

C8L120342

Blank Contamination (pp. 3027-3029, 3056-3057, 3059-3062): Beryllium, calcium, and zinc were detected in preparation blank associated with batch 8351456 at concentrations less than the quantitation limits. The 12/31/08 and 01/02/09 ICP initial and continuing calibration blank results were negative for sodium. The

12/31/08 ICP continuing calibration blanks (CCB3) results were negative for cobalt. The associated results were qualified as required. See Section 3.0 of this report for details.

4.0 Total Cyanide

C8G160152

Matrix Spike Recovery and RPDs (p. 4006): Sample TP12(5)W(8-8.5) was prepared as the MS/MSD sample for QC batch 8204169. The total cyanide spike added to TP12(5)W(8-8.5) MS/MSD was less than 25% of the original sample result. The spike recoveries and RPD could not be calculated. No data qualifications were required.

C8G220214

No data quality issues were noted. No data qualifications were required.

C8G260118

Matrix Spike Recovery and RPDs (p. 4006): Sample SB46(8-10) was prepared as the MS/MSD sample for QC batch 8210160. The spike recoveries for total cyanide were greater than the upper advisory limit. No post-distillation spike was performed. The positive total cyanide result for sample SB46(8-10) was qualified "J+," as an estimated concentration biased high because of matrix effects.

C8H080154

Blank Contamination (p. 4004): Total cyanide was detected in the method blank associated with QC batch 8225208 at an estimated concentration of 0.27 mg/Kg. The positive total cyanide results for samples SB46(74-76), SB49(22-24), SB49(28-30) and SB49(72-74) were less than five times the blank level and less than the reporting limits and were qualified "U," as undetected at the reporting limits, because of laboratory contamination. The "J" flag appended to the positive cyanide result for sample SB49(8-10) was removed as unnecessary by the validator because the result was greater than five times the blank level.

C8I060176

No data quality issues were noted. No data qualifications were required.

C8J100124

Matrix Spike Recovery and RPDs (p. 4006): Sample SB45(20-22) was prepared as the MS/MSD sample for QC batch 8285042. The MS recovery was just below the lower advisory limit of 75%, at 73%. The MSD and RPD were within the advisory limits. No data qualifications were required based on professional judgment.

C8J110134

No data quality issues were noted. No data qualifications were required.

C8J160275

No data quality issues were noted. No data qualifications were required.

C8J220183

Blank Contamination (p. 4004): Total cyanide was detected in the method blank associated with QC batch 8301372 at an estimated concentration of 0.37 mg/Kg. The positive total cyanide results for sample

SB39(32.5-35) was greater than five times the blank level. The "J" flag appended to the positive cyanide result for sample SB39(32.5-35) was removed as unnecessary by the validator because the result was greater than five times the blank level.

C8J290111

No data quality issues were noted. No data qualifications were required.

C8K010195

a. Blank Contamination (p. 4004): Total cyanide was detected in the method blank associated with QC batch 8316143 at an estimated concentration of 0.38 mg/Kg. The positive total cyanide result for sample SB48(27.5-30) was less than five times the blank level and was qualified "U," as undetected, because of laboratory contamination. The "J" flag appended to the positive cyanide result for sample SB48(9-10) was removed as unnecessary by the validator because the result was greater than five times the blank level.

b. Matrix Spike Recovery and RPDs (p. 4006): Sample SB48(9-10) was prepared as the MS/MSD sample for QC batch 8316143. The spike recoveries for total cyanide were greater than the upper advisory limit. The matrix spikes did not improve upon reanalysis of the sample and MS/MSD on a different day. The reanalysis was performed three days outside the USEPA 14-day holding time and so the reanalysis results were not reported. No post-distillation spike was performed. The original positive total cyanide result for sample SB48(9-10) was qualified "J+," as an estimated concentration biased high because of matrix effects.

C8K040347

a. Blank Contamination (p. 4004): Total cyanide was detected in the method blank associated with QC batch 8316143 at an estimated concentration of 0.38 mg/Kg. The positive total cyanide results for samples SB35(40-41.5) and SB35(45-47.5) were less than five times the blank level and were qualified "U," as undetected, because of laboratory contamination. The positive total cyanide result for sample SB43(40-42.5) was less than the reporting limit and was qualified "U," as undetected at the reporting limit, because of laboratory contamination.

b. Matrix Spike Recovery and RPDs (p. 4006): Sample SB48(9-10) was prepared as the MS/MSD sample for QC batch 8316143. The spike recoveries for total cyanide were greater than the upper advisory limit. No post-distillation spike was performed. The positive total cyanide results within this SDG were qualified "U," as undetected, because of method blank contamination. No further data qualifications were required.

C8K070273

Blank Contamination (p. 4004): Total cyanide was detected in the method blank associated with QC batch 8316146 at an estimated concentration of 0.25 mg/Kg. The positive total cyanide results for samples SB47(18-20.5) and SB47(38-40) were less than five times the blank level and were qualified "U," as undetected, because of laboratory contamination.

C8L110357

No data quality issues were noted. No data qualifications were required.

Aqueous Sample SDGs: C8L100288, C8L110371, C8L120342

No data quality issues were noted. No data qualifications were required.

5.0 Field Duplicate Comparisons

The samples listed in Table 2 were the primary and field duplicate samples collected for this sampling event.

Table 2 – Field Duplicates
National Grid/ Clinton Street, Schenectady, NY 2008 Soil and Groundwater Samples

Primary Sample	Field Duplicates	Matrix
SB30(41.5-43.5)	SB300(41.5-43.5)	Soil
SB44(38-40)	SB440(38-40)	Soil
MW-16D	MW-1600D	Groundwater
MW-14	MW-1400	Groundwater

The results for the primary and field duplicate samples were non-detects, with exception to those listed in Tables 2A through 2D below. All RPDs were less than the maximum advisory limit of 50% for soils and 30% for aqueous samples or the difference criteria was met for all analytes except for those results listed below in bolded text. The bolded results were qualified "J/UJ," as estimates, as estimates, because of field sampling/laboratory imprecision and/or sample heterogeneity.

Table 2A – Field Duplicate Comparison
National Grid/ Clinton Street, Schenectady, NY 2008 Soil and Groundwater Samples

Parameter	SB30(41.5-43.5)		SB300(41.5-43.5)		RPD (%)
Ethylbenzene	3200	µg/Kg	3300	µg/Kg	3
Isopropylbenzene	14000	µg/Kg	13000	µg/Kg	7
Methylcyclohexane	560	µg/Kg	430	µg/Kg	26
1,2,4-Trichlorobenzene	980 J	µg/Kg	1500 U	µg/Kg	NC*
Xylenes (total)	64000	µg/Kg	62000	µg/Kg	3
Toluene	300 J	µg/Kg	280 J	µg/Kg	7
1,1'-Biphenyl	85000	µg/Kg	59000	µg/Kg	36
Carbazole	2100	µg/Kg	1200 J	µg/Kg	55*
Naphthalene	490000	µg/Kg	330000	µg/Kg	39
2-Methylnaphthalene	450000	µg/Kg	310000	µg/Kg	37
Acenaphthylene	290000	µg/Kg	220000	µg/Kg	27
Acenaphthene	62000	µg/Kg	44000	µg/Kg	34
Dibenzofuran	26000	µg/Kg	18000	µg/Kg	36
Fluorene	240000	µg/Kg	160000	µg/Kg	40
Phenanthrene	400000	µg/Kg	290000	µg/Kg	32
Anthracene	210000	µg/Kg	140000	µg/Kg	40
Fluoranthene	210000	µg/Kg	140000	µg/Kg	40
Pyrene	220000	µg/Kg	170000	µg/Kg	26
Benz(a)anthracene	120000	µg/Kg	89000	µg/Kg	30
Chrysene	97000	µg/Kg	62000	µg/Kg	44
Benzo(b)fluoranthene	69000	µg/Kg	47000	µg/Kg	38
Benzo(a)pyrene	93000	µg/Kg	60000	µg/Kg	43

Table 2A – Field Duplicate Comparison (Continued)
National Grid/ Clinton Street, Schenectady, NY 2008 Soil and Groundwater Samples

Parameter	SB30(41.5-43.5)		SB300(41.5-43.5)		RPD (%)
Indeno(1,2,3-cd)pyrene	26000	µg/Kg	16000	µg/Kg	48
Dibenz(a,h)anthracene	5200	µg/Kg	6200	µg/Kg	18
Benzo(g,h,i)perylene	33000	µg/Kg	21000	µg/Kg	44
Phenol	1600 U	µg/Kg	600 J	µg/Kg	NC*
Aluminum	2730	mg/Kg	3180	mg/Kg	15
Arsenic	3.4	mg/Kg	2.9	mg/Kg	16
Barium	11.0 J	mg/Kg	11.4 J	mg/Kg	4
Calcium	1830	mg/Kg	1800	mg/Kg	2
Cadmium	0.14 J	mg/Kg	0.17 J	mg/Kg	19
Cobalt	3.3 J	mg/Kg	3.9 J	mg/Kg	17
Chromium	4.7	mg/Kg	5.3	mg/Kg	12
Copper	4.0	mg/Kg	5.7	mg/Kg	35
Iron	7510	mg/Kg	8510	mg/Kg	12
Potassium	438 J	mg/Kg	471 J	mg/Kg	7
Magnesium	1590	mg/Kg	1740	mg/Kg	9
Manganese	62.7	mg/Kg	71.9	mg/Kg	14
Sodium	55.5	mg/Kg	54.7	mg/Kg	1
Nickel	6.8	mg/Kg	7.9	mg/Kg	15
Lead	2.4	mg/Kg	2.7	mg/Kg	12
Selenium	0.84	mg/Kg	0.84	mg/Kg	0
Vanadium	8.8	mg/Kg	8.2	mg/Kg	7
Zinc	28.3	mg/Kg	26.5	mg/Kg	7
Mercury	0.0082 J	mg/Kg	0.0067 J	mg/Kg	20
Total Cyanide	0.61 U	mg/Kg	0.13 J	mg/Kg	NC*
Percent Solids	81.8	%	84.9	%	4

Table 2B – Field Duplicate Comparison
National Grid/ Clinton Street, Schenectady, NY 2008 Soil and Groundwater Samples

Parameter	SB44(38-40)		SB440(38-40)		RPD (%)
Ethylbenzene	**300000 J**	**µg/Kg**	**180000 J**	**µg/Kg**	**50**
Isopropylbenzene	**46000 J**	**µg/Kg**	**26000 J**	**µg/Kg**	**56**
Methylcyclohexane	1700 J	µg/Kg	15000 U	µg/Kg	NC*
Xylenes (total)	**450000 J**	**µg/Kg**	**260000 J**	**µg/Kg**	**54**
Toluene	9700 J	µg/Kg	5700 J	µg/Kg	52*
Naphthalene	1900000	µg/Kg	1800000	µg/Kg	5
2-Methylnaphthalene	790000	µg/Kg	750000	µg/Kg	5
Acenaphthylene	84000	µg/Kg	77000	µg/Kg	9
Acenaphthene	460000	µg/Kg	420000	µg/Kg	9
Dibenzofuran	23000 J	µg/Kg	22000 J	µg/Kg	4
Fluorene	250000	µg/Kg	240000	µg/Kg	4

Table 2B – Field Duplicate Comparison (Continued)
National Grid/ Clinton Street, Schenectady, NY 2008 Soil and Groundwater Samples

Parameter	SB44(38-40)		SB440(38-40)		RPD (%)
Phenanthrene	730000	µg/Kg	680000	µg/Kg	7
Anthracene	220000	µg/Kg	210000	µg/Kg	5
Fluoranthene	220000	µg/Kg	210000	µg/Kg	5
Pyrene	310000	µg/Kg	280000	µg/Kg	10
Benz(a)anthracene	130000	µg/Kg	120000	µg/Kg	8
Chrysene	110000	µg/Kg	90000	µg/Kg	20
Benzo(b)fluoranthene	78000	µg/Kg	72000	µg/Kg	8
Benzo(a)pyrene	85000	µg/Kg	78000	µg/Kg	9
Indeno(1,2,3-cd)pyrene	23000	µg/Kg	22000	µg/Kg	4
Dibenz(a,h)anthracene	8200	µg/Kg	7700 J	µg/Kg	6
Benzo(g,h,i)perylene	32000	µg/Kg	29000	µg/Kg	10
Carbazole	4600 J	µg/Kg	4100 J	µg/Kg	11
1,1'-Biphenyl	98000	µg/Kg	88000	µg/Kg	11
Aluminum	4140	mg/Kg	2930	mg/Kg	34
Arsenic	3.8	mg/Kg	2.8	mg/Kg	30
Barium	22.1 J	mg/Kg	13.3 J	mg/Kg	50*
Calcium	**5990 J**	**mg/Kg**	**14700 J**	**mg/Kg**	**84**
Cobalt	4.3 J	mg/Kg	2.8 J	mg/Kg	42
Chromium	6.7	mg/Kg	4.8	mg/Kg	33
Copper	9.2	mg/Kg	6.0	mg/Kg	42
Iron	11200	mg/Kg	10700	mg/Kg	5
Potassium	642 J	mg/Kg	517 J	mg/Kg	22
Magnesium	2780	mg/Kg	2950	mg/Kg	6
Manganese	107	mg/Kg	107	mg/Kg	0
Sodium	87.8 J	mg/Kg	55.9 J	mg/Kg	44
Nickel	9.7	mg/Kg	6.4	mg/Kg	41
Lead	3.9	mg/Kg	2.4	mg/Kg	48
Vanadium	13.0	mg/Kg	10.9	mg/Kg	18
Zinc	30.2 J	mg/Kg	20.8 J	mg/Kg	37
Mercury	0.0056 J	mg/Kg	0.0036 J	mg/Kg	43
Percent Solids	83.1	%	83.0	%	< 1

Table 2C – Field Duplicate Comparison
National Grid/ Clinton Street, Schenectady, NY 2008 Soil and Groundwater Samples

Parameter	MW-16D		MW-1600D		RPD (%)
Naphthalene	1.4 J	µg/L	2.1 U	µg/L	NC*
Aluminum	235 J+	µg/L	204 J+	µg/L	14
Calcium	175000	µg/L	175000	µg/L	0
Cobalt	50.0 U	µg/L	0.56 J	µg/L	NC*
Iron	435	µg/L	371	µg/L	16
Potassium	16600	µg/L	16700	µg/L	< 1

Table 2C – Field Duplicate Comparison (Continued)
National Grid/ Clinton Street, Schenectady, NY 2008 Soil and Groundwater Samples

Parameter	MW-16D		MW-1600D		RPD (%)
Magnesium	36800	µg/L	37000	µg/L	< 1
Manganese	561	µg/L	560	µg/L	< 1
Sodium	157000	µg/L	158000	µg/L	< 1
Nickel	1.0 J	µg/L	0.89 J	µg/L	12
Vanadium	2.9 J	µg/L	2.6 J	µg/L	11
Total Cyanide	34.7	µg/L	36.1	µg/L	4

Table 2D – Field Duplicate Comparison
National Grid/ Clinton Street, Schenectady, NY 2008 Soil and Groundwater Samples

Parameter	MW-14		MW-1400		RPD (%)
Xylenes (total)	1.5 J	µg/L	1.6 J	µg/L	6
Acenaphthene	1.5 J	µg/L	1.6 J	µg/L	6
Fluorene	0.38 J	µg/L	1.9 U	µg/L	NC*
Phenanthrene	0.45 J	µg/L	0.40 J	µg/L	12
Aluminum	35.2 J	µg/L	31.0 J	µg/L	13
Antimony	1.8 J	µg/L	10.0 U	µg/L	NC*
Arsenic	11.0	µg/L	9.9	µg/L	11
Barium	164 J	µg/L	166 J	µg/L	1
Calcium	122000	µg/L	121000	µg/L	< 1
Iron	14700	µg/L	14800	µg/L	< 1
Potassium	5400	µg/L	5410	µg/L	< 1
Magnesium	14400	µg/L	14300	µg/L	< 1
Manganese	1300	µg/L	1290	µg/L	< 1
Selenium	4.5 J	µg/L	5.0 U	µg/L	NC*
Sodium	287000	µg/L	288000	µg/L	< 1
Total Cyanide	5.7 J	µg/L	5.7 J	µg/L	0

NC: The RPD could not be calculated.

*: The difference between the primary and the field duplicate results was less than the reporting limit for results up to five times the reporting limit. Variation of this magnitude is acceptable.

6.0 Notes

Sample Mislabeled (C8J100124 p. 7): Sample SB4(20-22) was inadvertently mislabeled on the chain of custody and sample jars. The correct sample identification is SB41(20-22).

Positive organic results less than the reporting limit, but greater than the method detection limit (MDL) were qualified "J," as estimated concentrations, due to increased uncertainty near the detection limit. The "J" qualifiers were maintained in the data validation.

Positive inorganic results less than the reporting limit, but greater than the MDL were flagged with a "B," to indicate an estimated concentration, due to increased uncertainty near the detection limit. The "B" flags were changed to "J" qualifiers by the validator.

Matrix spike and matrix spike duplicates, laboratory duplicates, and ICP serial dilutions that were performed on non-project samples were not evaluated because matrix similarity to project samples could not be assumed.

For trace metals determinations, the majority of data qualifications were in response to blank contamination. The following table summarizes the criteria for evaluation of blanks. This criteria apply to any blank associated with the samples, (e.g., method preparation blank [PB], initial and continuing calibration blanks [ICB/CCB]). If problems with any blank exist, all data were evaluated to determine if there was an inherent variability in the data, or if the problem was an isolated occurrence not affecting the samples. Data qualification action was based on the blank having the highest contaminant concentration and was applied in the following order.

- For PB nonconformance, action was applied to all samples in the analytical batch.
- For ICB nonconformance, action was applied to all samples in the analytical sequence.
- For CCB nonconformance, action was applied to samples analyzed between the previous in-control CCB and the subsequent in-control CCB.

Blank Type	Blank Result	Sample Result	Action for Samples
ICB/CCB (Positive)	≥ IDL/MDL but ≤ QL	Non-detect	No action
		≥ IDL/MDL but ≤ QL	Qualify as non-detect (U) at the QL
		> QL	Use AECOM professional judgment (see below [1])
	>QL	≥ IDL/MDL but ≤ QL	Qualify as non-detect (U) at the QL
		> QL but < ICB/CCB Result	Qualify result as unusable ®
		>ICB/CCB but <10x the ICB/CCB result	Qualify as estimated (J)
		≥ 10x ICB/CCB	No action is taken based on AECOM professional judgment
ICB/CCB (Negative)	< (-QL)	Non-detect	Use AECOM professional judgment and qualify as estimated (UJ)
		≥ IDL/MDL but < QL	Use AECOM professional judgment and qualify results < QL as estimated (J)
		< 10x QL	Qualify results ≥ QL but <10x QL as estimated (J)
		≥ 10x QL	No action is taken based on AECOM professional judgment
	< -IDL/MDL and ≥ -QL	Non-detect	Use AECOM professional judgment, qualify as estimated (UJ)
		>IDL/MDL and <5x |neg. blank|	Use AECOM professional judgment, qualify results as estimated (J)

Blank Type	Blank Result	Sample Result	Action for Samples
PB (Positive)	> QL	≥ IDL/MDL but ≤ QL	Qualify as non-detect (U) at the QL
		>QL but < Blank Result	Qualify results as unusable (R)
		> Blank Result but < 10x Blank Result	Qualify results as estimated (J)
		≥ 10x Blank Result	No action is taken based on AECOM professional judgment
	≥ IDL/MDL but ≤ QL	Non-detect	No action is taken based on AECOM professional judgment
		≥ IDL/MDL but ≤ QL	Qualify as non-detect (U) at the QL
		> QL	Use AECOM professional judgment (see below [1])
PB (Negative)	< (-QL)	< 10x QL	Qualify positive results <10x QL as estimated (J) and non-detects as estimated (UJ)
		≥ 10x QL	No action is taken based on AECOM professional judgment
	< -IDL/MDL and ≥ -QL	Non-detect	Use AECOM professional judgment, qualify as estimated (UJ)
		>IDL/MDL and <5x |neg. blank|	Use AECOM professional judgment, qualify results as estimated (J)

[1] Establish an action level (AL) at 5x the blank contamination. If sample result is <AL, qualify the reported result with a "U".

Appendix A

Glossary of Data Qualifier Codes

Glossary of Data Qualifier Codes

U The analyte was analyzed for, but was not detected above the level of the reported sample quantitation limit.

UJ The analyte was analyzed for, but was not detected. The reported quantitation limit is approximated and may be inaccurate or imprecise.

J The analyte was positively identified. The associated numerical value is the approximate concentration of the analyte in the sample.

J+ (Inorganics) The result is an estimated quantity, likely to be biased high. The associated numerical value is the approximate concentration of the analyte in the sample.

J- (Inorganics) The result is an estimated quantity, likely to be biased low. The associated numerical value is the approximate concentration of the analyte in the sample.

R The data are unusable. The sample results are rejected due to serious deficiencies in the ability to meet quality control criteria. The presence or absence of the analyte cannot be verified.

N (Organics) The analysis indicates the presence of an analyte for which there is presumptive evidence to make a tentative identification.

NJ (Organics) The analysis indicates the presence of an analyte that has been tentatively identified and the associated numerical value represents its approximate concentration.

Appendix B

Data Qualification Summaries

ENSR International

Client Sample ID: TP10(29)E(8-8.5)

GC/MS Volatiles

Lot-Sample #...:	C8G160152-001	Work Order #...:	KRK1G1AC	Matrix.....:	SO
Date Sampled...:	07/14/08	Date Received..:	07/16/08	MS Run #.....:	8199042
Prep Date.....:	07/17/08	Analysis Date..:	07/17/08		
Prep Batch #...:	8199067	Analysis Time..:	12:13		
Dilution Factor:	1	Initial Wgt/Vol:	5 g	Final Wgt/Vol..:	5 mL
% Moisture.....:	12	Analyst ID.....:	010099	Instrument ID..:	HP3
		Method.....:	SW846 8260B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	23	ug/kg	5.7
Benzene	ND	5.7	ug/kg	0.77
Bromodichloromethane	ND	5.7	ug/kg	0.64
Bromoform	ND	5.7	ug/kg	0.50
Bromomethane	ND	5.7	ug/kg	0.84
2-Butanone	ND	5.7	ug/kg	1.0
Carbon disulfide	ND	5.7	ug/kg	0.58
Carbon tetrachloride	ND	5.7	ug/kg	0.51
Chlorobenzene	ND	5.7	ug/kg	0.86
Chloroethane	ND	5.7	ug/kg	1.8
Chloroform	ND	5.7	ug/kg	0.67
Chloromethane	ND	5.7	ug/kg	0.97
Cyclohexane	ND	5.7	ug/kg	0.42
Dibromochloromethane	ND	5.7	ug/kg	0.81
1,2-Dibromo-3-chloro-propane	ND	5.7	ug/kg	0.85
1,2-Dibromoethane	ND	5.7	ug/kg	0.98
1,3-Dichlorobenzene	ND	5.7	ug/kg	0.75
1,4-Dichlorobenzene	ND	5.7	ug/kg	0.73
1,2-Dichlorobenzene	ND	5.7	ug/kg	0.91
Dichlorodifluoromethane	ND	5.7	ug/kg	0.76
1,1-Dichloroethane	ND	5.7	ug/kg	0.66
1,2-Dichloroethane	ND	5.7	ug/kg	0.70
1,1-Dichloroethene	ND	5.7	ug/kg	0.97
cis-1,2-Dichloroethene	ND	5.7	ug/kg	0.80
trans-1,2-Dichloroethene	ND	5.7	ug/kg	0.68
1,2-Dichloropropane	ND	5.7	ug/kg	0.62
cis-1,3-Dichloropropene	ND	5.7	ug/kg	0.77
trans-1,3-Dichloropropene	ND	5.7	ug/kg	0.68
Ethylbenzene	ND	5.7	ug/kg	0.73
2-Hexanone	ND	5.7	ug/kg	0.79
Isopropylbenzene	ND	5.7	ug/kg	0.77
Methyl acetate	ND	5.7	ug/kg	1.0
Methylene chloride	5.7U ~~1.0 J~~	**5.7**	**ug/kg**	**0.77**
Methylcyclohexane	ND	5.7	ug/kg	0.83
4-Methyl-2-pentanone	ND	5.7	ug/kg	0.74
Methyl tert-butyl ether	ND	5.7	ug/kg	0.85

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ENSR International

Client Sample ID: TP10(29)E(8-8.5)

GC/MS Volatiles

Lot-Sample #...: C8G160152-001 Work Order #...: KRK1G1AC Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Styrene	ND	5.7	ug/kg	0.61
1,1,2,2-Tetrachloroethane	ND	5.7	ug/kg	0.82
1,2,4-Trichloro-benzene	ND	5.7	ug/kg	1.0
Tetrachloroethene	ND	5.7	ug/kg	0.78
1,1,1-Trichloroethane	ND	5.7	ug/kg	0.55
1,1,2-Trichloroethane	ND	5.7	ug/kg	0.95
Trichloroethene	ND	5.7	ug/kg	0.75
Trichlorofluoromethane	ND	5.7	ug/kg	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	5.7	ug/kg	1.2
Vinyl chloride	ND	5.7	ug/kg	0.54
Xylenes (total)	ND	17	ug/kg	2.6
Toluene	ND	5.7	ug/kg	0.83

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	101	(52 - 124)
Toluene-d8	95	(72 - 127)
4-Bromofluorobenzene	93	(63 - 120)
Dibromofluoromethane	89	(68 - 121)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

ENSR International

Client Sample ID: TP10(31)E(8-8.5)

GC/MS Volatiles

Lot-Sample #...:	C8G160152-002	**Work Order #...:**	KRK2P1AJ	**Matrix.....:**	SO
Date Sampled...:	07/14/08	**Date Received..:**	07/16/08	**MS Run #.....:**	8199042
Prep Date.....:	07/17/08	**Analysis Date..:**	07/17/08		
Prep Batch #...:	8199067	**Analysis Time..:**	13:02		
Dilution Factor:	1	**Initial Wgt/Vol:**	5 g	**Final Wgt/Vol..:**	5 mL
% Moisture.....:	15	**Analyst ID.....:**	010099	**Instrument ID..:**	HP3
		Method.....:	SW846 8260B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	24	ug/kg	5.9
Benzene	ND	5.9	ug/kg	0.79
Bromodichloromethane	ND	5.9	ug/kg	0.66
Bromoform	ND	5.9	ug/kg	0.52
Bromomethane	ND	5.9	ug/kg	0.87
2-Butanone	ND	5.9	ug/kg	1.0
Carbon disulfide	ND	5.9	ug/kg	0.60
Carbon tetrachloride	ND	5.9	ug/kg	0.53
Chlorobenzene	ND	5.9	ug/kg	0.89
Chloroethane	ND	5.9	ug/kg	1.8
Chloroform	ND	5.9	ug/kg	0.69
Chloromethane	ND	5.9	ug/kg	1.0
Cyclohexane	ND	5.9	ug/kg	0.44
Dibromochloromethane	ND	5.9	ug/kg	0.83
1,2-Dibromo-3-chloro-propane	ND	5.9	ug/kg	0.88
1,2-Dibromoethane	ND	5.9	ug/kg	1.0
1,3-Dichlorobenzene	ND	5.9	ug/kg	0.77
1,4-Dichlorobenzene	ND	5.9	ug/kg	0.75
1,2-Dichlorobenzene	ND	5.9	ug/kg	0.94
Dichlorodifluoromethane	ND	5.9	ug/kg	0.78
1,1-Dichloroethane	ND	5.9	ug/kg	0.68
1,2-Dichloroethane	ND	5.9	ug/kg	0.72
1,1-Dichloroethene	ND	5.9	ug/kg	1.0
cis-1,2-Dichloroethene	ND	5.9	ug/kg	0.83
trans-1,2-Dichloroethene	ND	5.9	ug/kg	0.70
1,2-Dichloropropane	ND	5.9	ug/kg	0.64
cis-1,3-Dichloropropene	ND	5.9	ug/kg	0.80
trans-1,3-Dichloropropene	ND	5.9	ug/kg	0.70
Ethylbenzene	ND	5.9	ug/kg	0.76
2-Hexanone	ND	5.9	ug/kg	0.81
Isopropylbenzene	ND	5.9	ug/kg	0.80
Methyl acetate	ND	5.9	ug/kg	1.1
Methylene chloride	~~0.91 J~~ 5.9 U	**5.9**	**ug/kg**	**0.79**
Methylcyclohexane	ND	5.9	ug/kg	0.85
4-Methyl-2-pentanone	ND	5.9	ug/kg	0.77
Methyl tert-butyl ether	ND	5.9	ug/kg	0.88

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RNSR International

Client Sample ID: TP10(31)E(8-8.5)

GC/MS Volatiles

Lot-Sample #...: C8G160152-002 **Work Order #...:** KRK2P1AJ **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Styrene	ND	5.9	ug/kg	0.63
1,1,2,2-Tetrachloroethane	ND	5.9	ug/kg	0.85
1,2,4-Trichloro-benzene	ND	5.9	ug/kg	1.0
Tetrachloroethene	ND	5.9	ug/kg	0.80
1,1,1-Trichloroethane	ND	5.9	ug/kg	0.57
1,1,2-Trichloroethane	ND	5.9	ug/kg	0.98
Trichloroethene	ND	5.9	ug/kg	0.77
Trichlorofluoromethane	ND	5.9	ug/kg	1.1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	5.9	ug/kg	1.3
Vinyl chloride	ND	5.9	ug/kg	0.55
Xylenes (total)	ND	18	ug/kg	2.6
Toluene	ND	5.9	ug/kg	0.86

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	103	(52 - 124)
Toluene-d8	93	(72 - 127)
4-Bromofluorobenzene	94	(63 - 120)
Dibromofluoromethane	92	(68 - 121)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

ENSR International

Client Sample ID: TP11(50)E(8-8.5)

GC/MS Volatiles

Lot-Sample #...: C8G160152-003	Work Order #...: KRK2Q1AC	Matrix.....: SO
Date Sampled...: 07/14/08	Date Received..: 07/16/08	MS Run #.....: 8199042
Prep Date.....: 07/17/08	Analysis Date..: 07/17/08	
Prep Batch #...: 8199067	Analysis Time..: 13:50	
Dilution Factor: 1	Initial Wgt/Vol: 5 g	Final Wgt/Vol..: 5 mL
% Moisture.....: 20	Analyst ID.....: 010099	Instrument ID..: HP3
	Method.....: SW846 8260B	

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	25	ug/kg	6.3
Benzene	ND	6.3	ug/kg	0.84
Bromodichloromethane	ND	6.3	ug/kg	0.70
Bromoform	ND	6.3	ug/kg	0.55
Bromomethane	ND	6.3	ug/kg	0.92
2-Butanone	ND	6.3	ug/kg	1.1
Carbon disulfide	ND	6.3	ug/kg	0.64
Carbon tetrachloride	ND	6.3	ug/kg	0.56
Chlorobenzene	ND	6.3	ug/kg	0.95
Chloroethane	ND	6.3	ug/kg	1.9
Chloroform	ND	6.3	ug/kg	0.73
Chloromethane	ND	6.3	ug/kg	1.1
Cyclohexane	ND	6.3	ug/kg	0.46
Dibromochloromethane	ND	6.3	ug/kg	0.89
1,2-Dibromo-3-chloro-propane	ND	6.3	ug/kg	0.94
1,2-Dibromoethane	ND	6.3	ug/kg	1.1
1,3-Dichlorobenzene	ND	6.3	ug/kg	0.82
1,4-Dichlorobenzene	ND	6.3	ug/kg	0.80
1,2-Dichlorobenzene	ND	6.3	ug/kg	1.0
Dichlorodifluoromethane	ND	6.3	ug/kg	0.83
1,1-Dichloroethane	ND	6.3	ug/kg	0.72
1,2-Dichloroethane	ND	6.3	ug/kg	0.77
1,1-Dichloroethene	ND	6.3	ug/kg	1.1
cis-1,2-Dichloroethene	ND	6.3	ug/kg	0.88
trans-1,2-Dichloroethene	ND	6.3	ug/kg	0.75
1,2-Dichloropropane	ND	6.3	ug/kg	0.68
cis-1,3-Dichloropropene	ND	6.3	ug/kg	0.85
trans-1,3-Dichloropropene	ND	6.3	ug/kg	0.75
Ethylbenzene	ND	6.3	ug/kg	0.80
2-Hexanone	ND	6.3	ug/kg	0.86
Isopropylbenzene	ND	6.3	ug/kg	0.85
Methyl acetate	ND	6.3	ug/kg	1.1
Methylene chloride	~~0.84 J~~	**6.3**	**ug/kg**	**0.84**
Methylcyclohexane	ND	6.3	ug/kg	0.91
4-Methyl-2-pentanone	ND	6.3	ug/kg	0.82
Methyl tert-butyl ether	ND	6.3	ug/kg	0.94

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ENSR International

Client Sample ID: TP11(50)E(8-8.5)

GC/MS Volatiles

Lot-Sample #...: C8G160152-003 Work Order #...: KRK2Q1AC Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Styrene	ND	6.3	ug/kg	0.66
1,1,2,2-Tetrachloroethane	ND	6.3	ug/kg	0.90
1,2,4-Trichloro-benzene	ND	6.3	ug/kg	1.1
Tetrachloroethene	ND	6.3	ug/kg	0.85
1,1,1-Trichloroethane	ND	6.3	ug/kg	0.61
1,1,2-Trichloroethane	ND	6.3	ug/kg	1.0
Trichloroethene	ND	6.3	ug/kg	0.82
Trichlorofluoromethane	ND	6.3	ug/kg	1.1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	6.3	ug/kg	1.3
Vinyl chloride	ND	6.3	ug/kg	0.59
Xylenes (total)	ND	19	ug/kg	2.8
Toluene	ND	6.3	ug/kg	0.91

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	101	(52 - 124)
Toluene-d8	96	(72 - 127)
4-Bromofluorobenzene	96	(63 - 120)
Dibromofluoromethane	90	(68 - 121)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

ENSR International

Client Sample ID: TP12(5)W(8-8.5)

GC/MS Volatiles

Lot-Sample #...:	C8G160152-004	Work Order #...:	KRK2R1A4	Matrix.....:	SO
Date Sampled...:	07/15/08	Date Received..:	07/16/08	MS Run #.....:	8199042
Prep Date.....:	07/17/08	Analysis Date..:	07/17/08		
Prep Batch #...:	8199067	Analysis Time..:	06:07		
Dilution Factor:	1	Initial Wgt/Vol:	5 g	Final Wgt/Vol..:	5 mL
% Moisture.....:	24	Analyst ID.....:	010099	Instrument ID..:	HP3
		Method.....:	SW846 8260B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone: 26 U	~~9.2 J~~	**26**	**ug/kg**	**6.6**
Benzene:	**2.7 J**	**6.6**	**ug/kg**	**0.89**
Bromodichloromethane	ND	6.6	ug/kg	0.74
Bromoform	ND	6.6	ug/kg	0.59
Bromomethane	ND	6.6	ug/kg	0.98
2-Butanone	ND	6.6	ug/kg	1.2
Carbon disulfide	ND	6.6	ug/kg	0.68
Carbon tetrachloride	ND	6.6	ug/kg	0.59
Chlorobenzene	ND	6.6	ug/kg	1.0
Chloroethane	ND	6.6	ug/kg	2.0
Chloroform	ND	6.6	ug/kg	0.77
Chloromethane	ND	6.6	ug/kg	1.1
Cyclohexane	ND	6.6	ug/kg	0.49
Dibromochloromethane	ND	6.6	ug/kg	0.94
1,2-Dibromo-3-chloro-propane	ND	6.6	ug/kg	0.99
1,2-Dibromoethane	ND	6.6	ug/kg	1.1
1,3-Dichlorobenzene	ND	6.6	ug/kg	0.87
1,4-Dichlorobenzene	ND	6.6	ug/kg	0.84
1,2-Dichlorobenzene	ND	6.6	ug/kg	1.1
Dichlorodifluoromethane	ND	6.6	ug/kg	0.88
1,1-Dichloroethane	ND	6.6	ug/kg	0.76
1,2-Dichloroethane	ND	6.6	ug/kg	0.81
1,1-Dichloroethene	ND	6.6	ug/kg	1.1
cis-1,2-Dichloroethene	ND	6.6	ug/kg	0.93
trans-1,2-Dichloroethene	ND	6.6	ug/kg	0.79
1,2-Dichloropropane	ND	6.6	ug/kg	0.72
cis-1,3-Dichloropropene	ND	6.6	ug/kg	0.90
trans-1,3-Dichloropropene	ND	6.6	ug/kg	0.79
Ethylbenzene	ND	6.6	ug/kg	0.85
2-Hexanone	ND	6.6	ug/kg	0.91
Isopropylbenzene	**7.3**	**6.6**	**ug/kg**	**0.90**
Methyl acetate	ND	6.6	ug/kg	1.2
Methylene chloride 6.6 U	~~1.5 J~~	**6.6**	**ug/kg**	**0.89**
Methylcyclohexane	ND	6.6	ug/kg	0.96
4-Methyl-2-pentanone	ND	6.6	ug/kg	0.86
Methyl tert-butyl ether	ND	6.6	ug/kg	0.99

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ENSR International

Client Sample ID: TP12(5)W(8-8.5)

GC/MS Volatiles

Lot-Sample #...: C8G160152-004 Work Order #...: KRK2R1A4 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Styrene	ND	6.6	ug/kg	0.70
1,1,2,2-Tetrachloroethane	ND	6.6	ug/kg	0.95
1,2,4-Trichloro-benzene	ND	6.6	ug/kg	1.2
Tetrachloroethene	ND	6.6	ug/kg	0.90
1,1,1-Trichloroethane	ND	6.6	ug/kg	0.64
1,1,2-Trichloroethane	ND	6.6	ug/kg	1.1
Trichloroethene	ND	6.6	ug/kg	0.87
Trichlorofluoromethane	ND	6.6	ug/kg	1.2
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	6.6	ug/kg	1.4
Vinyl chloride	ND	6.6	ug/kg	0.62
Xylenes (total)	ND	20	ug/kg	3.0
Toluene	ND	6.6	ug/kg	0.97

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	107	(52 - 124)
Toluene-d8	95	(72 - 127)
4-Bromofluorobenzene	97	(63 - 120)
Dibromofluoromethane	98	(68 - 121)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

ENSR International

Client Sample ID: TP12(17)W(10.5-11)

GC/MS Volatiles

Lot-Sample #...:	C8G160152-005	Work Order #...:	KRK2T1AK	Matrix.....:	SO
Date Sampled...:	07/15/08	Date Received..:	07/16/08	MS Run #.....:	8199042
Prep Date.....:	07/17/08	Analysis Date..:	07/17/08		
Prep Batch #...:	8199067	Analysis Time..:	11:25		
Dilution Factor:	1	Initial Wgt/Vol:	5 g	Final Wgt/Vol..:	5 mL
% Moisture.....:	20	Analyst ID.....:	010099	Instrument ID..:	HP3
		Method.....:	SW846 8260B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	~~22 J~~	**25**	**ug/kg**	**6.2**
Benzene	ND	6.2	ug/kg	0.84
Bromodichloromethane	ND	6.2	ug/kg	0.70
Bromoform	ND	6.2	ug/kg	0.55
Bromomethane	ND	6.2	ug/kg	0.92
2-Butanone	ND	6.2	ug/kg	1.1
Carbon disulfide	ND	6.2	ug/kg	0.64
Carbon tetrachloride	ND	6.2	ug/kg	0.55
Chlorobenzene	ND	6.2	ug/kg	0.94
Chloroethane	ND	6.2	ug/kg	1.9
Chloroform	ND	6.2	ug/kg	0.73
Chloromethane	ND	6.2	ug/kg	1.1
Cyclohexane	ND	6.2	ug/kg	0.46
Dibromochloromethane	ND	6.2	ug/kg	0.88
1,2-Dibromo-3-chloro-propane	ND	6.2	ug/kg	0.93
1,2-Dibromoethane	ND	6.2	ug/kg	1.1
1,3-Dichlorobenzene	ND	6.2	ug/kg	0.82
1,4-Dichlorobenzene	ND	6.2	ug/kg	0.79
1,2-Dichlorobenzene	ND	6.2	ug/kg	0.99
Dichlorodifluoromethane	ND	6.2	ug/kg	0.83
1,1-Dichloroethane	ND	6.2	ug/kg	0.72
1,2-Dichloroethane	ND	6.2	ug/kg	0.76
1,1-Dichloroethene	ND	6.2	ug/kg	1.1
cis-1,2-Dichloroethene	ND	6.2	ug/kg	0.87
trans-1,2-Dichloroethene	ND	6.2	ug/kg	0.74
1,2-Dichloropropane	ND	6.2	ug/kg	0.67
cis-1,3-Dichloropropene	ND	6.2	ug/kg	0.84
trans-1,3-Dichloropropene	ND	6.2	ug/kg	0.74
Ethylbenzene	ND	6.2	ug/kg	0.80
2-Hexanone	ND	6.2	ug/kg	0.86
Isopropylbenzene	ND	6.2	ug/kg	0.84
Methyl acetate	ND	6.2	ug/kg	1.1
Methylene chloride	~~1.2 J~~	**6.2**	**ug/kg**	**0.84**
Methylcyclohexane	ND	6.2	ug/kg	0.90
4-Methyl-2-pentanone	ND	6.2	ug/kg	0.81
Methyl tert-butyl ether	ND	6.2	ug/kg	0.93

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ENSR International

Client Sample ID: TP12(17)W(10.5-11)

GC/MS Volatiles

Lot-Sample #...: C8G160152-005 Work Order #...: KRK2T1AK Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Styrene	ND	6.2	ug/kg	0.66
1,1,2,2-Tetrachloroethane	ND	6.2	ug/kg	0.89
1,2,4-Trichloro-benzene	ND	6.2	ug/kg	1.1
Tetrachloroethene	ND	6.2	ug/kg	0.85
1,1,1-Trichloroethane	ND	6.2	ug/kg	0.60
1,1,2-Trichloroethane	ND	6.2	ug/kg	1.0
Trichloroethene	ND	6.2	ug/kg	0.82
Trichlorofluoromethane	ND	6.2	ug/kg	1.1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	6.2	ug/kg	1.3
Vinyl chloride	ND	6.2	ug/kg	0.58
Xylenes (total)	ND	19	ug/kg	2.8
Toluene	ND	6.2	ug/kg	0.91

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	102	(52 - 124)
Toluene-d8	94	(72 - 127)
4-Bromofluorobenzene	91	(63 - 120)
Dibromofluoromethane	89	(68 - 121)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

ENSR International

Client Sample ID: SB50(14.5-15)

GC/MS Volatiles

Lot-Sample #...: C8G220214-001	Work Order #...: KR0E21AC	Matrix.....: SO
Date Sampled...: 07/17/08	Date Received..: 07/22/08	MS Run #.....: 8210034
Prep Date.....: 07/28/08	Analysis Date..: 07/28/08	
Prep Batch #...: 8210064	Analysis Time..: 11:10	
Dilution Factor: 1	Initial Wgt/Vol: 5 g	Final Wgt/Vol..: 5 mL
% Moisture.....: 21	Analyst ID.....: 010099	Instrument ID..: HP3
	Method.....: SW846 8260B	

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	**43** U	**25**	**ug/kg**	**6.3**
Benzene	ND	6.3	ug/kg	0.85
Bromodichloromethane	ND	6.3	ug/kg	0.71
Bromoform	ND	6.3	ug/kg	0.56
Bromomethane	ND	6.3	ug/kg	0.93
2-Butanone	**12**	**6.3**	**ug/kg**	**1.1**
Carbon disulfide	ND	6.3	ug/kg	0.65
Carbon tetrachloride	ND	6.3	ug/kg	0.56
Chlorobenzene	ND	6.3	ug/kg	0.96
Chloroethane	~~ND~~ (0.3) UJ	6.3	ug/kg	2.0
Chloroform	ND	6.3	ug/kg	0.74
Chloromethane	ND	6.3	ug/kg	1.1
Cyclohexane	ND	6.3	ug/kg	0.47
Dibromochloromethane	ND	6.3	ug/kg	0.90
1,2-Dibromo-3-chloro-propane	ND	6.3	ug/kg	0.95
1,2-Dibromoethane	ND	6.3	ug/kg	1.1
1,3-Dichlorobenzene	ND	6.3	ug/kg	0.83
1,4-Dichlorobenzene	ND	6.3	ug/kg	0.80
1,2-Dichlorobenzene	ND	6.3	ug/kg	1.0
Dichlorodifluoromethane	ND	6.3	ug/kg	0.84
1,1-Dichloroethane	ND	6.3	ug/kg	0.73
1,2-Dichloroethane	ND	6.3	ug/kg	0.78
1,1-Dichloroethene	ND	6.3	ug/kg	1.1
cis-1,2-Dichloroethene	ND	6.3	ug/kg	0.89
trans-1,2-Dichloroethene	ND	6.3	ug/kg	0.75
1,2-Dichloropropane	ND	6.3	ug/kg	0.69
cis-1,3-Dichloropropene	ND	6.3	ug/kg	0.86
trans-1,3-Dichloropropene	ND	6.3	ug/kg	0.76
Ethylbenzene	**43**	**6.3**	**ug/kg**	**0.81**
2-Hexanone	ND	6.3	ug/kg	0.87
Isopropylbenzene	**11**	**6.3**	**ug/kg**	**0.86**
Methyl acetate	ND	6.3	ug/kg	1.1
Methylene chloride	~~2.6 J~~ (6.3) U	**6.3**	**ug/kg**	**0.85**
Methylcyclohexane	ND	6.3	ug/kg	0.92
4-Methyl-2-pentanone	ND	6.3	ug/kg	0.82
Methyl tert-butyl ether	ND	6.3	ug/kg	0.95

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ENSR International

Client Sample ID: SB50(14.5-15)

GC/MS Volatiles

Lot-Sample #...: C8G220214-001 Work Order #...: KR0E21AC Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Styrene	ND	6.3	ug/kg	0.67
1,1,2,2-Tetrachloroethane	ND	6.3	ug/kg	0.91
1,2,4-Trichloro-benzene	ND	6.3	ug/kg	1.1
Tetrachloroethene	ND	6.3	ug/kg	0.86
1,1,1-Trichloroethane	ND	6.3	ug/kg	0.61
1,1,2-Trichloroethane	ND	6.3	ug/kg	1.1
Trichloroethene	ND	6.3	ug/kg	0.83
Trichlorofluoromethane	ND	6.3	ug/kg	1.2
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	6.3	ug/kg	1.3
Vinyl chloride	ND	6.3	ug/kg	0.59
Xylenes (total)	**5.1 J**	**19**	**ug/kg**	**2.8**
Toluene	**1.1 J**	**6.3**	**ug/kg**	**0.92**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	98	(52 - 124)
Toluene-d8	98	(72 - 127)
4-Bromofluorobenzene	98	(63 - 120)
Dibromofluoromethane	89	(68 - 121)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

ENSR International

Client Sample ID: SB50(22-24)

GC/MS Volatiles

Lot-Sample #...: C8G220214-002	Work Order #...: KR0FC1AK	Matrix.....: SO
Date Sampled...: 07/17/08	Date Received..: 07/22/08	MS Run #.....: 8207029
Prep Date.....: 07/25/08	Analysis Date..: 07/25/08	
Prep Batch #...: 8207048	Analysis Time..: 14:57	
Dilution Factor: 1	Initial Wgt/Vol: 5 g	Final Wgt/Vol..: 5 mL
% Moisture.....: 25	Analyst ID.....: 010099	Instrument ID..: HP3
	Method.....: SW846 8260B	

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	**30** U	**27**	**ug/kg**	**6.6**
Benzene	**42**	**6.6**	**ug/kg**	**0.90**
Bromodichloromethane	ND	6.6	ug/kg	0.75
Bromoform	ND	6.6	ug/kg	0.59
Bromomethane	ND	6.6	ug/kg	0.98
2-Butanone	ND	6.6	ug/kg	1.2
Carbon disulfide	ND	6.6	ug/kg	0.68
Carbon tetrachloride	ND	6.6	ug/kg	0.59
Chlorobenzene	ND	6.6	ug/kg	1.0
Chloroethane	~~ND~~ 6.6 UJ	6.6	ug/kg	2.1
Chloroform	ND	6.6	ug/kg	0.78
Chloromethane	ND	6.6	ug/kg	1.1
Cyclohexane	ND	6.6	ug/kg	0.49
Dibromochloromethane	~~ND~~ 6.6 UJ	6.6	ug/kg	0.94
1,2-Dibromo-3-chloro-propane	ND	6.6	ug/kg	0.99
1,2-Dibromoethane	ND	6.6	ug/kg	1.1
1,3-Dichlorobenzene	ND	6.6	ug/kg	0.87
1,4-Dichlorobenzene	ND	6.6	ug/kg	0.85
1,2-Dichlorobenzene	ND	6.6	ug/kg	1.1
Dichlorodifluoromethane	ND	6.6	ug/kg	0.88
1,1-Dichloroethane	ND	6.6	ug/kg	0.76
1,2-Dichloroethane	ND	6.6	ug/kg	0.81
1,1-Dichloroethene	ND	6.6	ug/kg	1.1
cis-1,2-Dichloroethene	ND	6.6	ug/kg	0.93
trans-1,2-Dichloroethene	ND	6.6	ug/kg	0.79
1,2-Dichloropropane	ND	6.6	ug/kg	0.72
cis-1,3-Dichloropropene	ND	6.6	ug/kg	0.90
trans-1,3-Dichloropropene	ND	6.6	ug/kg	0.79
Ethylbenzene	**200**	**6.6**	**ug/kg**	**0.85**
2-Hexanone	ND	6.6	ug/kg	0.92
Isopropylbenzene	**7.1**	**6.6**	**ug/kg**	**0.90**
Methyl acetate	ND	6.6	ug/kg	1.2
Methylene chloride	~~2.7 J~~ 6.6 U	**6.6**	**ug/kg**	**0.89**
Methylcyclohexane	ND	6.6	ug/kg	0.96
4-Methyl-2-pentanone	ND	6.6	ug/kg	0.87
Methyl tert-butyl ether	ND	6.6	ug/kg	0.99

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ENSR International

Client Sample ID: SB50(22-24)

GC/MS Volatiles

Lot-Sample #...: C8G220214-002 Work Order #...: KR0FC1AK Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Styrene	ND	6.6	ug/kg	0.71
1,1,2,2-Tetrachloroethane	ND	6.6	ug/kg	0.95
1,2,4-Trichloro-benzene	ND	6.6	ug/kg	1.2
Tetrachloroethene	ND 6.6 UJ	6.6	ug/kg	0.90
1,1,1-Trichloroethane	ND	6.6	ug/kg	0.65
1,1,2-Trichloroethane	ND	6.6	ug/kg	1.1
Trichloroethene	ND	6.6	ug/kg	0.87
Trichlorofluoromethane	ND 6.6 UJ	6.6	ug/kg	1.2
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	6.6	ug/kg	1.4
Vinyl chloride	ND	6.6	ug/kg	0.62
Xylenes (total)	**200**	**20**	**ug/kg**	**3.0**
Toluene	**5.8 J**	**6.6**	**ug/kg**	**0.97**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	100	(52 - 124)
Toluene-d8	98	(72 - 127)
4-Bromofluorobenzene	94	(63 - 120)
Dibromofluoromethane	89	(68 - 121)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

ENSR International

Client Sample ID: SB50(24-26)

GC/MS Volatiles

Lot-Sample #...:	C8G220214-003	Work Order #...:	KR0FG1AK	Matrix.....:	SO
Date Sampled...:	07/17/08	Date Received..:	07/22/08	MS Run #.....:	8210034
Prep Date.....:	07/28/08	Analysis Date..:	07/28/08		
Prep Batch #...:	8210064	Analysis Time..:	11:34		
Dilution Factor:	1	Initial Wgt/Vol:	5 g	Final Wgt/Vol..:	5 mL
% Moisture.....:	17	Analyst ID.....:	010099	Instrument ID..:	HP3
		Method.....:	SW846 8260B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	~~6.1 J~~ 24 U	**24**	**ug/kg**	**6.0**
Benzene	ND	6.0	ug/kg	0.81
Bromodichloromethane	ND	6.0	ug/kg	0.68
Bromoform	ND	6.0	ug/kg	0.53
Bromomethane	ND	6.0	ug/kg	0.89
2-Butanone	ND	6.0	ug/kg	1.1
Carbon disulfide	ND	6.0	ug/kg	0.62
Carbon tetrachloride	ND	6.0	ug/kg	0.54
Chlorobenzene	ND	6.0	ug/kg	0.91
Chloroethane	~~ND~~ 6.0 UJ	6.0	ug/kg	1.9
Chloroform	ND	6.0	ug/kg	0.71
Chloromethane	ND	6.0	ug/kg	1.0
Cyclohexane	ND	6.0	ug/kg	0.45
Dibromochloromethane	ND	6.0	ug/kg	0.86
1,2-Dibromo-3-chloro-propane	ND	6.0	ug/kg	0.90
1,2-Dibromoethane	ND	6.0	ug/kg	1.0
1,3-Dichlorobenzene	ND	6.0	ug/kg	0.79
1,4-Dichlorobenzene	ND	6.0	ug/kg	0.77
1,2-Dichlorobenzene	ND	6.0	ug/kg	0.96
Dichlorodifluoromethane	ND	6.0	ug/kg	0.80
1,1-Dichloroethane	ND	6.0	ug/kg	0.69
1,2-Dichloroethane	ND	6.0	ug/kg	0.74
1,1-Dichloroethene	ND	6.0	ug/kg	1.0
cis-1,2-Dichloroethene	ND	6.0	ug/kg	0.85
trans-1,2-Dichloroethene	ND	6.0	ug/kg	0.72
1,2-Dichloropropane	ND	6.0	ug/kg	0.65
cis-1,3-Dichloropropene	ND	6.0	ug/kg	0.82
trans-1,3-Dichloropropene	ND	6.0	ug/kg	0.72
Ethylbenzene	ND	6.0	ug/kg	0.77
2-Hexanone	ND	6.0	ug/kg	0.83
Isopropylbenzene	ND	6.0	ug/kg	0.82
Methyl acetate	ND	6.0	ug/kg	1.1
Methylene chloride	~~1.8 J~~ 6.0 U	**6.0**	**ug/kg**	**0.81**
Methylcyclohexane	ND	6.0	ug/kg	0.87
4-Methyl-2-pentanone	ND	6.0	ug/kg	0.79
Methyl tert-butyl ether	ND	6.0	ug/kg	0.90

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ENSR International

Client Sample ID: SB50(24-26)

GC/MS Volatiles

Lot-Sample #...: C8G220214-003 Work Order #...: KR0FG1AK Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Styrene	ND	6.0	ug/kg	0.64
1,1,2,2-Tetrachloroethane	ND	6.0	ug/kg	0.87
1,2,4-Trichloro-benzene	ND	6.0	ug/kg	1.1
Tetrachloroethene	ND	6.0	ug/kg	0.82
1,1,1-Trichloroethane	ND	6.0	ug/kg	0.59
1,1,2-Trichloroethane	ND	6.0	ug/kg	1.0
Trichloroethene	ND	6.0	ug/kg	0.79
Trichlorofluoromethane	ND	6.0	ug/kg	1.1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	6.0	ug/kg	1.3
Vinyl chloride	ND	6.0	ug/kg	0.57
Xylenes (total)	ND	18	ug/kg	2.7
Toluene	ND	6.0	ug/kg	0.88

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	96	(52 - 124)
Toluene-d8	97	(72 - 127)
4-Bromofluorobenzene	95	(63 - 120)
Dibromofluoromethane	90	(68 - 121)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

AECOM, Inc

Client Sample ID: SB50(80-81)

GC/MS Volatiles

Lot-Sample #...:	C8G260118-001	**Work Order #...:**	KR7VJ1AC	**Matrix.....:**	SO
Date Sampled...:	07/22/08	**Date Received..:**	07/26/08	**MS Run #.....:**	8210034
Prep Date.....:	07/28/08	**Analysis Date..:**	07/28/08		
Prep Batch #...:	8210064	**Analysis Time..:**	11:58		
Dilution Factor:	1	**Initial Wgt/Vol:**	5 g	**Final Wgt/Vol..:**	5 mL
% Moisture.....:	16	**Analyst ID.....:**	010099	**Instrument ID..:**	HP3
		Method.....:	SW846 8260B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	**72** U	**24**	**ug/kg**	**5.9**
Benzene	ND	5.9	ug/kg	0.80
Bromodichloromethane	ND	5.9	ug/kg	0.66
Bromoform	ND	5.9	ug/kg	0.52
Bromomethane	ND	5.9	ug/kg	0.88
2-Butanone	ND	5.9	ug/kg	1.0
Carbon disulfide	ND	5.9	ug/kg	0.61
Carbon tetrachloride	ND	5.9	ug/kg	0.53
Chlorobenzene	ND	5.9	ug/kg	0.90
Chloroethane	ND 5.9 UJ	5.9	ug/kg	1.8
Chloroform	ND	5.9	ug/kg	0.69
Chloromethane	ND	5.9	ug/kg	1.0
Cyclohexane	ND	5.9	ug/kg	0.44
Dibromochloromethane	ND	5.9	ug/kg	0.84
1,2-Dibromo-3-chloro-propane	ND	5.9	ug/kg	0.89
1,2-Dibromoethane	ND	5.9	ug/kg	1.0
1,3-Dichlorobenzene	ND	5.9	ug/kg	0.78
1,4-Dichlorobenzene	ND	5.9	ug/kg	0.75
1,2-Dichlorobenzene	ND	5.9	ug/kg	0.94
Dichlorodifluoromethane	ND	5.9	ug/kg	0.79
1,1-Dichloroethane	ND	5.9	ug/kg	0.68
1,2-Dichloroethane	ND	5.9	ug/kg	0.73
1,1-Dichloroethene	ND	5.9	ug/kg	1.0
cis-1,2-Dichloroethene	ND	5.9	ug/kg	0.83
trans-1,2-Dichloroethene	ND	5.9	ug/kg	0.71
1,2-Dichloropropane	ND	5.9	ug/kg	0.64
cis-1,3-Dichloropropene	ND	5.9	ug/kg	0.80
trans-1,3-Dichloropropene	ND	5.9	ug/kg	0.71
Ethylbenzene	ND	5.9	ug/kg	0.76
2-Hexanone	ND	5.9	ug/kg	0.82
Isopropylbenzene	ND	5.9	ug/kg	0.80
Methyl acetate	ND	5.9	ug/kg	1.1
Methylene chloride	**240** U	**5.9**	**ug/kg**	**0.80**
Methylcyclohexane	ND	5.9	ug/kg	0.86
4-Methyl-2-pentanone	ND	5.9	ug/kg	0.77
Methyl tert-butyl ether	ND	5.9	ug/kg	0.89

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AECOM, Inc

Client Sample ID: SB50(80-81)

GC/MS Volatiles

Lot-Sample #...: C8G260118-001 Work Order #...: KR7VJ1AC Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Styrene	ND	5.9	ug/kg	0.63
1,1,2,2-Tetrachloroethane	ND	5.9	ug/kg	0.85
1,2,4-Trichloro-benzene	ND	5.9	ug/kg	1.0
Tetrachloroethene	ND	5.9	ug/kg	0.81
1,1,1-Trichloroethane	ND	5.9	ug/kg	0.58
1,1,2-Trichloroethane	ND	5.9	ug/kg	0.98
Trichloroethene	ND	5.9	ug/kg	0.78
Trichlorofluoromethane	ND	5.9	ug/kg	1.1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	5.9	ug/kg	1.3
Vinyl chloride	ND	5.9	ug/kg	0.56
Xylenes (total)	ND	18	ug/kg	2.7
Toluene	ND	5.9	ug/kg	0.86

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	102	(52 - 124)
Toluene-d8	101	(72 - 127)
4-Bromofluorobenzene	87	(63 - 120)
Dibromofluoromethane	92	(68 - 121)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

AECOM, Inc

Client Sample ID: SB46(8-10)

GC/MS Volatiles

Lot-Sample #...: C8G260118-002	Work Order #...: KR7VP1AK	Matrix.....: SO
Date Sampled...: 07/24/08	Date Received..: 07/26/08	MS Run #.....: 8211158
Prep Date.....: 07/29/08	Analysis Date..: 07/29/08	
Prep Batch #...: 8211253	Analysis Time..: 11:30	
Dilution Factor: 5	Initial Wgt/Vol: 5 g	Final Wgt/Vol..: 5 mL
% Moisture.....: 18	Analyst ID.....: 001562	Instrument ID..: HP5
	Method.....: SW846 8260B	

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	6100	ug/kg	360
Benzene	ND	1500	ug/kg	310
Bromodichloromethane	ND	1500	ug/kg	290
Bromoform	ND	1500	ug/kg	310
Bromomethane	ND	1500	ug/kg	380
2-Butanone	ND	1500	ug/kg	290
Carbon disulfide	ND	1500	ug/kg	370
Carbon tetrachloride	ND	1500	ug/kg	270
Chlorobenzene	ND	1500	ug/kg	340
Chloroethane	ND	1500	ug/kg	440
Chloroform	ND	1500	ug/kg	320
Chloromethane	ND	1500	ug/kg	340
Cyclohexane	ND	1500	ug/kg	300
Dibromochloromethane	ND	1500	ug/kg	280
1,2-Dibromo-3-chloro-propane	ND	1500	ug/kg	260
1,2-Dibromoethane	ND	1500	ug/kg	320
1,3-Dichlorobenzene	ND	1500	ug/kg	320
1,4-Dichlorobenzene	ND	1500	ug/kg	340
1,2-Dichlorobenzene	ND	1500	ug/kg	330
Dichlorodifluoromethane	ND	1500	ug/kg	390
1,1-Dichloroethane	ND	1500	ug/kg	300
1,2-Dichloroethane	ND	1500	ug/kg	330
1,1-Dichloroethene	ND	1500	ug/kg	360
cis-1,2-Dichloroethene	ND	1500	ug/kg	330
trans-1,2-Dichloroethene	ND	1500	ug/kg	350
1,2-Dichloropropane	ND	1500	ug/kg	340
cis-1,3-Dichloropropene	ND	1500	ug/kg	270
trans-1,3-Dichloropropene	ND	1500	ug/kg	260
Ethylbenzene	**1400 J**	**1500**	**ug/kg**	**360**
2-Hexanone	ND	1500	ug/kg	240
Isopropylbenzene	**650 J**	**1500**	**ug/kg**	**320**
Methyl acetate	ND	1500	ug/kg	320
Methylene chloride	ND	1500	ug/kg	230
Methylcyclohexane	**3800**	**1500**	**ug/kg**	**340**
4-Methyl-2-pentanone	ND	1500	ug/kg	260
Methyl tert-butyl ether	ND	1500	ug/kg	280

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AECOM, Inc

Client Sample ID: SB46(8-10)

GC/MS Volatiles

Lot-Sample #...: C8G260118-002 Work Order #...: KR7VP1AK Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Styrene	ND	1500	ug/kg	340
1,1,2,2-Tetrachloroethane	ND	1500	ug/kg	340
1,2,4-Trichloro-benzene	ND	1500	ug/kg	310
Tetrachloroethene	ND	1500	ug/kg	390
1,1,1-Trichloroethane	ND	1500	ug/kg	310
1,1,2-Trichloroethane	ND	1500	ug/kg	320
Trichloroethene	ND	1500	ug/kg	340
Trichlorofluoromethane	ND	1500	ug/kg	490
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1500	ug/kg	370
Vinyl chloride	ND	1500	ug/kg	340
Xylenes (total)	**2800 J**	**4600**	**ug/kg**	**1100**
Toluene	ND	1500	ug/kg	240

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	106	(52 - 124)
Toluene-d8	102	(72 - 127)
4-Bromofluorobenzene	105	(63 - 120)
Dibromofluoromethane	98	(68 - 121)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

ENSR International

Client Sample ID: SB46(74-76)

GC/MS Volatiles

Lot-Sample #...: C8H080154-001	Work Order #...: KTTRF1AC	Matrix.....: SO
Date Sampled...: 07/31/08	Date Received..: 08/07/08	MS Run #.....: 8224023
Prep Date.....: 08/11/08	Analysis Date..: 08/11/08	
Prep Batch #...: 8224043	Analysis Time..: 06:44	
Dilution Factor: 1	Initial Wgt/Vol: 5 g	Final Wgt/Vol..: 5 mL
% Moisture.....: 12	Analyst ID.....: 010099	Instrument ID..: HP3
	Method.....: SW846 8260B	

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND 23 U	23	ug/kg	5.7
Benzene	ND	5.7	ug/kg	0.77
Bromodichloromethane	ND	5.7	ug/kg	0.64
Bromoform	ND	5.7	ug/kg	0.50
Bromomethane	ND	5.7	ug/kg	0.84
2-Butanone	ND	5.7	ug/kg	1.0
Carbon disulfide	ND 5.7 U	5.7	ug/kg	0.58
Carbon tetrachloride	ND	5.7	ug/kg	0.51
Chlorobenzene	ND	5.7	ug/kg	0.86
Chloroethane	ND	5.7	ug/kg	1.8
Chloroform	ND	5.7	ug/kg	0.67
Chloromethane	ND	5.7	ug/kg	0.97
Cyclohexane	ND	5.7	ug/kg	0.42
Dibromochloromethane	ND	5.7	ug/kg	0.81
1,2-Dibromo-3-chloro-propane	ND	5.7	ug/kg	0.85
1,2-Dibromoethane	ND	5.7	ug/kg	0.98
1,3-Dichlorobenzene	ND	5.7	ug/kg	0.75
1,4-Dichlorobenzene	ND	5.7	ug/kg	0.72
1,2-Dichlorobenzene	ND	5.7	ug/kg	0.91
Dichlorodifluoromethane	ND 5.7 U	5.7	ug/kg	0.76
1,1-Dichloroethane	ND	5.7	ug/kg	0.65
1,2-Dichloroethane	ND	5.7	ug/kg	0.70
1,1-Dichloroethene	ND	5.7	ug/kg	0.96
cis-1,2-Dichloroethene	ND	5.7	ug/kg	0.80
trans-1,2-Dichloroethene	ND	5.7	ug/kg	0.68
1,2-Dichloropropane	ND	5.7	ug/kg	0.62
cis-1,3-Dichloropropene	ND	5.7	ug/kg	0.77
trans-1,3-Dichloropropene	ND	5.7	ug/kg	0.68
Ethylbenzene	ND	5.7	ug/kg	0.73
2-Hexanone	ND	5.7	ug/kg	0.79
Isopropylbenzene	ND	5.7	ug/kg	0.77
Methyl acetate	ND	5.7	ug/kg	1.0
Methylene chloride	ND	5.7	ug/kg	0.76
Methylcyclohexane	ND	5.7	ug/kg	0.82
4-Methyl-2-pentanone	ND	5.7	ug/kg	0.74
Methyl tert-butyl ether	ND	5.7	ug/kg	0.85

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ENSR International

Client Sample ID: SB46(74-76)

GC/MS Volatiles

Lot-Sample #...: C8H080154-001 Work Order #...: KTTRF1AC Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Styrene	ND	5.7	ug/kg	0.60
1,1,2,2-Tetrachloroethane	ND	5.7	ug/kg	0.82
1,2,4-Trichloro-benzene	ND	5.7	ug/kg	1.0
Tetrachloroethene	ND	5.7	ug/kg	0.77
1,1,1-Trichloroethane	ND	5.7	ug/kg	0.55
1,1,2-Trichloroethane	ND	5.7	ug/kg	0.95
Trichloroethene	ND	5.7	ug/kg	0.75
Trichlorofluoromethane	ND	5.7	ug/kg	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	5.7	ug/kg	1.2
Vinyl chloride	ND	5.7	ug/kg	0.53
Xylenes (total)	ND	17	ug/kg	2.5
Toluene	ND	5.7	ug/kg	0.83

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	93	(52 - 124)
Toluene-d8	86	(72 - 127)
4-Bromofluorobenzene	88	(63 - 120)
Dibromofluoromethane	94	(68 - 121)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

ENSR International

Client Sample ID: SB49(8-10)

GC/MS Volatiles

Lot-Sample #...: C8H080154-002	Work Order #...: KTTRR1AK	Matrix.....: SO
Date Sampled...: 08/01/08	Date Received..: 08/07/08	MS Run #.....: 8224023
Prep Date.....: 08/11/08	Analysis Date..: 08/11/08	
Prep Batch #...: 8224043	Analysis Time..: 08:47	
Dilution Factor: 1	Initial Wgt/Vol: 5 g	Final Wgt/Vol..: 5 mL
% Moisture.....: 34	Analyst ID.....: 010099	Instrument ID..: HP3
	Method.....: SW846 8260B	

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	~~19 J~~ 30 U	**30**	**ug/kg**	**7.5**
Benzene	ND	7.5	ug/kg	1.0
Bromodichloromethane	ND	7.5	ug/kg	0.84
Bromoform	ND	7.5	ug/kg	0.67
Bromomethane	ND	7.5	ug/kg	1.1
2-Butanone	ND	7.5	ug/kg	1.3
Carbon disulfide	ND 7.5 U	7.5	ug/kg	0.77
Carbon tetrachloride	ND	7.5	ug/kg	0.67
Chlorobenzene	ND	7.5	ug/kg	1.1
Chloroethane	ND	7.5	ug/kg	2.3
Chloroform	ND	7.5	ug/kg	0.88
Chloromethane	ND	7.5	ug/kg	1.3
Cyclohexane	ND	7.5	ug/kg	0.56
Dibromochloromethane	ND	7.5	ug/kg	1.1
1,2-Dibromo-3-chloro-propane	ND	7.5	ug/kg	1.1
1,2-Dibromoethane	ND	7.5	ug/kg	1.3
1,3-Dichlorobenzene	ND	7.5	ug/kg	0.99
1,4-Dichlorobenzene	ND	7.5	ug/kg	0.96
1,2-Dichlorobenzene	ND	7.5	ug/kg	1.2
Dichlorodifluoromethane	ND 7.5 U	7.5	ug/kg	1.0
1,1-Dichloroethane	ND	7.5	ug/kg	0.87
1,2-Dichloroethane	ND	7.5	ug/kg	0.92
1,1-Dichloroethene	ND	7.5	ug/kg	1.3
cis-1,2-Dichloroethene	ND	7.5	ug/kg	1.1
trans-1,2-Dichloroethene	ND	7.5	ug/kg	0.90
1,2-Dichloropropane	ND	7.5	ug/kg	0.82
cis-1,3-Dichloropropene	ND	7.5	ug/kg	1.0
trans-1,3-Dichloropropene	ND	7.5	ug/kg	0.90
Ethylbenzene	ND	7.5	ug/kg	0.97
2-Hexanone	ND	7.5	ug/kg	1.0
Isopropylbenzene	ND	7.5	ug/kg	1.0
Methyl acetate	ND	7.5	ug/kg	1.4
Methylene chloride	ND	7.5	ug/kg	1.0
Methylcyclohexane	ND	7.5	ug/kg	1.1
4-Methyl-2-pentanone	ND	7.5	ug/kg	0.98
Methyl tert-butyl ether	ND	7.5	ug/kg	1.1

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ENSR International

Client Sample ID: SB49(8-10)

GC/MS Volatiles

Lot-Sample #...: C8H080154-002 Work Order #...: KTTRR1AK Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Styrene	ND	7.5	ug/kg	0.80
1,1,2,2-Tetrachloroethane	ND	7.5	ug/kg	1.1
1,2,4-Trichloro-benzene	ND	7.5	ug/kg	1.3
Tetrachloroethene	ND	7.5	ug/kg	1.0
1,1,1-Trichloroethane	ND	7.5	ug/kg	0.73
1,1,2-Trichloroethane	ND	7.5	ug/kg	1.3
Trichloroethene	ND	7.5	ug/kg	0.99
Trichlorofluoromethane	ND	7.5	ug/kg	1.4
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	7.5	ug/kg	1.6
Vinyl chloride	ND	7.5	ug/kg	0.71
Xylenes (total)	ND	23	ug/kg	3.4
Toluene	ND	7.5	ug/kg	1.1

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	100	(52 - 124)
Toluene-d8	93	(72 - 127)
4-Bromofluorobenzene	94	(63 - 120)
Dibromofluoromethane	97	(68 - 121)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

ENSR International

Client Sample ID: SB49(22-24)

GC/MS Volatiles

Lot-Sample #...:	C8H080154-003	**Work Order #...:**	KTTR11AK	**Matrix.....:**	SO
Date Sampled...:	08/01/08	**Date Received..:**	08/07/08	**MS Run #.....:**	8227039
Prep Date.....:	08/14/08	**Analysis Date..:**	08/14/08		
Prep Batch #...:	8227235	**Analysis Time..:**	10:14		
Dilution Factor:	1	**Initial Wgt/Vol:**	5 g	**Final Wgt/Vol..:**	5 mL
% Moisture.....:	33	**Analyst ID.....:**	001562	**Instrument ID..:**	HP5
		Method.....:	SW846 8260B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	1500	ug/kg	88
Benzene	**9800**	**370**	**ug/kg**	**77**
Bromodichloromethane	ND	370	ug/kg	72
Bromoform	ND	370	ug/kg	75
Bromomethane	ND	370	ug/kg	94
2-Butanone	ND	370	ug/kg	72
Carbon disulfide	ND	370	ug/kg	91
Carbon tetrachloride	ND	370	ug/kg	66
Chlorobenzene	ND	370	ug/kg	82
Chloroethane	ND	370	ug/kg	110
Chloroform	ND	370	ug/kg	78
Chloromethane	ND	370	ug/kg	82
Cyclohexane	ND	370	ug/kg	74
Dibromochloromethane	ND	370	ug/kg	69
1,2-Dibromo-3-chloro-propane	ND	370	ug/kg	62
1,2-Dibromoethane	ND	370	ug/kg	77
1,3-Dichlorobenzene	ND	370	ug/kg	78
1,4-Dichlorobenzene	ND	370	ug/kg	82
1,2-Dichlorobenzene	ND	370	ug/kg	82
Dichlorodifluoromethane	ND	370	ug/kg	95
1,1-Dichloroethane	ND	370	ug/kg	72
1,2-Dichloroethane	ND	370	ug/kg	81
1,1-Dichloroethene	ND	370	ug/kg	87
cis-1,2-Dichloroethene	ND	370	ug/kg	80
trans-1,2-Dichloroethene	ND	370	ug/kg	86
1,2-Dichloropropane	ND	370	ug/kg	82
cis-1,3-Dichloropropene	ND	370	ug/kg	67
trans-1,3-Dichloropropene	ND	370	ug/kg	65
Ethylbenzene	**490**	**370**	**ug/kg**	**88**
2-Hexanone	ND	370	ug/kg	59
Isopropylbenzene	ND	370	ug/kg	79
Methyl acetate	**110 J**	**370**	**ug/kg**	**79**
Methylene chloride	ND	370	ug/kg	57
Methylcyclohexane	ND	370	ug/kg	83
4-Methyl-2-pentanone	ND	370	ug/kg	64
Methyl tert-butyl ether	ND	370	ug/kg	69

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ENSR International

Client Sample ID: SB49(22-24)

GC/MS Volatiles

Lot-Sample #...: C8H080154-003 Work Order #...: KTTR11AK Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Styrene	ND	370	ug/kg	83
1,1,2,2-Tetrachloroethane	ND	370	ug/kg	84
1,2,4-Trichloro-benzene	ND	370	ug/kg	77
Tetrachloroethene	ND	370	ug/kg	96
1,1,1-Trichloroethane	ND	370	ug/kg	75
1,1,2-Trichloroethane	ND	370	ug/kg	79
Trichloroethene	ND	370	ug/kg	83
Trichlorofluoromethane	ND	370	ug/kg	120
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	370	ug/kg	91
Vinyl chloride	ND	370	ug/kg	83
Xylenes (total)	**660 J**	**1100**	**ug/kg**	**260**
Toluene	ND	370	ug/kg	59

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	110	(52 - 124)
Toluene-d8	95	(72 - 127)
4-Bromofluorobenzene	102	(63 - 120)
Dibromofluoromethane	106	(68 - 121)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

ENSR International

Client Sample ID: SB49(28-30)

GC/MS Volatiles

Lot-Sample #...: C8H080154-004	Work Order #...: KTTR41AK	Matrix.....: SO
Date Sampled...: 08/01/08	Date Received..: 08/07/08	MS Run #.....: 8227039
Prep Date.....: 08/14/08	Analysis Date..: 08/14/08	
Prep Batch #...: 8227235	Analysis Time..: 10:38	
Dilution Factor: 1	Initial Wgt/Vol: 5 g	Final Wgt/Vol..: 5 mL
% Moisture.....: 26	Analyst ID.....: 001562	Instrument ID..: HP5
	Method.....: SW846 8260B	

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	1400	ug/kg	81
Benzene	**13000**	**340**	**ug/kg**	**70**
Bromodichloromethane	ND	340	ug/kg	66
Bromoform	ND	340	ug/kg	69
Bromomethane	ND	340	ug/kg	86
2-Butanone	ND	340	ug/kg	66
Carbon disulfide	ND	340	ug/kg	83
Carbon tetrachloride	ND	340	ug/kg	61
Chlorobenzene	ND	340	ug/kg	75
Chloroethane	ND	340	ug/kg	98
Chloroform	ND	340	ug/kg	72
Chloromethane	ND	340	ug/kg	75
Cyclohexane	ND	340	ug/kg	68
Dibromochloromethane	ND	340	ug/kg	63
1,2-Dibromo-3-chloro-propane	ND	340	ug/kg	57
1,2-Dibromoethane	ND	340	ug/kg	71
1,3-Dichlorobenzene	ND	340	ug/kg	71
1,4-Dichlorobenzene	ND	340	ug/kg	75
1,2-Dichlorobenzene	ND	340	ug/kg	75
Dichlorodifluoromethane	ND	340	ug/kg	87
1,1-Dichloroethane	ND	340	ug/kg	66
1,2-Dichloroethane	ND	340	ug/kg	74
1,1-Dichloroethene	ND	340	ug/kg	79
cis-1,2-Dichloroethene	ND	340	ug/kg	73
trans-1,2-Dichloroethene	ND	340	ug/kg	79
1,2-Dichloropropane	ND	340	ug/kg	75
cis-1,3-Dichloropropene	ND	340	ug/kg	61
trans-1,3-Dichloropropene	ND	340	ug/kg	59
Ethylbenzene	ND	340	ug/kg	80
2-Hexanone	ND	340	ug/kg	54
Isopropylbenzene	ND	340	ug/kg	73
Methyl acetate	**95 J**	**340**	**ug/kg**	**72**
Methylene chloride	ND	340	ug/kg	52
Methylcyclohexane	ND	340	ug/kg	76
4-Methyl-2-pentanone	ND	340	ug/kg	59
Methyl tert-butyl ether	ND	340	ug/kg	63

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ENSR International

Client Sample ID: SB49(28-30)

GC/MS Volatiles

Lot-Sample #...: C8H080154-004 Work Order #...: KTTR41AK Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Styrene	ND	340	ug/kg	76
1,1,2,2-Tetrachloroethane	ND	340	ug/kg	77
1,2,4-Trichloro-benzene	ND	340	ug/kg	70
Tetrachloroethene	ND	340	ug/kg	88
1,1,1-Trichloroethane	ND	340	ug/kg	69
1,1,2-Trichloroethane	ND	340	ug/kg	72
Trichloroethene	ND	340	ug/kg	76
Trichlorofluoromethane	ND	340	ug/kg	110
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	340	ug/kg	84
Vinyl chloride	ND	340	ug/kg	76
Xylenes (total)	ND	1000	ug/kg	240
Toluene	ND	340	ug/kg	54

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	111	(52 - 124)
Toluene-d8	95	(72 - 127)
4-Bromofluorobenzene	101	(63 - 120)
Dibromofluoromethane	104	(68 - 121)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

ENSR International

Client Sample ID: SB49(72-74)

GC/MS Volatiles

Lot-Sample #...:	C8H080154-005	Work Order #...:	KTTR61AK	Matrix.....:	SO
Date Sampled...:	08/04/08	Date Received..:	08/07/08	MS Run #.....:	8224023
Prep Date.....:	08/11/08	Analysis Date..:	08/11/08		
Prep Batch #...:	8224043	Analysis Time..:	10:25		
Dilution Factor:	1	Initial Wgt/Vol:	5 g	Final Wgt/Vol..:	5 mL
% Moisture.....:	11	Analyst ID.....:	010099	Instrument ID..:	HP3
		Method.....:	SW846 8260B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND 23 UJ	23	ug/kg	5.6
Benzene	ND	5.6	ug/kg	0.76
Bromodichloromethane	ND	5.6	ug/kg	0.63
Bromoform	ND	5.6	ug/kg	0.50
Bromomethane	ND	5.6	ug/kg	0.83
2-Butanone	ND	5.6	ug/kg	0.99
Carbon disulfide	ND 5.6 UJ	5.6	ug/kg	0.58
Carbon tetrachloride	ND	5.6	ug/kg	0.50
Chlorobenzene	ND	5.6	ug/kg	0.85
Chloroethane	ND	5.6	ug/kg	1.7
Chloroform	ND	5.6	ug/kg	0.66
Chloromethane	ND	5.6	ug/kg	0.96
Cyclohexane	ND	5.6	ug/kg	0.42
Dibromochloromethane	ND	5.6	ug/kg	0.80
1,2-Dibromo-3-chloro-propane	ND	5.6	ug/kg	0.84
1,2-Dibromoethane	ND	5.6	ug/kg	0.97
1,3-Dichlorobenzene	ND	5.6	ug/kg	0.74
1,4-Dichlorobenzene	ND	5.6	ug/kg	0.72
1,2-Dichlorobenzene	ND	5.6	ug/kg	0.90
Dichlorodifluoromethane	ND 5.6 UJ	5.6	ug/kg	0.75
1,1-Dichloroethane	ND	5.6	ug/kg	0.65
1,2-Dichloroethane	ND	5.6	ug/kg	0.69
1,1-Dichloroethene	ND	5.6	ug/kg	0.96
cis-1,2-Dichloroethene	ND	5.6	ug/kg	0.79
trans-1,2-Dichloroethene	ND	5.6	ug/kg	0.67
1,2-Dichloropropane	ND	5.6	ug/kg	0.61
cis-1,3-Dichloropropene	ND	5.6	ug/kg	0.76
trans-1,3-Dichloropropene	ND	5.6	ug/kg	0.67
Ethylbenzene	ND	5.6	ug/kg	0.72
2-Hexanone	ND	5.6	ug/kg	0.78
Isopropylbenzene	ND	5.6	ug/kg	0.76
Methyl acetate	ND	5.6	ug/kg	1.0
Methylene chloride	ND	5.6	ug/kg	0.76
Methylcyclohexane	ND	5.6	ug/kg	0.82
4-Methyl-2-pentanone	ND	5.6	ug/kg	0.73
Methyl tert-butyl ether	ND	5.6	ug/kg	0.84

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ENSR International

Client Sample ID: SB49(72-74)

GC/MS Volatiles

Lot-Sample #...: C8H080154-005 Work Order #...: KTTR61AK Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Styrene	ND	5.6	ug/kg	0.60
1,1,2,2-Tetrachloroethane	ND	5.6	ug/kg	0.81
1,2,4-Trichloro-benzene	ND	5.6	ug/kg	0.99
Tetrachloroethene	ND	5.6	ug/kg	0.77
1,1,1-Trichloroethane	ND	5.6	ug/kg	0.55
1,1,2-Trichloroethane	ND	5.6	ug/kg	0.94
Trichloroethene	ND	5.6	ug/kg	0.74
Trichlorofluoromethane	ND	5.6	ug/kg	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	5.6	ug/kg	1.2
Vinyl chloride	ND	5.6	ug/kg	0.53
Xylenes (total)	ND	17	ug/kg	2.5
Toluene	ND	5.6	ug/kg	0.82

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	100	(52 - 124)
Toluene-d8	94	(72 - 127)
4-Bromofluorobenzene	90	(63 - 120)
Dibromofluoromethane	98	(68 - 121)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

ENSR International

Client Sample ID: SB51(23.5-25.5)

GC/MS Volatiles

Lot-Sample #...: C8I060176-001	**Work Order #...:** KWE0P1AC	**Matrix.....:** SO
Date Sampled...: 09/02/08	**Date Received..:** 09/06/08	**MS Run #.....:** 8256044
Prep Date.....: 09/12/08	**Analysis Date..:** 09/12/08	
Prep Batch #...: 8256086	**Analysis Time..:** 08:49	
Dilution Factor: 1	**Initial Wgt/Vol:** 5 g	**Final Wgt/Vol..:** 5 mL
% Moisture.....: 25	**Analyst ID.....:** 001562	**Instrument ID..:** HP5
	Method.....: SW846 8260B	

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	1300	ug/kg	340
Benzene	**3400**	**340**	**ug/kg**	**66**
Bromodichloromethane	ND	340	ug/kg	62
Bromoform	ND	340	ug/kg	72
Bromomethane	ND	340	ug/kg	110
2-Butanone	ND	340	ug/kg	73
Carbon disulfide	ND	340	ug/kg	72
Carbon tetrachloride	ND	340	ug/kg	73
Chlorobenzene	ND	340	ug/kg	35
Chloroethane	ND	340	ug/kg	50
Chloroform	ND	340	ug/kg	68
Chloromethane	ND	340	ug/kg	93
Cyclohexane	ND	340	ug/kg	40
Dibromochloromethane	ND	340	ug/kg	43
1,2-Dibromo-3-chloro-propane	ND	340	ug/kg	24
1,2-Dibromoethane	ND	340	ug/kg	41
1,3-Dichlorobenzene	ND	340	ug/kg	34
1,4-Dichlorobenzene	ND	340	ug/kg	35
1,2-Dichlorobenzene	ND	340	ug/kg	46
Dichlorodifluoromethane	ND	340	ug/kg	43
1,1-Dichloroethane	ND	340	ug/kg	68
1,2-Dichloroethane	ND	340	ug/kg	64
1,1-Dichloroethene	ND	340	ug/kg	71
cis-1,2-Dichloroethene	ND	340	ug/kg	45
trans-1,2-Dichloroethene	ND	340	ug/kg	50
1,2-Dichloropropane	ND	340	ug/kg	86
cis-1,3-Dichloropropene	ND	340	ug/kg	49
trans-1,3-Dichloropropene	ND	340	ug/kg	39
Ethylbenzene	ND	340	ug/kg	42
2-Hexanone	ND	340	ug/kg	38
Isopropylbenzene	ND	340	ug/kg	36
Methyl acetate	ND	340	ug/kg	82
Methylene chloride	ND	340	ug/kg	73
Methylcyclohexane	ND	340	ug/kg	37
4-Methyl-2-pentanone	ND	340	ug/kg	40
Methyl tert-butyl ether	ND	340	ug/kg	69

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ENSR International

Client Sample ID: SB51(23.5-25.5)

GC/MS Volatiles

Lot-Sample #...: C8I060176-001 Work Order #...: KWE0P1AC Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Styrene	ND	340	ug/kg	43
1,1,2,2-Tetrachloroethane	ND	340	ug/kg	63
1,2,4-Trichloro-benzene	ND	340	ug/kg	25
Tetrachloroethene	ND	340	ug/kg	55
1,1,1-Trichloroethane	ND	340	ug/kg	69
1,1,2-Trichloroethane	ND	340	ug/kg	78
Trichloroethene	ND	340	ug/kg	54
Trichlorofluoromethane	ND	340	ug/kg	75
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	340	ug/kg	22
Vinyl chloride	ND	340	ug/kg	87
Xylenes (total)	ND	1000	ug/kg	130
Toluene	ND	340	ug/kg	57

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	110	(52 - 124)
Toluene-d8	110	(72 - 127)
4-Bromofluorobenzene	107	(63 - 120)
Dibromofluoromethane	103	(68 - 121)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

ENSR International

Client Sample ID: SB45(8-10)

GC/MS Volatiles

Lot-Sample #...: C8J100124-001	**Work Order #...:** K0KA91AC	**Matrix.....:** SO
Date Sampled...: 10/06/08	**Date Received..:** 10/09/08	**MS Run #.....:** 8290313
Prep Date.....: 10/16/08	**Analysis Date..:** 10/16/08	
Prep Batch #...: 8290435	**Analysis Time..:** 15:31	
Dilution Factor: 20	**Initial Wgt/Vol:** 5 g	**Final Wgt/Vol..:** 5 mL
% Moisture.....: 17	**Analyst ID.....:** 034635	**Instrument ID..:** HP4
	Method.....: SW846 8260B	

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND 24000 UJ	24000	ug/kg	6000
Benzene	**47000**	**6000**	**ug/kg**	**1200**
Bromodichloromethane	ND	6000	ug/kg	1100
Bromoform	ND	6000	ug/kg	1300
Bromomethane	ND	6000	ug/kg	1900
2-Butanone	ND 6000 UJ	6000	ug/kg	1300
Carbon disulfide	ND	6000	ug/kg	1300
Carbon tetrachloride	ND	6000	ug/kg	1300
Chlorobenzene	ND	6000	ug/kg	630
Chloroethane	ND	6000	ug/kg	900
Chloroform	ND	6000	ug/kg	1200
Chloromethane	ND	6000	ug/kg	1700
Cyclohexane	ND	6000	ug/kg	720
Dibromochloromethane	ND	6000	ug/kg	780
1,2-Dibromo-3-chloro-propane	ND	6000	ug/kg	420
1,2-Dibromoethane	ND	6000	ug/kg	730
1,3-Dichlorobenzene	ND	6000	ug/kg	610
1,4-Dichlorobenzene	ND	6000	ug/kg	630
1,2-Dichlorobenzene	ND	6000	ug/kg	820
Dichlorodifluoromethane	ND	6000	ug/kg	760
1,1-Dichloroethane	ND	6000	ug/kg	1200
1,2-Dichloroethane	ND	6000	ug/kg	1200
1,1-Dichloroethene	ND	6000	ug/kg	1300
cis-1,2-Dichloroethene	ND	6000	ug/kg	800
trans-1,2-Dichloroethene	ND	6000	ug/kg	900
1,2-Dichloropropane	ND	6000	ug/kg	1500
cis-1,3-Dichloropropene	ND	6000	ug/kg	870
trans-1,3-Dichloropropene	ND	6000	ug/kg	700
Ethylbenzene	**3500 J**	**6000**	**ug/kg**	**740**
2-Hexanone	ND	6000	ug/kg	680
Isopropylbenzene	ND	6000	ug/kg	640
Methyl acetate	ND 6000 UJ	6000	ug/kg	1500
Methylene chloride	ND	6000	ug/kg	1300
Methylcyclohexane	ND	6000	ug/kg	670
4-Methyl-2-pentanone	ND	6000	ug/kg	710
Methyl tert-butyl ether	ND	6000	ug/kg	1200

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ENSR International

Client Sample ID: SB45(8-10)

GC/MS Volatiles

Lot-Sample #...: C8J100124-001 Work Order #...: K0KA91AC Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Styrene	**19000**	**6000**	**ug/kg**	**770**
1,1,2,2-Tetrachloroethane	ND	6000	ug/kg	1100
1,2,4-Trichloro-benzene	**18000 J**	**6000**	**ug/kg**	**450**
Tetrachloroethene	ND	6000	ug/kg	990
1,1,1-Trichloroethane	ND	6000	ug/kg	1200
1,1,2-Trichloroethane	ND	6000	ug/kg	1400
Trichloroethene	ND	6000	ug/kg	960
Trichlorofluoromethane	ND	6000	ug/kg	1300
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	6000	ug/kg	400
Vinyl chloride	ND	6000	ug/kg	1500
Xylenes (total)	**72000**	**18000**	**ug/kg**	**2400**
Toluene	**54000**	**6000**	**ug/kg**	**1000**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	93	(52 - 124)
Toluene-d8	102	(72 - 127)
4-Bromofluorobenzene	95	(63 - 120)
Dibromofluoromethane	98	(68 - 121)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

ENSR International

Client Sample ID: SB45(20-22)

GC/MS Volatiles

Lot-Sample #...: C8J100124-002	Work Order #...: K0KCL1AK	Matrix.....: SO
Date Sampled...: 10/07/08	Date Received..: 10/09/08	MS Run #.....: 8291289
Prep Date.....: 10/17/08	Analysis Date..: 10/17/08	
Prep Batch #...: 8291500	Analysis Time..: 22:26	
Dilution Factor: 1	Initial Wgt/Vol: 5 g	Final Wgt/Vol..: 5 mL
% Moisture.....: 19	Analyst ID.....: 403419	Instrument ID..: HP3
	Method.....: SW846 8260B	

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	25	ug/kg	6.2
Benzene	**1.8 J**	**6.2**	**ug/kg**	**0.83**
Bromodichloromethane	ND	6.2	ug/kg	0.69
Bromoform	ND	6.2	ug/kg	0.55
Bromomethane	ND	6.2	ug/kg	0.91
2-Butanone	**3.1 J**	**6.2**	**ug/kg**	**1.1**
Carbon disulfide	ND	6.2	ug/kg	0.63
Carbon tetrachloride	ND	6.2	ug/kg	0.55
Chlorobenzene	ND	6.2	ug/kg	0.94
Chloroethane	ND	6.2	ug/kg	1.9
Chloroform	ND	6.2	ug/kg	0.72
Chloromethane	ND	6.2	ug/kg	1.1
Cyclohexane	ND	6.2	ug/kg	0.46
Dibromochloromethane	ND	6.2	ug/kg	0.88
1,2-Dibromo-3-chloro-propane	ND	6.2	ug/kg	0.93
1,2-Dibromoethane	ND	6.2	ug/kg	1.1
1,3-Dichlorobenzene	ND	6.2	ug/kg	0.81
1,4-Dichlorobenzene	ND	6.2	ug/kg	0.79
1,2-Dichlorobenzene	ND	6.2	ug/kg	0.99
Dichlorodifluoromethane	ND	6.2	ug/kg	0.82
1,1-Dichloroethane	ND	6.2	ug/kg	0.71
1,2-Dichloroethane	ND	6.2	ug/kg	0.76
1,1-Dichloroethene	ND	6.2	ug/kg	1.0
cis-1,2-Dichloroethene	ND	6.2	ug/kg	0.87
trans-1,2-Dichloroethene	ND	6.2	ug/kg	0.74
1,2-Dichloropropane	ND	6.2	ug/kg	0.67
cis-1,3-Dichloropropene	ND	6.2	ug/kg	0.84
trans-1,3-Dichloropropene	ND	6.2	ug/kg	0.74
Ethylbenzene	ND	6.2	ug/kg	0.79
2-Hexanone	ND	6.2	ug/kg	0.85
Isopropylbenzene	ND	6.2	ug/kg	0.84
Methyl acetate	ND	6.2	ug/kg	1.1
Methylene chloride	~~2.7 J,B~~ L 10	**6.2**	**ug/kg**	**0.83**
Methylcyclohexane	ND	6.2	ug/kg	0.90
4-Methyl-2-pentanone	ND	6.2	ug/kg	0.81
Methyl tert-butyl ether	ND	6.2	ug/kg	0.92

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ENSR International

Client Sample ID: SB45(20-22)

GC/MS Volatiles

Lot-Sample #...: C8J100124-002 Work Order #...: K0KCL1AK Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Styrene	ND	6.2	ug/kg	0.66
1,1,2,2-Tetrachloroethane	ND	6.2	ug/kg	0.89
1,2,4-Trichloro-benzene	ND	6.2	ug/kg	1.1
Tetrachloroethene	ND	6.2	ug/kg	0.84
1,1,1-Trichloroethane	ND	6.2	ug/kg	0.60
1,1,2-Trichloroethane	ND	6.2	ug/kg	1.0
Trichloroethene	ND	6.2	ug/kg	0.81
Trichlorofluoromethane	ND	6.2	ug/kg	1.1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	6.2	ug/kg	1.3
Vinyl chloride	ND	6.2	ug/kg	0.58
Xylenes (total)	ND	19	ug/kg	2.8
Toluene	**1.0 J**	**6.2**	**ug/kg**	**0.90**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	113	(52 - 124)
Toluene-d8	109	(72 - 127)
4-Bromofluorobenzene	94	(63 - 120)
Dibromofluoromethane	111	(68 - 121)

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.

ENSR International

Client Sample ID: SB41(15-17)

GC/MS Volatiles

Lot-Sample #...: C8J100124-003	Work Order #...: K0KCM1AK	Matrix.....: SO
Date Sampled...: 10/08/08	Date Received..: 10/09/08	MS Run #.....: 8291289
Prep Date.....: 10/17/08	Analysis Date..: 10/17/08	
Prep Batch #...: 8291500	Analysis Time..: 22:52	
Dilution Factor: 1	Initial Wgt/Vol: 5 g	Final Wgt/Vol..: 5 mL
% Moisture.....: 21	Analyst ID.....: 403419	Instrument ID..: HP3
	Method.....: SW846 8260B	

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	**30** U	**25**	**ug/kg**	**6.4**
Benzene	**1.2 J**	**6.4**	**ug/kg**	**0.86**
Bromodichloromethane	ND	6.4	ug/kg	0.71
Bromoform	ND	6.4	ug/kg	0.56
Bromomethane	ND	6.4	ug/kg	0.94
2-Butanone	**6.4**	**6.4**	**ug/kg**	**1.1**
Carbon disulfide	ND	6.4	ug/kg	0.65
Carbon tetrachloride	ND	6.4	ug/kg	0.57
Chlorobenzene	ND	6.4	ug/kg	0.96
Chloroethane	ND	6.4	ug/kg	2.0
Chloroform	ND	6.4	ug/kg	0.74
Chloromethane	ND	6.4	ug/kg	1.1
Cyclohexane	ND	6.4	ug/kg	0.47
Dibromochloromethane	ND	6.4	ug/kg	0.90
1,2-Dibromo-3-chloro-propane	ND	6.4	ug/kg	0.95
1,2-Dibromoethane	ND	6.4	ug/kg	1.1
1,3-Dichlorobenzene	ND	6.4	ug/kg	0.83
1,4-Dichlorobenzene	ND	6.4	ug/kg	0.81
1,2-Dichlorobenzene	ND	6.4	ug/kg	1.0
Dichlorodifluoromethane	ND	6.4	ug/kg	0.85
1,1-Dichloroethane	ND	6.4	ug/kg	0.73
1,2-Dichloroethane	ND	6.4	ug/kg	0.78
1,1-Dichloroethene	ND	6.4	ug/kg	1.1
cis-1,2-Dichloroethene	ND	6.4	ug/kg	0.89
trans-1,2-Dichloroethene	ND	6.4	ug/kg	0.76
1,2-Dichloropropane	ND	6.4	ug/kg	0.69
cis-1,3-Dichloropropene	ND	6.4	ug/kg	0.86
trans-1,3-Dichloropropene	ND	6.4	ug/kg	0.76
Ethylbenzene	**15**	**6.4**	**ug/kg**	**0.82**
2-Hexanone	ND	6.4	ug/kg	0.88
Isopropylbenzene	**29**	**6.4**	**ug/kg**	**0.86**
Methyl acetate	ND	6.4	ug/kg	1.1
Methylene chloride	~~3.0 J,B~~ U	**6.4**	**ug/kg**	**0.86**
Methylcyclohexane	**5.4 J**	**6.4**	**ug/kg**	**0.92**
4-Methyl-2-pentanone	ND	6.4	ug/kg	0.83
Methyl tert-butyl ether	ND	6.4	ug/kg	0.95

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ENSR International

Client Sample ID: SB41(15-17)

GC/MS Volatiles

Lot-Sample #...: C8J100124-003 Work Order #...: K0KCM1AK Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Styrene	ND	6.4	ug/kg	0.68
1,1,2,2-Tetrachloroethane	ND	6.4	ug/kg	0.91
1,2,4-Trichloro-benzene	ND	6.4	ug/kg	1.1
Tetrachloroethene	ND	6.4	ug/kg	0.87
1,1,1-Trichloroethane	ND	6.4	ug/kg	0.62
1,1,2-Trichloroethane	ND	6.4	ug/kg	1.1
Trichloroethene	ND	6.4	ug/kg	0.84
Trichlorofluoromethane	ND	6.4	ug/kg	1.2
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	6.4	ug/kg	1.4
Vinyl chloride	ND	6.4	ug/kg	0.60
Xylenes (total)	**3.1 J**	**19**	**ug/kg**	**2.8**
Toluene	**2.4 J**	**6.4**	**ug/kg**	**0.93**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	119	(52 - 124)
Toluene-d8	113	(72 - 127)
4-Bromofluorobenzene	102	(63 - 120)
Dibromofluoromethane	111	(68 - 121)

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.

ENSR International

Client Sample ID: SB4(20-22)

GC/MS Volatiles

Lot-Sample #...: C8J100124-004	Work Order #...: K0KCQ1AK	Matrix.....: SO
Date Sampled...: 10/08/08	Date Received..: 10/09/08	MS Run #.....: 8291289
Prep Date.....: 10/17/08	Analysis Date..: 10/17/08	
Prep Batch #...: 8291500	Analysis Time..: 23:17	
Dilution Factor: 1	Initial Wgt/Vol: 5 g	Final Wgt/Vol..: 5 mL
% Moisture.....: 23	Analyst ID.....: 403419	Instrument ID..: HP3
	Method.....: SW846 8260B	

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	26	ug/kg	6.5
Benzene	ND	6.5	ug/kg	0.88
Bromodichloromethane	ND	6.5	ug/kg	0.73
Bromoform	ND	6.5	ug/kg	0.58
Bromomethane	ND	6.5	ug/kg	0.96
2-Butanone	ND	6.5	ug/kg	1.2
Carbon disulfide	ND	6.5	ug/kg	0.67
Carbon tetrachloride	ND	6.5	ug/kg	0.58
Chlorobenzene	ND	6.5	ug/kg	0.99
Chloroethane	ND	6.5	ug/kg	2.0
Chloroform	ND	6.5	ug/kg	0.76
Chloromethane	ND	6.5	ug/kg	1.1
Cyclohexane	ND	6.5	ug/kg	0.48
Dibromochloromethane	ND	6.5	ug/kg	0.93
1,2-Dibromo-3-chloro-propane	ND	6.5	ug/kg	0.98
1,2-Dibromoethane	ND	6.5	ug/kg	1.1
1,3-Dichlorobenzene	ND	6.5	ug/kg	0.86
1,4-Dichlorobenzene	ND	6.5	ug/kg	0.83
1,2-Dichlorobenzene	ND	6.5	ug/kg	1.0
Dichlorodifluoromethane	ND	6.5	ug/kg	0.87
1,1-Dichloroethane	ND	6.5	ug/kg	0.75
1,2-Dichloroethane	ND	6.5	ug/kg	0.80
1,1-Dichloroethene	ND	6.5	ug/kg	1.1
cis-1,2-Dichloroethene	ND	6.5	ug/kg	0.92
trans-1,2-Dichloroethene	ND	6.5	ug/kg	0.78
1,2-Dichloropropane	ND	6.5	ug/kg	0.71
cis-1,3-Dichloropropene	ND	6.5	ug/kg	0.88
trans-1,3-Dichloropropene	ND	6.5	ug/kg	0.78
Ethylbenzene	ND	6.5	ug/kg	0.84
2-Hexanone	ND	6.5	ug/kg	0.90
Isopropylbenzene	ND	6.5	ug/kg	0.89
Methyl acetate	ND	6.5	ug/kg	1.2
Methylene chloride	~~2.5 J,B~~	**6.5**	**ug/kg**	**0.88**
Methylcyclohexane	ND	6.5	ug/kg	0.95
4-Methyl-2-pentanone	ND	6.5	ug/kg	0.85
Methyl tert-butyl ether	ND	6.5	ug/kg	0.98

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ENSR International

Client Sample ID: SB4(20-22)

GC/MS Volatiles

Lot-Sample #...: C8J100124-004 Work Order #...: K0KCQ1AK Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Styrene	ND	6.5	ug/kg	0.69
1,1,2,2-Tetrachloroethane	ND	6.5	ug/kg	0.94
1,2,4-Trichloro-benzene	ND	6.5	ug/kg	1.2
Tetrachloroethene	ND	6.5	ug/kg	0.89
1,1,1-Trichloroethane	ND	6.5	ug/kg	0.63
1,1,2-Trichloroethane	ND	6.5	ug/kg	1.1
Trichloroethene	ND	6.5	ug/kg	0.86
Trichlorofluoromethane	ND	6.5	ug/kg	1.2
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	6.5	ug/kg	1.4
Vinyl chloride	ND	6.5	ug/kg	0.61
Xylenes (total)	ND	20	ug/kg	2.9
Toluene	ND	6.5	ug/kg	0.95

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	109	(52 - 124)
Toluene-d8	107	(72 - 127)
4-Bromofluorobenzene	93	(63 - 120)
Dibromofluoromethane	108	(68 - 121)

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.

ENSR International

Client Sample ID: SB40(14-16)

GC/MS Volatiles

Lot-Sample #...: C8J110134-001	Work Order #...: K0NCF1AC	Matrix.....: SO
Date Sampled...: 10/09/08	Date Received..: 10/11/08	MS Run #.....: 8295142
Prep Date.....: 10/21/08	Analysis Date..: 10/21/08	
Prep Batch #...: 8295291	Analysis Time..: 12:03	
Dilution Factor: 1	Initial Wgt/Vol: 5 g	Final Wgt/Vol..: 5 mL
% Moisture.....: 17	Analyst ID.....: 034635	Instrument ID..: HP3
	Method.....: SW846 8260B	

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND 24 UJ	24	ug/kg	6.0
Benzene	ND	6.0	ug/kg	0.81
Bromodichloromethane	ND	6.0	ug/kg	0.68
Bromoform	ND	6.0	ug/kg	0.53
Bromomethane	ND	6.0	ug/kg	0.89
2-Butanone	ND 6.0 UJ	6.0	ug/kg	1.1
Carbon disulfide	ND	6.0	ug/kg	0.62
Carbon tetrachloride	ND	6.0	ug/kg	0.54
Chlorobenzene	ND	6.0	ug/kg	0.91
Chloroethane	ND	6.0	ug/kg	1.9
Chloroform	ND	6.0	ug/kg	0.71
Chloromethane	ND	6.0	ug/kg	1.0
Cyclohexane	ND	6.0	ug/kg	0.45
Dibromochloromethane	ND	6.0	ug/kg	0.86
1,2-Dibromo-3-chloro-propane	ND 6.0 UJ	6.0	ug/kg	0.90
1,2-Dibromoethane	ND	6.0	ug/kg	1.0
1,3-Dichlorobenzene	ND	6.0	ug/kg	0.79
1,4-Dichlorobenzene	ND	6.0	ug/kg	0.77
1,2-Dichlorobenzene	ND	6.0	ug/kg	0.96
Dichlorodifluoromethane	ND	6.0	ug/kg	0.80
1,1-Dichloroethane	ND	6.0	ug/kg	0.69
1,2-Dichloroethane	ND	6.0	ug/kg	0.74
1,1-Dichloroethene	ND	6.0	ug/kg	1.0
cis-1,2-Dichloroethene	ND	6.0	ug/kg	0.85
trans-1,2-Dichloroethene	ND	6.0	ug/kg	0.72
1,2-Dichloropropane	ND	6.0	ug/kg	0.65
cis-1,3-Dichloropropene	ND	6.0	ug/kg	0.82
trans-1,3-Dichloropropene	ND	6.0	ug/kg	0.72
Ethylbenzene	**2.4 J**	**6.0**	**ug/kg**	**0.77**
2-Hexanone	ND 6.0 UJ	6.0	ug/kg	0.83
Isopropylbenzene	**20**	**6.0**	**ug/kg**	**0.82**
Methyl acetate	ND 6.0 UJ	6.0	ug/kg	1.1
Methylene chloride	ND	6.0	ug/kg	0.81
Methylcyclohexane	**1.3 J**	**6.0**	**ug/kg**	**0.87**
4-Methyl-2-pentanone	ND 6.0 UJ	6.0	ug/kg	0.79
Methyl tert-butyl ether	ND	6.0	ug/kg	0.90

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ENSR International

Client Sample ID: SB40(14-16)

GC/MS Volatiles

Lot-Sample #...: C8J110134-001 Work Order #...: K0NCF1AC Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Styrene	ND	6.0	ug/kg	0.64
1,1,2,2-Tetrachloroethane	ND 6.0 U	6.0	ug/kg	0.87
1,2,4-Trichloro-benzene	ND	6.0	ug/kg	1.1
Tetrachloroethene	ND	6.0	ug/kg	0.82
1,1,1-Trichloroethane	ND	6.0	ug/kg	0.59
1,1,2-Trichloroethane	ND	6.0	ug/kg	1.0
Trichloroethene	ND	6.0	ug/kg	0.79
Trichlorofluoromethane	ND	6.0	ug/kg	1.1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	6.0	ug/kg	1.3
Vinyl chloride	ND	6.0	ug/kg	0.57
Xylenes (total)	**3.6 J**	**18**	**ug/kg**	**2.7**
Toluene	ND	6.0	ug/kg	0.88

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	90	(52 - 124)
Toluene-d8	98	(72 - 127)
4-Bromofluorobenzene	83	(63 - 120)
Dibromofluoromethane	103	(68 - 121)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

ENSR International

Client Sample ID: SB40(50-52)

GC/MS Volatiles

Lot-Sample #...: C8J110134-002	Work Order #...: K0NCP1AK	Matrix.....: SO
Date Sampled...: 10/09/08	Date Received..: 10/11/08	MS Run #.....: 8294188
Prep Date.....: 10/20/08	Analysis Date..: 10/20/08	
Prep Batch #...: 8294367	Analysis Time..: 20:50	
Dilution Factor: 1	Initial Wgt/Vol: 5 g	Final Wgt/Vol..: 5 mL
% Moisture.....: 16	Analyst ID.....: 034635	Instrument ID..: HP3
	Method.....: SW846 8260B	

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	~~10 J~~ 24 U	**24**	**ug/kg**	**5.9**
Benzene	ND	5.9	ug/kg	0.80
Bromodichloromethane	ND	5.9	ug/kg	0.67
Bromoform	ND	5.9	ug/kg	0.53
Bromomethane	ND	5.9	ug/kg	0.88
2-Butanone	**5.8 J**	**5.9**	**ug/kg**	**1.0**
Carbon disulfide	ND	5.9	ug/kg	0.61
Carbon tetrachloride	ND	5.9	ug/kg	0.53
Chlorobenzene	ND	5.9	ug/kg	0.90
Chloroethane	ND	5.9	ug/kg	1.8
Chloroform	ND	5.9	ug/kg	0.70
Chloromethane	ND	5.9	ug/kg	1.0
Cyclohexane	ND	5.9	ug/kg	0.44
Dibromochloromethane	ND	5.9	ug/kg	0.84
1,2-Dibromo-3-chloro-propane	ND	5.9	ug/kg	0.89
1,2-Dibromoethane	ND	5.9	ug/kg	1.0
1,3-Dichlorobenzene	ND	5.9	ug/kg	0.78
1,4-Dichlorobenzene	ND	5.9	ug/kg	0.76
1,2-Dichlorobenzene	ND	5.9	ug/kg	0.95
Dichlorodifluoromethane	ND	5.9	ug/kg	0.79
1,1-Dichloroethane	ND	5.9	ug/kg	0.68
1,2-Dichloroethane	ND	5.9	ug/kg	0.73
1,1-Dichloroethene	ND	5.9	ug/kg	1.0
cis-1,2-Dichloroethene	ND	5.9	ug/kg	0.84
trans-1,2-Dichloroethene	ND	5.9	ug/kg	0.71
1,2-Dichloropropane	ND	5.9	ug/kg	0.65
cis-1,3-Dichloropropene	ND	5.9	ug/kg	0.81
trans-1,3-Dichloropropene	ND	5.9	ug/kg	0.71
Ethylbenzene	ND	5.9	ug/kg	0.76
2-Hexanone	ND	5.9	ug/kg	0.82
Isopropylbenzene	ND	5.9	ug/kg	0.81
Methyl acetate	ND 5.4 UJ	5.9	ug/kg	1.1
Methylene chloride	~~3.3 J~~ 5.4 U	**5.9**	**ug/kg**	**0.80**
Methylcyclohexane	ND	5.9	ug/kg	0.86
4-Methyl-2-pentanone	ND	5.9	ug/kg	0.78
Methyl tert-butyl ether	ND	5.9	ug/kg	0.89

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ENSR International

Client Sample ID: SB40(50-52)

GC/MS Volatiles

Lot-Sample #...: C8J110134-002 Work Order #...: K0NCP1AK Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Styrene	ND	5.9	ug/kg	0.63
1,1,2,2-Tetrachloroethane	ND	5.9	ug/kg	0.85
1,2,4-Trichloro-benzene	ND	5.9	ug/kg	1.0
Tetrachloroethene	ND	5.9	ug/kg	0.81
1,1,1-Trichloroethane	ND	5.9	ug/kg	0.58
1,1,2-Trichloroethane	ND	5.9	ug/kg	0.99
Trichloroethene	ND	5.9	ug/kg	0.78
Trichlorofluoromethane	ND	5.9	ug/kg	1.1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND 5.4 U J	5.9	ug/kg	1.3
Vinyl chloride	ND	5.9	ug/kg	0.56
Xylenes (total)	ND	18	ug/kg	2.7
Toluene	ND	5.9	ug/kg	0.87

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	114	(52 - 124)
Toluene-d8	106	(72 - 127)
4-Bromofluorobenzene	93	(63 - 120)
Dibromofluoromethane	116	(68 - 121)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

ENSR International

Client Sample ID: SB36(10-12)

GC/MS Volatiles

Lot-Sample #...: C8J110134-003	Work Order #...: K0NCR1AK	Matrix.....: SO
Date Sampled...: 10/09/08	Date Received..: 10/11/08	MS Run #.....: 8290313
Prep Date.....: 10/16/08	Analysis Date..: 10/16/08	
Prep Batch #...: 8290435	Analysis Time..: 11:52	
Dilution Factor: 1	Initial Wgt/Vol: 5 g	Final Wgt/Vol..: 5 mL
% Moisture.....: 20	Analyst ID.....: 034635	Instrument ID..: HP4
	Method.....: SW846 8260B	

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND 1300 UJ	1300	ug/kg	310
Benzene	ND	310	ug/kg	62
Bromodichloromethane	ND	310	ug/kg	58
Bromoform	ND	310	ug/kg	67
Bromomethane	ND	310	ug/kg	99
2-Butanone	ND 310 UJ	310	ug/kg	68
Carbon disulfide	ND	310	ug/kg	67
Carbon tetrachloride	ND	310	ug/kg	68
Chlorobenzene	ND	310	ug/kg	33
Chloroethane	ND	310	ug/kg	47
Chloroform	ND	310	ug/kg	63
Chloromethane	ND	310	ug/kg	87
Cyclohexane	ND	310	ug/kg	37
Dibromochloromethane	ND	310	ug/kg	41
1,2-Dibromo-3-chloro-propane	ND	310	ug/kg	22
1,2-Dibromoethane	ND	310	ug/kg	38
1,3-Dichlorobenzene	ND	310	ug/kg	32
1,4-Dichlorobenzene	ND	310	ug/kg	33
1,2-Dichlorobenzene	ND	310	ug/kg	43
Dichlorodifluoromethane	ND	310	ug/kg	40
1,1-Dichloroethane	ND	310	ug/kg	63
1,2-Dichloroethane	ND	310	ug/kg	60
1,1-Dichloroethene	ND	310	ug/kg	67
cis-1,2-Dichloroethene	ND	310	ug/kg	42
trans-1,2-Dichloroethene	ND	310	ug/kg	47
1,2-Dichloropropane	ND	310	ug/kg	80
cis-1,3-Dichloropropene	ND	310	ug/kg	46
trans-1,3-Dichloropropene	ND	310	ug/kg	36
Ethylbenzene	**1100**	**310**	**ug/kg**	**39**
2-Hexanone	ND	310	ug/kg	36
Isopropylbenzene	**780**	**310**	**ug/kg**	**33**
Methyl acetate	ND 310 UJ	310	ug/kg	77
Methylene chloride	ND	310	ug/kg	68
Methylcyclohexane	ND	310	ug/kg	35
4-Methyl-2-pentanone	ND	310	ug/kg	37
Methyl tert-butyl ether	ND	310	ug/kg	64

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ENSR International

Client Sample ID: SB36(10-12)

GC/MS Volatiles

Lot-Sample #...: C8J110134-003 **Work Order #...:** K0NCR1AK **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Styrene	ND	310	ug/kg	40
1,1,2,2-Tetrachloroethane	ND	310	ug/kg	58
1,2,4-Trichloro-benzene	ND 310 UJ	310	ug/kg	24
Tetrachloroethene	ND	310	ug/kg	52
1,1,1-Trichloroethane	ND	310	ug/kg	65
1,1,2-Trichloroethane	ND	310	ug/kg	73
Trichloroethene	ND	310	ug/kg	50
Trichlorofluoromethane	ND	310	ug/kg	70
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	310	ug/kg	21
Vinyl chloride	ND	310	ug/kg	81
Xylenes (total)	**2800**	**940**	**ug/kg**	**120**
Toluene	ND	310	ug/kg	53

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	89	(52 - 124)
Toluene-d8	94	(72 - 127)
4-Bromofluorobenzene	92	(63 - 120)
Dibromofluoromethane	95	(68 - 121)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

ENSR International

Client Sample ID: SB36(17.5-20)

GC/MS Volatiles

Lot-Sample #...: C8J160275-001	Work Order #...: K017P1AC	Matrix.....: SO
Date Sampled...: 10/13/08	Date Received..: 10/16/08	MS Run #.....: 8298231
Prep Date.....: 10/24/08	Analysis Date..: 10/24/08	
Prep Batch #...: 8298421	Analysis Time..: 12:46	
Dilution Factor: 5	Initial Wgt/Vol: 1 g	Final Wgt/Vol..: 5 mL
% Moisture.....: 17	Analyst ID.....: 034635	Instrument ID..: HP3
	Method.....: SW846 8260B	

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	120	ug/kg	30
Benzene	ND	30	ug/kg	4.0
Bromodichloromethane	ND	30	ug/kg	3.4
Bromoform	ND	30	ug/kg	2.7
Bromomethane	ND	30	ug/kg	4.4
2-Butanone	ND	30	ug/kg	5.3
Carbon disulfide	ND	30	ug/kg	3.1
Carbon tetrachloride	ND	30	ug/kg	2.7
Chlorobenzene	ND	30	ug/kg	4.5
Chloroethane	ND	30	ug/kg	9.3
Chloroform	ND	30	ug/kg	3.5
Chloromethane	ND	30	ug/kg	5.1
Cyclohexane	ND	30	ug/kg	2.2
Dibromochloromethane	ND	30	ug/kg	4.3
1,2-Dibromo-3-chloro-propane	ND	30	ug/kg	4.5
1,2-Dibromoethane	ND	30	ug/kg	5.2
1,3-Dichlorobenzene	ND	30	ug/kg	3.9
1,4-Dichlorobenzene	ND	30	ug/kg	3.8
1,2-Dichlorobenzene	ND	30	ug/kg	4.8
Dichlorodifluoromethane	ND	30	ug/kg	4.0
1,1-Dichloroethane	ND	30	ug/kg	3.4
1,2-Dichloroethane	ND	30	ug/kg	3.7
1,1-Dichloroethene	ND	30	ug/kg	5.1
cis-1,2-Dichloroethene	ND	30	ug/kg	4.2
trans-1,2-Dichloroethene	ND	30	ug/kg	3.6
1,2-Dichloropropane	ND	30	ug/kg	3.3
cis-1,3-Dichloropropene	ND	30	ug/kg	4.1
trans-1,3-Dichloropropene	ND	30	ug/kg	3.6
Ethylbenzene	**250**	**30**	**ug/kg**	**3.9**
2-Hexanone	ND	30	ug/kg	4.1
Isopropylbenzene	**96**	**30**	**ug/kg**	**4.1**
Methyl acetate	ND 30 U J	30	ug/kg	5.4
Methylene chloride	ND	30	ug/kg	4.0
Methylcyclohexane	ND	30	ug/kg	4.3
4-Methyl-2-pentanone	ND	30	ug/kg	3.9
Methyl tert-butyl ether	ND	30	ug/kg	4.5

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ENSR International

Client Sample ID: SB36(17.5-20)

GC/MS Volatiles

Lot-Sample #...: C8J160275-001 Work Order #...: K017P1AC Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Styrene	ND	30	ug/kg	3.2
1,1,2,2-Tetrachloroethane	ND	30	ug/kg	4.3
1,2,4-Trichloro-benzene	ND	30	ug/kg	5.3
Tetrachloroethene	ND	30	ug/kg	4.1
1,1,1-Trichloroethane	ND	30	ug/kg	2.9
1,1,2-Trichloroethane	ND	30	ug/kg	5.0
Trichloroethene	ND	30	ug/kg	3.9
Trichlorofluoromethane	ND	30	ug/kg	5.5
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	30	ug/kg	6.4
Vinyl chloride	ND	30	ug/kg	2.8
Xylenes (total)	**790**	**90**	**ug/kg**	**13**
Toluene	**6.7 J**	**30**	**ug/kg**	**4.4**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	85	(52 - 124)
Toluene-d8	92	(72 - 127)
4-Bromofluorobenzene	78	(63 - 120)
Dibromofluoromethane	94	(68 - 121)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

ENSR International

Client Sample ID: SB36(32.5-35)

GC/MS Volatiles

Lot-Sample #...: C8J160275-002	Work Order #...: K017T1AK	Matrix.....: SO
Date Sampled...: 10/13/08	Date Received..: 10/16/08	MS Run #.....: 8297162
Prep Date.....: 10/22/08	Analysis Date..: 10/23/08	
Prep Batch #...: 8297230	Analysis Time..: 18:27	
Dilution Factor: 1	Initial Wgt/Vol: 5 g	Final Wgt/Vol..: 5 mL
% Moisture.....: 14	Analyst ID.....: 034635	Instrument ID..: HP3
	Method.....: SW846 8260B	

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	23	ug/kg	5.8
Benzene	ND	5.8	ug/kg	0.78
Bromodichloromethane	ND	5.8	ug/kg	0.65
Bromoform	ND	5.8	ug/kg	0.51
Bromomethane	ND	5.8	ug/kg	0.86
2-Butanone	ND	5.8	ug/kg	1.0
Carbon disulfide	ND	5.8	ug/kg	0.59
Carbon tetrachloride	ND	5.8	ug/kg	0.52
Chlorobenzene	ND	5.8	ug/kg	0.88
Chloroethane	ND	5.8	ug/kg	1.8
Chloroform	ND	5.8	ug/kg	0.68
Chloromethane	ND	5.8	ug/kg	0.99
Cyclohexane	ND	5.8	ug/kg	0.43
Dibromochloromethane	ND	5.8	ug/kg	0.82
1,2-Dibromo-3-chloro-propane	ND	5.8	ug/kg	0.87
1,2-Dibromoethane	ND	5.8	ug/kg	1.0
1,3-Dichlorobenzene	ND	5.8	ug/kg	0.76
1,4-Dichlorobenzene	ND	5.8	ug/kg	0.74
1,2-Dichlorobenzene	ND	5.8	ug/kg	0.93
Dichlorodifluoromethane	ND	5.8	ug/kg	0.77
1,1-Dichloroethane	ND	5.8	ug/kg	0.67
1,2-Dichloroethane	ND	5.8	ug/kg	0.71
1,1-Dichloroethene	ND	5.8	ug/kg	0.98
cis-1,2-Dichloroethene	ND	5.8	ug/kg	0.82
trans-1,2-Dichloroethene	ND	5.8	ug/kg	0.69
1,2-Dichloropropane	ND	5.8	ug/kg	0.63
cis-1,3-Dichloropropene	ND	5.8	ug/kg	0.79
trans-1,3-Dichloropropene	ND	5.8	ug/kg	0.69
Ethylbenzene	ND	5.8	ug/kg	0.75
2-Hexanone	ND	5.8	ug/kg	0.80
Isopropylbenzene	ND	5.8	ug/kg	0.79
Methyl acetate	ND 5.8 U5	5.8	ug/kg	1.0
Methylene chloride	ND	5.8	ug/kg	0.78
Methylcyclohexane	ND	5.8	ug/kg	0.84
4-Methyl-2-pentanone	ND	5.8	ug/kg	0.76
Methyl tert-butyl ether	ND	5.8	ug/kg	0.87

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ENSR International

Client Sample ID: SB36(32.5-35)

GC/MS Volatiles

Lot-Sample #...: C8J160275-002 Work Order #...: K017T1AK Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Styrene	ND	5.8	ug/kg	0.62
1,1,2,2-Tetrachloroethane	ND	5.8	ug/kg	0.83
1,2,4-Trichloro-benzene	ND	5.8	ug/kg	1.0
Tetrachloroethene	ND	5.8	ug/kg	0.79
1,1,1-Trichloroethane	ND	5.8	ug/kg	0.56
1,1,2-Trichloroethane	ND	5.8	ug/kg	0.96
Trichloroethene	ND	5.8	ug/kg	0.76
Trichlorofluoromethane	ND	5.8	ug/kg	1.1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	5.8	ug/kg	1.2
Vinyl chloride	ND	5.8	ug/kg	0.54
Xylenes (total)	ND	17	ug/kg	2.6
Toluene	ND	5.8	ug/kg	0.85

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	103	(52 - 124)
Toluene-d8	89	(72 - 127)
4-Bromofluorobenzene	80	(63 - 120)
Dibromofluoromethane	105	(68 - 121)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

ENSR International

Client Sample ID: SB37(11-12)

GC/MS Volatiles

Lot-Sample #...: C8J160275-003	Work Order #...: K017V1AK	Matrix.....: SO
Date Sampled...: 10/13/08	Date Received..: 10/16/08	MS Run #.....: 8298231
Prep Date.....: 10/24/08	Analysis Date..: 10/24/08	
Prep Batch #...: 8298421	Analysis Time..: 11:05	
Dilution Factor: 5	Initial Wgt/Vol: 1 g	Final Wgt/Vol..: 5 mL
% Moisture.....: 22	Analyst ID.....: 034635	Instrument ID..: HP3
	Method.....: SW846 8260B	

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	130	ug/kg	32
Benzene	**21 J**	**32**	**ug/kg**	**4.3**
Bromodichloromethane	ND	32	ug/kg	3.6
Bromoform	ND	32	ug/kg	2.8
Bromomethane	ND	32	ug/kg	4.7
2-Butanone	ND	32	ug/kg	5.6
Carbon disulfide	ND	32	ug/kg	3.3
Carbon tetrachloride	ND	32	ug/kg	2.9
Chlorobenzene	ND	32	ug/kg	4.8
Chloroethane	ND	32	ug/kg	9.9
Chloroform	ND	32	ug/kg	3.7
Chloromethane	ND	32	ug/kg	5.4
Cyclohexane	ND	32	ug/kg	2.4
Dibromochloromethane	ND	32	ug/kg	4.5
1,2-Dibromo-3-chloro-propane	ND	32	ug/kg	4.8
1,2-Dibromoethane	ND	32	ug/kg	5.5
1,3-Dichlorobenzene	ND	32	ug/kg	4.2
1,4-Dichlorobenzene	ND	32	ug/kg	4.1
1,2-Dichlorobenzene	ND	32	ug/kg	5.1
Dichlorodifluoromethane	ND	32	ug/kg	4.3
1,1-Dichloroethane	ND	32	ug/kg	3.7
1,2-Dichloroethane	ND	32	ug/kg	3.9
1,1-Dichloroethene	ND	32	ug/kg	5.4
cis-1,2-Dichloroethene	ND	32	ug/kg	4.5
trans-1,2-Dichloroethene	ND	32	ug/kg	3.8
1,2-Dichloropropane	ND	32	ug/kg	3.5
cis-1,3-Dichloropropene	ND	32	ug/kg	4.3
trans-1,3-Dichloropropene	ND	32	ug/kg	3.8
Ethylbenzene	**1200**	**32**	**ug/kg**	**4.1**
2-Hexanone	ND	32	ug/kg	4.4
Isopropylbenzene	**200**	**32**	**ug/kg**	**4.3**
Methyl acetate	ND 32 UJ	32	ug/kg	5.8
Methylene chloride	ND	32	ug/kg	4.3
Methylcyclohexane	ND	32	ug/kg	4.6
4-Methyl-2-pentanone	ND	32	ug/kg	4.2
Methyl tert-butyl ether	ND	32	ug/kg	4.8

(Continued on next page)

ENSR International

Client Sample ID: SB37(11-12)

GC/MS Volatiles

Lot-Sample #...: C8J160275-003 Work Order #...: K017V1AK Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Styrene	ND	32	ug/kg	3.4
1,1,2,2-Tetrachloroethane	ND	32	ug/kg	4.6
1,2,4-Trichloro-benzene	ND	32	ug/kg	5.6
Tetrachloroethene	ND	32	ug/kg	4.4
1,1,1-Trichloroethane	ND	32	ug/kg	3.1
1,1,2-Trichloroethane	ND	32	ug/kg	5.3
Trichloroethene	ND	32	ug/kg	4.2
Trichlorofluoromethane	ND	32	ug/kg	5.9
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	32	ug/kg	6.8
Vinyl chloride	ND	32	ug/kg	3.0
Xylenes (total)	**1900**	**96**	**ug/kg**	**14**
Toluene	**16 J**	**32**	**ug/kg**	**4.7**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	95	(52 - 124)
Toluene-d8	96	(72 - 127)
4-Bromofluorobenzene	84	(63 - 120)
Dibromofluoromethane	102	(68 - 121)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

ENSR International

Client Sample ID: SB37(57.6-60)

GC/MS Volatiles

Lot-Sample #...: C8J160275-004	Work Order #...: K017W1AK	Matrix.....: SO
Date Sampled...: 10/14/08	Date Received..: 10/16/08	MS Run #.....: 8298231
Prep Date.....: 10/24/08	Analysis Date..: 10/24/08	
Prep Batch #...: 8298421	Analysis Time..: 08:43	
Dilution Factor: 1	Initial Wgt/Vol: 5 g	Final Wgt/Vol..: 5 mL
% Moisture.....: 17	Analyst ID.....: 034635	Instrument ID..: HP3
	Method.....: SW846 8260B	

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	24	ug/kg	6.0
Benzene	ND	6.0	ug/kg	0.81
Bromodichloromethane	ND	6.0	ug/kg	0.67
Bromoform	ND	6.0	ug/kg	0.53
Bromomethane	ND	6.0	ug/kg	0.89
2-Butanone	ND	6.0	ug/kg	1.1
Carbon disulfide	ND	6.0	ug/kg	0.62
Carbon tetrachloride	ND	6.0	ug/kg	0.54
Chlorobenzene	ND	6.0	ug/kg	0.91
Chloroethane	ND	6.0	ug/kg	1.9
Chloroform	ND	6.0	ug/kg	0.70
Chloromethane	ND	6.0	ug/kg	1.0
Cyclohexane	ND	6.0	ug/kg	0.45
Dibromochloromethane	ND	6.0	ug/kg	0.85
1,2-Dibromo-3-chloro-propane	ND	6.0	ug/kg	0.90
1,2-Dibromoethane	ND	6.0	ug/kg	1.0
1,3-Dichlorobenzene	ND	6.0	ug/kg	0.79
1,4-Dichlorobenzene	ND	6.0	ug/kg	0.76
1,2-Dichlorobenzene	ND	6.0	ug/kg	0.96
Dichlorodifluoromethane	ND	6.0	ug/kg	0.80
1,1-Dichloroethane	ND	6.0	ug/kg	0.69
1,2-Dichloroethane	ND	6.0	ug/kg	0.74
1,1-Dichloroethene	ND	6.0	ug/kg	1.0
cis-1,2-Dichloroethene	ND	6.0	ug/kg	0.84
trans-1,2-Dichloroethene	ND	6.0	ug/kg	0.72
1,2-Dichloropropane	ND	6.0	ug/kg	0.65
cis-1,3-Dichloropropene	ND	6.0	ug/kg	0.81
trans-1,3-Dichloropropene	ND	6.0	ug/kg	0.72
Ethylbenzene	ND	6.0	ug/kg	0.77
2-Hexanone	ND	6.0	ug/kg	0.83
Isopropylbenzene	ND	6.0	ug/kg	0.82
Methyl acetate	ND 4.013	6.0	ug/kg	1.1
Methylene chloride	ND	6.0	ug/kg	0.81
Methylcyclohexane	ND	6.0	ug/kg	0.87
4-Methyl-2-pentanone	ND	6.0	ug/kg	0.78
Methyl tert-butyl ether	ND	6.0	ug/kg	0.90

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ENSR International

Client Sample ID: SB37(57.6-60)

GC/MS Volatiles

Lot-Sample #...: C8J160275-004 Work Order #...: K017W1AK Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Styrene	ND	6.0	ug/kg	0.64
1,1,2,2-Tetrachloroethane	ND	6.0	ug/kg	0.86
1,2,4-Trichloro-benzene	ND	6.0	ug/kg	1.1
Tetrachloroethene	ND	6.0	ug/kg	0.82
1,1,1-Trichloroethane	ND	6.0	ug/kg	0.58
1,1,2-Trichloroethane	ND	6.0	ug/kg	1.0
Trichloroethene	ND	6.0	ug/kg	0.79
Trichlorofluoromethane	ND	6.0	ug/kg	1.1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	6.0	ug/kg	1.3
Vinyl chloride	ND	6.0	ug/kg	0.56
Xylenes (total)	ND	18	ug/kg	2.7
Toluene	ND	6.0	ug/kg	0.88

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	96	(52 - 124)
Toluene-d8	96	(72 - 127)
4-Bromofluorobenzene	82	(63 - 120)
Dibromofluoromethane	102	(68 - 121)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

ENSR International

Client Sample ID: SB32(20-22.5)

GC/MS Volatiles

Lot-Sample #...: C8J160275-005	Work Order #...: K01711AK	Matrix.....: SO
Date Sampled...: 10/15/08	Date Received..: 10/16/08	MS Run #.....: 8298231
Prep Date.....: 10/24/08	Analysis Date..: 10/24/08	
Prep Batch #...: 8298421	Analysis Time..: 12:21	
Dilution Factor: 5	Initial Wgt/Vol: 1 g	Final Wgt/Vol..: 5 mL
% Moisture.....: 16	Analyst ID.....: 034635	Instrument ID..: HP3
	Method.....: SW846 8260B	

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	120	ug/kg	30
Benzene	ND	30	ug/kg	4.0
Bromodichloromethane	ND	30	ug/kg	3.4
Bromoform	ND	30	ug/kg	2.6
Bromomethane	ND	30	ug/kg	4.4
2-Butanone	ND	30	ug/kg	5.3
Carbon disulfide	ND	30	ug/kg	3.1
Carbon tetrachloride	ND	30	ug/kg	2.7
Chlorobenzene	ND	30	ug/kg	4.5
Chloroethane	ND	30	ug/kg	9.3
Chloroform	ND	30	ug/kg	3.5
Chloromethane	ND	30	ug/kg	5.1
Cyclohexane	ND	30	ug/kg	2.2
Dibromochloromethane	ND	30	ug/kg	4.2
1,2-Dibromo-3-chloro-propane	ND	30	ug/kg	4.5
1,2-Dibromoethane	ND	30	ug/kg	5.2
1,3-Dichlorobenzene	ND	30	ug/kg	3.9
1,4-Dichlorobenzene	ND	30	ug/kg	3.8
1,2-Dichlorobenzene	ND	30	ug/kg	4.8
Dichlorodifluoromethane	ND	30	ug/kg	4.0
1,1-Dichloroethane	ND	30	ug/kg	3.4
1,2-Dichloroethane	ND	30	ug/kg	3.7
1,1-Dichloroethene	ND	30	ug/kg	5.1
cis-1,2-Dichloroethene	ND	30	ug/kg	4.2
trans-1,2-Dichloroethene	ND	30	ug/kg	3.6
1,2-Dichloropropane	ND	30	ug/kg	3.2
cis-1,3-Dichloropropene	ND	30	ug/kg	4.1
trans-1,3-Dichloropropene	ND	30	ug/kg	3.6
Ethylbenzene	**160**	**30**	**ug/kg**	**3.8**
2-Hexanone	ND	30	ug/kg	4.1
Isopropylbenzene	**46**	**30**	**ug/kg**	**4.1**
Methyl acetate	ND 30 U J	30	ug/kg	5.4
Methylene chloride	ND	30	ug/kg	4.0
Methylcyclohexane	ND	30	ug/kg	4.3
4-Methyl-2-pentanone	ND	30	ug/kg	3.9
Methyl tert-butyl ether	ND	30	ug/kg	4.5

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ENSR International

Client Sample ID: SB32(20-22.5)

GC/MS Volatiles

Lot-Sample #...: C8J160275-005 Work Order #...: K01711AK Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Styrene	ND	30	ug/kg	3.2
1,1,2,2-Tetrachloroethane	ND	30	ug/kg	4.3
1,2,4-Trichloro-benzene	ND	30	ug/kg	5.3
Tetrachloroethene	ND	30	ug/kg	4.1
1,1,1-Trichloroethane	ND	30	ug/kg	2.9
1,1,2-Trichloroethane	ND	30	ug/kg	5.0
Trichloroethene	ND	30	ug/kg	3.9
Trichlorofluoromethane	ND	30	ug/kg	5.5
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	30	ug/kg	6.4
Vinyl chloride	ND	30	ug/kg	2.8
Xylenes (total)	**250**	**90**	**ug/kg**	**13**
Toluene	ND	30	ug/kg	4.4

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	92	(52 - 124)
Toluene-d8	95	(72 - 127)
4-Bromofluorobenzene	85	(63 - 120)
Dibromofluoromethane	104	(68 - 121)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

ENSR International

Client Sample ID: SB32(42-47.5)

GC/MS Volatiles

Lot-Sample #...: C8J160275-006	Work Order #...: K01731AK	Matrix.....: SO
Date Sampled...: 10/15/08	Date Received..: 10/16/08	MS Run #.....: 8298231
Prep Date.....: 10/24/08	Analysis Date..: 10/24/08	
Prep Batch #...: 8298421	Analysis Time..: 13:12	
Dilution Factor: 1	Initial Wgt/Vol: 5 g	Final Wgt/Vol..: 5 mL
% Moisture.....: 17	Analyst ID.....: 034635	Instrument ID..: HP3
	Method.....: SW846 8260B	

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	24	ug/kg	6.0
Benzene	ND	6.0	ug/kg	0.81
Bromodichloromethane	ND	6.0	ug/kg	0.68
Bromoform	ND	6.0	ug/kg	0.53
Bromomethane	ND	6.0	ug/kg	0.89
2-Butanone	ND	6.0	ug/kg	1.1
Carbon disulfide	ND	6.0	ug/kg	0.62
Carbon tetrachloride	ND	6.0	ug/kg	0.54
Chlorobenzene	ND	6.0	ug/kg	0.91
Chloroethane	ND	6.0	ug/kg	1.9
Chloroform	ND	6.0	ug/kg	0.70
Chloromethane	ND	6.0	ug/kg	1.0
Cyclohexane	ND	6.0	ug/kg	0.45
Dibromochloromethane	ND	6.0	ug/kg	0.85
1,2-Dibromo-3-chloro-propane	ND	6.0	ug/kg	0.90
1,2-Dibromoethane	ND	6.0	ug/kg	1.0
1,3-Dichlorobenzene	ND	6.0	ug/kg	0.79
1,4-Dichlorobenzene	ND	6.0	ug/kg	0.77
1,2-Dichlorobenzene	ND	6.0	ug/kg	0.96
Dichlorodifluoromethane	ND	6.0	ug/kg	0.80
1,1-Dichloroethane	ND	6.0	ug/kg	0.69
1,2-Dichloroethane	ND	6.0	ug/kg	0.74
1,1-Dichloroethene	ND	6.0	ug/kg	1.0
cis-1,2-Dichloroethene	ND	6.0	ug/kg	0.85
trans-1,2-Dichloroethene	ND	6.0	ug/kg	0.72
1,2-Dichloropropane	ND	6.0	ug/kg	0.65
cis-1,3-Dichloropropene	ND	6.0	ug/kg	0.82
trans-1,3-Dichloropropene	ND	6.0	ug/kg	0.72
Ethylbenzene	ND	6.0	ug/kg	0.77
2-Hexanone	ND	6.0	ug/kg	0.83
Isopropylbenzene	ND	6.0	ug/kg	0.82
Methyl acetate	ND 6.0 U,F	6.0	ug/kg	1.1
Methylene chloride	ND	6.0	ug/kg	0.81
Methylcyclohexane	ND	6.0	ug/kg	0.87
4-Methyl-2-pentanone	ND	6.0	ug/kg	0.79
Methyl tert-butyl ether	ND	6.0	ug/kg	0.90

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ENSR International

Client Sample ID: SB32(42-47.5)

GC/MS Volatiles

Lot-Sample #...: C8J160275-006 Work Order #...: K01731AK Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Styrene	ND	6.0	ug/kg	0.64
1,1,2,2-Tetrachloroethane	ND	6.0	ug/kg	0.86
1,2,4-Trichloro-benzene	ND	6.0	ug/kg	1.1
Tetrachloroethene	ND	6.0	ug/kg	0.82
1,1,1-Trichloroethane	ND	6.0	ug/kg	0.59
1,1,2-Trichloroethane	ND	6.0	ug/kg	1.0
Trichloroethene	ND	6.0	ug/kg	0.79
Trichlorofluoromethane	ND	6.0	ug/kg	1.1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	6.0	ug/kg	1.3
Vinyl chloride	ND	6.0	ug/kg	0.56
Xylenes (total)	ND	18	ug/kg	2.7
Toluene	ND	6.0	ug/kg	0.88

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	83	(52 - 124)
Toluene-d8	97	(72 - 127)
4-Bromofluorobenzene	80	(63 - 120)
Dibromofluoromethane	99	(68 - 121)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

ENSR International

Client Sample ID: SB38(22.5-25)

GC/MS Volatiles

Lot-Sample #...: C8J220183-001	**Work Order #...:** K1CL01AC	**Matrix.....:** SO
Date Sampled...: 10/16/08	**Date Received..:** 10/21/08	**MS Run #.....:** 8304268
Prep Date.....: 10/30/08	**Analysis Date..:** 10/30/08	
Prep Batch #...: 8304449	**Analysis Time..:** 16:18	
Dilution Factor: 2	**Initial Wgt/Vol:** 5 mL	**Final Wgt/Vol..:** 5 mL
% Moisture.....: 18	**Analyst ID.....:** 403794	**Instrument ID..:** HP5
	Method.....: SW846 8260B	

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	2400	ug/kg	610
Benzene	ND	610	ug/kg	120
Bromodichloromethane	ND	610	ug/kg	110
Bromoform	ND	610	ug/kg	130
Bromomethane	ND	610	ug/kg	190
2-Butanone	ND	610	ug/kg	130
Carbon disulfide	ND	610	ug/kg	130
Carbon tetrachloride	ND	610	ug/kg	130
Chlorobenzene	ND	610	ug/kg	64
Chloroethane	ND	610	ug/kg	91
Chloroform	ND	610	ug/kg	120
Chloromethane	ND	610	ug/kg	170
Cyclohexane	ND	610	ug/kg	73
Dibromochloromethane	ND	610	ug/kg	79
1,2-Dibromo-3-chloro-propane	ND	610	ug/kg	43
1,2-Dibromoethane	ND	610	ug/kg	74
1,3-Dichlorobenzene	ND	610	ug/kg	62
1,4-Dichlorobenzene	ND	610	ug/kg	64
1,2-Dichlorobenzene	ND	610	ug/kg	83
Dichlorodifluoromethane	ND	610	ug/kg	77
1,1-Dichloroethane	ND	610	ug/kg	120
1,2-Dichloroethane	ND	610	ug/kg	120
1,1-Dichloroethene	ND	610	ug/kg	130
cis-1,2-Dichloroethene	ND	610	ug/kg	81
trans-1,2-Dichloroethene	ND	610	ug/kg	91
1,2-Dichloropropane	ND	610	ug/kg	160
cis-1,3-Dichloropropene	ND	610	ug/kg	88
trans-1,3-Dichloropropene	ND	610	ug/kg	71
Ethylbenzene	**1500**	**610**	**ug/kg**	**75**
2-Hexanone	ND	610	ug/kg	69
Isopropylbenzene	**310 J**	**610**	**ug/kg**	**65**
Methyl acetate	ND	610	ug/kg	150
Methylene chloride	ND	610	ug/kg	130
Methylcyclohexane	ND	610	ug/kg	68
4-Methyl-2-pentanone	ND	610	ug/kg	72
Methyl tert-butyl ether	ND	610	ug/kg	120

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ENSR International

Client Sample ID: SB38(22.5-25)

GC/MS Volatiles

Lot-Sample #...: C8J220183-001 Work Order #...: K1CL01AC Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Styrene	ND	610	ug/kg	78
1,1,2,2-Tetrachloroethane	ND	610	ug/kg	110
1,2,4-Trichloro-benzene	~~120 J,B~~ 610 U	**610**	**ug/kg**	**46**
Tetrachloroethene	ND	610	ug/kg	100
1,1,1-Trichloroethane	ND	610	ug/kg	130
1,1,2-Trichloroethane	ND	610	ug/kg	140
Trichloroethene	ND	610	ug/kg	97
Trichlorofluoromethane	ND	610	ug/kg	140
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	610	ug/kg	40
Vinyl chloride	ND	610	ug/kg	160
Xylenes (total)	**2200**	**1800**	**ug/kg**	**240**
Toluene	ND	610	ug/kg	100

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	97	(52 - 124)
Toluene-d8	97	(72 - 127)
4-Bromofluorobenzene	96	(63 - 120)
Dibromofluoromethane	97	(68 - 121)

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.

ENSR International

Client Sample ID: SB38(45-47.5)

GC/MS Volatiles

Lot-Sample #...: C8J220183-002	**Work Order #...:** K1CL31AK	**Matrix.....:** SO
Date Sampled...: 10/16/08	**Date Received..:** 10/21/08	**MS Run #.....:** 8303368
Prep Date.....: 10/29/08	**Analysis Date..:** 10/30/08	
Prep Batch #...: 8303599	**Analysis Time..:** 01:52	
Dilution Factor: 1	**Initial Wgt/Vol:** 5 g	**Final Wgt/Vol..:** 5 mL
% Moisture.....: 16	**Analyst ID.....:** 403419	**Instrument ID..:** HP3
	Method.....: SW846 8260B	

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND 24 U J	24	ug/kg	6.0
Benzene	ND	6.0	ug/kg	0.80
Bromodichloromethane	ND	6.0	ug/kg	0.67
Bromoform	ND	6.0	ug/kg	0.53
Bromomethane	ND	6.0	ug/kg	0.88
2-Butanone	ND	6.0	ug/kg	1.1
Carbon disulfide	ND	6.0	ug/kg	0.61
Carbon tetrachloride	ND	6.0	ug/kg	0.53
Chlorobenzene	ND	6.0	ug/kg	0.90
Chloroethane	ND	6.0	ug/kg	1.8
Chloroform	ND	6.0	ug/kg	0.70
Chloromethane	ND	6.0	ug/kg	1.0
Cyclohexane	ND	6.0	ug/kg	0.44
Dibromochloromethane	ND	6.0	ug/kg	0.85
1,2-Dibromo-3-chloro-propane	ND	6.0	ug/kg	0.89
1,2-Dibromoethane	ND	6.0	ug/kg	1.0
1,3-Dichlorobenzene	ND	6.0	ug/kg	0.78
1,4-Dichlorobenzene	ND	6.0	ug/kg	0.76
1,2-Dichlorobenzene	ND	6.0	ug/kg	0.95
Dichlorodifluoromethane	ND	6.0	ug/kg	0.79
1,1-Dichloroethane	ND	6.0	ug/kg	0.69
1,2-Dichloroethane	ND	6.0	ug/kg	0.73
1,1-Dichloroethene	ND	6.0	ug/kg	1.0
cis-1,2-Dichloroethene	ND	6.0	ug/kg	0.84
trans-1,2-Dichloroethene	ND	6.0	ug/kg	0.71
1,2-Dichloropropane	ND	6.0	ug/kg	0.65
cis-1,3-Dichloropropene	ND	6.0	ug/kg	0.81
trans-1,3-Dichloropropene	ND	6.0	ug/kg	0.71
Ethylbenzene	ND	6.0	ug/kg	0.77
2-Hexanone	ND	6.0	ug/kg	0.82
Isopropylbenzene	ND	6.0	ug/kg	0.81
Methyl acetate	ND	6.0	ug/kg	1.1
Methylene chloride	~~1.3 J,B~~ 6.0 U	**6.0**	**ug/kg**	**0.80**
Methylcyclohexane	ND	6.0	ug/kg	0.86
4-Methyl-2-pentanone	ND	6.0	ug/kg	0.78
Methyl tert-butyl ether	ND	6.0	ug/kg	0.89

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ENSR International

Client Sample ID: SB38(45-47.5)

GC/MS Volatiles

Lot-Sample #...: C8J220183-002 Work Order #...: K1CL31AK Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Styrene	ND	6.0	ug/kg	0.63
1,1,2,2-Tetrachloroethane	ND	6.0	ug/kg	0.86
1,2,4-Trichloro-benzene	ND	6.0	ug/kg	1.1
Tetrachloroethene	ND	6.0	ug/kg	0.81
1,1,1-Trichloroethane	ND	6.0	ug/kg	0.58
1,1,2-Trichloroethane	ND	6.0	ug/kg	0.99
Trichloroethene	ND	6.0	ug/kg	0.78
Trichlorofluoromethane	ND	6.0	ug/kg	1.1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	6.0	ug/kg	1.3
Vinyl chloride	ND	6.0	ug/kg	0.56
Xylenes (total)	ND	18	ug/kg	2.7
Toluene	ND	6.0	ug/kg	0.87

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	93	(52 - 124)
Toluene-d8	112	(72 - 127)
4-Bromofluorobenzene	105	(63 - 120)
Dibromofluoromethane	96	(68 - 121)

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.

ENSR International

Client Sample ID: SB31(25-27.5)

GC/MS Volatiles

Lot-Sample #...: C8J220183-003	Work Order #...: K1CL51AK	Matrix.....: SO
Date Sampled...: 10/17/08	Date Received..: 10/21/08	MS Run #.....: 8304268
Prep Date.....: 10/30/08	Analysis Date..: 10/30/08	
Prep Batch #...: 8304449	Analysis Time..: 16:41	
Dilution Factor: 10	Initial Wgt/Vol: 5 mL	Final Wgt/Vol..: 5 mL
% Moisture.....: 18	Analyst ID.....: 403794	Instrument ID..: HP5
	Method.....: SW846 8260B	

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	12000	ug/kg	3100
Benzene	**1000 J**	**3100**	**ug/kg**	**610**
Bromodichloromethane	ND	3100	ug/kg	570
Bromoform	ND	3100	ug/kg	660
Bromomethane	ND	3100	ug/kg	970
2-Butanone	ND	3100	ug/kg	660
Carbon disulfide	ND	3100	ug/kg	660
Carbon tetrachloride	ND	3100	ug/kg	660
Chlorobenzene	ND	3100	ug/kg	320
Chloroethane	ND	3100	ug/kg	460
Chloroform	ND	3100	ug/kg	620
Chloromethane	ND	3100	ug/kg	850
Cyclohexane	ND	3100	ug/kg	370
Dibromochloromethane	ND	3100	ug/kg	400
1,2-Dibromo-3-chloro-propane	ND	3100	ug/kg	220
1,2-Dibromoethane	ND	3100	ug/kg	380
1,3-Dichlorobenzene	ND	3100	ug/kg	310
1,4-Dichlorobenzene	ND	3100	ug/kg	320
1,2-Dichlorobenzene	ND	3100	ug/kg	420
Dichlorodifluoromethane	ND 3100 UJ	3100	ug/kg	390
1,1-Dichloroethane	ND	3100	ug/kg	620
1,2-Dichloroethane	ND	3100	ug/kg	590
1,1-Dichloroethene	ND	3100	ug/kg	650
cis-1,2-Dichloroethene	ND	3100	ug/kg	410
trans-1,2-Dichloroethene	ND	3100	ug/kg	460
1,2-Dichloropropane	ND	3100	ug/kg	780
cis-1,3-Dichloropropene	ND	3100	ug/kg	450
trans-1,3-Dichloropropene	ND	3100	ug/kg	360
Ethylbenzene	**14000**	**3100**	**ug/kg**	**380**
2-Hexanone	ND	3100	ug/kg	350
Isopropylbenzene	**3300**	**3100**	**ug/kg**	**330**
Methyl acetate	ND	3100	ug/kg	750
Methylene chloride	ND	3100	ug/kg	670
Methylcyclohexane	ND	3100	ug/kg	340
4-Methyl-2-pentanone	ND	3100	ug/kg	360
Methyl tert-butyl ether	ND	3100	ug/kg	630

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ENSR International

Client Sample ID: SB31(25-27.5)

GC/MS Volatiles

Lot-Sample #...: C8J220183-003 Work Order #...: K1CL51AK Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Styrene	**3000 J**	**3100**	**ug/kg**	**390**
1,1,2,2-Tetrachloroethane	ND	3100	ug/kg	570
1,2,4-Trichloro-benzene	ND	3100	ug/kg	230
Tetrachloroethene	ND	3100	ug/kg	510
1,1,1-Trichloroethane	ND	3100	ug/kg	630
1,1,2-Trichloroethane	ND	3100	ug/kg	710
Trichloroethene	ND	3100	ug/kg	490
Trichlorofluoromethane	ND	3100	ug/kg	690
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	3100	ug/kg	200
Vinyl chloride	ND	3100	ug/kg	790
Xylenes (total)	**29000**	**9200**	**ug/kg**	**1200**
Toluene	**7400**	**3100**	**ug/kg**	**520**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	100	(52 - 124)
Toluene-d8	100	(72 - 127)
4-Bromofluorobenzene	102	(63 - 120)
Dibromofluoromethane	100	(68 - 121)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

ENSR International

Client Sample ID: SB31(47.5-50)

GC/MS Volatiles

Lot-Sample #...: C8J220183-004	Work Order #...: K1CL81AK	Matrix.....: SO
Date Sampled...: 10/17/08	Date Received..: 10/21/08	MS Run #.....: 8303368
Prep Date.....: 10/29/08	Analysis Date..: 10/30/08	
Prep Batch #...: 8303599	Analysis Time..: 05:18	
Dilution Factor: 1	Initial Wgt/Vol: 5 g	Final Wgt/Vol..: 5 mL
% Moisture.....: 22	Analyst ID.....: 010099	Instrument ID..: HP3
	Method.....: SW846 8260B	

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND 26 U5	26	ug/kg	6.4
Benzene	ND	6.4	ug/kg	0.87
Bromodichloromethane	ND	6.4	ug/kg	0.72
Bromoform	ND	6.4	ug/kg	0.57
Bromomethane	ND	6.4	ug/kg	0.95
2-Butanone	ND	6.4	ug/kg	1.1
Carbon disulfide	ND	6.4	ug/kg	0.66
Carbon tetrachloride	ND	6.4	ug/kg	0.57
Chlorobenzene	ND	6.4	ug/kg	0.97
Chloroethane	ND	6.4	ug/kg	2.0
Chloroform	ND	6.4	ug/kg	0.75
Chloromethane	ND	6.4	ug/kg	1.1
Cyclohexane	ND	6.4	ug/kg	0.48
Dibromochloromethane	ND	6.4	ug/kg	0.91
1,2-Dibromo-3-chloro-propane	ND	6.4	ug/kg	0.96
1,2-Dibromoethane	ND	6.4	ug/kg	1.1
1,3-Dichlorobenzene	ND	6.4	ug/kg	0.84
1,4-Dichlorobenzene	ND	6.4	ug/kg	0.82
1,2-Dichlorobenzene	ND	6.4	ug/kg	1.0
Dichlorodifluoromethane	ND	6.4	ug/kg	0.85
1,1-Dichloroethane	ND	6.4	ug/kg	0.74
1,2-Dichloroethane	ND	6.4	ug/kg	0.79
1,1-Dichloroethene	ND	6.4	ug/kg	1.1
cis-1,2-Dichloroethene	ND	6.4	ug/kg	0.90
trans-1,2-Dichloroethene	ND	6.4	ug/kg	0.76
1,2-Dichloropropane	ND	6.4	ug/kg	0.70
cis-1,3-Dichloropropene	ND	6.4	ug/kg	0.87
trans-1,3-Dichloropropene	ND	6.4	ug/kg	0.77
Ethylbenzene	ND	6.4	ug/kg	0.82
2-Hexanone	ND	6.4	ug/kg	0.88
Isopropylbenzene	ND	6.4	ug/kg	0.87
Methyl acetate	ND	6.4	ug/kg	1.2
Methylene chloride	~~1.9 J,B~~ L,J,U	**6.4**	**ug/kg**	**0.86**
Methylcyclohexane	ND	6.4	ug/kg	0.93
4-Methyl-2-pentanone	ND	6.4	ug/kg	0.84
Methyl tert-butyl ether	ND	6.4	ug/kg	0.96

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ENSR International

Client Sample ID: SB31(47.5-50)

GC/MS Volatiles

Lot-Sample #...: C8J220183-004 Work Order #...: K1CL81AK Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Styrene	ND	6.4	ug/kg	0.68
1,1,2,2-Tetrachloroethane	ND	6.4	ug/kg	0.92
1,2,4-Trichloro-benzene	ND	6.4	ug/kg	1.1
Tetrachloroethene	ND	6.4	ug/kg	0.87
1,1,1-Trichloroethane	ND	6.4	ug/kg	0.62
1,1,2-Trichloroethane	ND	6.4	ug/kg	1.1
Trichloroethene	ND	6.4	ug/kg	0.84
Trichlorofluoromethane	ND	6.4	ug/kg	1.2
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	6.4	ug/kg	1.4
Vinyl chloride	ND	6.4	ug/kg	0.60
Xylenes (total)	ND	19	ug/kg	2.9
Toluene	ND	6.4	ug/kg	0.93

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	94	(52 - 124)
Toluene-d8	120	(72 - 127)
4-Bromofluorobenzene	95	(63 - 120)
Dibromofluoromethane	97	(68 - 121)

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.

ENSR International

Client Sample ID: SB39(32.5-35)

GC/MS Volatiles

Lot-Sample #...: C8J220183-005	**Work Order #...:** K1CMD1AK	**Matrix.....:** SO
Date Sampled...: 10/20/08	**Date Received..:** 10/21/08	**MS Run #.....:** 8303368
Prep Date.....: 10/29/08	**Analysis Date..:** 10/30/08	
Prep Batch #...: 8303599	**Analysis Time..:** 03:32	
Dilution Factor: 5	**Initial Wgt/Vol:** 1 g	**Final Wgt/Vol..:** 5 mL
% Moisture.....: 16	**Analyst ID.....:** 403419	**Instrument ID..:** HP3
	Method.....: SW846 8260B	

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND 120 U	120	ug/kg	30
Benzene	ND	30	ug/kg	4.0
Bromodichloromethane	ND	30	ug/kg	3.4
Bromoform	ND	30	ug/kg	2.6
Bromomethane	ND	30	ug/kg	4.4
2-Butanone	ND	30	ug/kg	5.3
Carbon disulfide	ND	30	ug/kg	3.1
Carbon tetrachloride	ND	30	ug/kg	2.7
Chlorobenzene	ND	30	ug/kg	4.5
Chloroethane	ND	30	ug/kg	9.3
Chloroform	ND	30	ug/kg	3.5
Chloromethane	ND	30	ug/kg	5.1
Cyclohexane	ND	30	ug/kg	2.2
Dibromochloromethane	ND	30	ug/kg	4.2
1,2-Dibromo-3-chloro-propane	ND	30	ug/kg	4.5
1,2-Dibromoethane	ND	30	ug/kg	5.2
1,3-Dichlorobenzene	ND	30	ug/kg	3.9
1,4-Dichlorobenzene	ND	30	ug/kg	3.8
1,2-Dichlorobenzene	ND	30	ug/kg	4.8
Dichlorodifluoromethane	ND	30	ug/kg	4.0
1,1-Dichloroethane	ND	30	ug/kg	3.4
1,2-Dichloroethane	ND	30	ug/kg	3.7
1,1-Dichloroethene	ND	30	ug/kg	5.1
cis-1,2-Dichloroethene	ND	30	ug/kg	4.2
trans-1,2-Dichloroethene	ND	30	ug/kg	3.6
1,2-Dichloropropane	ND	30	ug/kg	3.2
cis-1,3-Dichloropropene	ND	30	ug/kg	4.1
trans-1,3-Dichloropropene	ND	30	ug/kg	3.6
Ethylbenzene	**1300**	**30**	**ug/kg**	**3.8**
2-Hexanone	ND	30	ug/kg	4.1
Isopropylbenzene	**380**	**30**	**ug/kg**	**4.1**
Methyl acetate	ND	30	ug/kg	5.4
Methylene chloride	~~5.3 J,B~~ 30 U	**30**	**ug/kg**	**4.0**
Methylcyclohexane	ND	30	ug/kg	4.3
4-Methyl-2-pentanone	ND	30	ug/kg	3.9
Methyl tert-butyl ether	ND	30	ug/kg	4.5

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ENSR International

Client Sample ID: SB39(32.5-35)

GC/MS Volatiles

Lot-Sample #...: C8J220183-005 Work Order #...: K1CMD1AK Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Styrene	ND	30	ug/kg	3.2
1,1,2,2-Tetrachloroethane	ND	30	ug/kg	4.3
1,2,4-Trichloro-benzene	ND	30	ug/kg	5.3
Tetrachloroethene	ND	30	ug/kg	4.1
1,1,1-Trichloroethane	ND	30	ug/kg	2.9
1,1,2-Trichloroethane	ND	30	ug/kg	5.0
Trichloroethene	ND	30	ug/kg	3.9
Trichlorofluoromethane	ND	30	ug/kg	5.5
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	30	ug/kg	6.4
Vinyl chloride	ND	30	ug/kg	2.8
Xylenes (total)	**2500**	**90**	**ug/kg**	**13**
Toluene	**13 J**	**30**	**ug/kg**	**4.4**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	86	(52 - 124)
Toluene-d8	114	(72 - 127)
4-Bromofluorobenzene	101	(63 - 120)
Dibromofluoromethane	92	(68 - 121)

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.

ENSR International

Client Sample ID: SB39(47.5-50)

GC/MS Volatiles

Lot-Sample #...: C8J220183-006	Work Order #...: K1CMG1AK	Matrix.....: SO
Date Sampled...: 10/20/08	Date Received..: 10/21/08	MS Run #.....: 8303368
Prep Date.....: 10/29/08	Analysis Date..: 10/30/08	
Prep Batch #...: 8303599	Analysis Time..: 03:58	
Dilution Factor: 5	Initial Wgt/Vol: 1 g	Final Wgt/Vol..: 5 mL
% Moisture.....: 18	Analyst ID.....: 403419	Instrument ID..: HP3
	Method.....: SW846 8260B	

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND 120 U	120	ug/kg	31
Benzene	ND	31	ug/kg	4.1
Bromodichloromethane	ND	31	ug/kg	3.4
Bromoform	ND	31	ug/kg	2.7
Bromomethane	ND	31	ug/kg	4.5
2-Butanone	ND	31	ug/kg	5.4
Carbon disulfide	ND	31	ug/kg	3.1
Carbon tetrachloride	ND	31	ug/kg	2.7
Chlorobenzene	ND	31	ug/kg	4.6
Chloroethane	ND	31	ug/kg	9.5
Chloroform	ND	31	ug/kg	3.6
Chloromethane	ND	31	ug/kg	5.2
Cyclohexane	ND	31	ug/kg	2.3
Dibromochloromethane	ND	31	ug/kg	4.3
1,2-Dibromo-3-chloro-propane	ND	31	ug/kg	4.6
1,2-Dibromoethane	ND	31	ug/kg	5.3
1,3-Dichlorobenzene	ND	31	ug/kg	4.0
1,4-Dichlorobenzene	ND	31	ug/kg	3.9
1,2-Dichlorobenzene	ND	31	ug/kg	4.9
Dichlorodifluoromethane	ND	31	ug/kg	4.1
1,1-Dichloroethane	ND	31	ug/kg	3.5
1,2-Dichloroethane	ND	31	ug/kg	3.7
1,1-Dichloroethene	ND	31	ug/kg	5.2
cis-1,2-Dichloroethene	ND	31	ug/kg	4.3
trans-1,2-Dichloroethene	ND	31	ug/kg	3.6
1,2-Dichloropropane	ND	31	ug/kg	3.3
cis-1,3-Dichloropropene	ND	31	ug/kg	4.1
trans-1,3-Dichloropropene	ND	31	ug/kg	3.6
Ethylbenzene	ND	31	ug/kg	3.9
2-Hexanone	ND	31	ug/kg	4.2
Isopropylbenzene	ND	31	ug/kg	4.1
Methyl acetate	ND	31	ug/kg	5.5
Methylene chloride	~~7.8 J,B~~ 31 U	**31**	**ug/kg**	**4.1**
Methylcyclohexane	ND	31	ug/kg	4.4
4-Methyl-2-pentanone	ND	31	ug/kg	4.0
Methyl tert-butyl ether	ND	31	ug/kg	4.6

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ENSR International

Client Sample ID: SB39(47.5-50)

GC/MS Volatiles

Lot-Sample #...: C8J220183-006 Work Order #...: K1CMG1AK Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Styrene	ND	31	ug/kg	3.2
1,1,2,2-Tetrachloroethane	ND	31	ug/kg	4.4
1,2,4-Trichloro-benzene	ND	31	ug/kg	5.4
Tetrachloroethene	ND	31	ug/kg	4.2
1,1,1-Trichloroethane	ND	31	ug/kg	3.0
1,1,2-Trichloroethane	ND	31	ug/kg	5.1
Trichloroethene	ND	31	ug/kg	4.0
Trichlorofluoromethane	ND	31	ug/kg	5.6
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	31	ug/kg	6.5
Vinyl chloride	ND	31	ug/kg	2.9
Xylenes (total)	ND	92	ug/kg	14
Toluene	ND	31	ug/kg	4.5

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	91	(52 - 124)
Toluene-d8	108	(72 - 127)
4-Bromofluorobenzene	98	(63 - 120)
Dibromofluoromethane	93	(68 - 121)

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.

ENSR International

Client Sample ID: SB34(32.5-35)

GC/MS Volatiles

Lot-Sample #...: C8J290111-001	Work Order #...: K1TDF1AC	Matrix.....: SO
Date Sampled...: 10/21/08	Date Received..: 10/28/08	MS Run #.....: 8308151
Prep Date.....: 11/03/08	Analysis Date..: 11/03/08	
Prep Batch #...: 8308262	Analysis Time..: 11:45	
Dilution Factor: 5	Initial Wgt/Vol: 5 g	Final Wgt/Vol..: 5 mL
% Moisture.....: 16	Analyst ID.....: 034635	Instrument ID..: HP4
	Method.....: SW846 8260B	

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	5900	ug/kg	1500
Benzene	ND	1500	ug/kg	290
Bromodichloromethane	ND	1500	ug/kg	280
Bromoform	ND	1500	ug/kg	320
Bromomethane	ND	1500	ug/kg	470
2-Butanone	ND	1500	ug/kg	320
Carbon disulfide	ND	1500	ug/kg	320
Carbon tetrachloride	ND	1500	ug/kg	320
Chlorobenzene	ND	1500	ug/kg	160
Chloroethane	ND	1500	ug/kg	220
Chloroform	ND	1500	ug/kg	300
Chloromethane	ND	1500	ug/kg	410
Cyclohexane	ND	1500	ug/kg	180
Dibromochloromethane	ND	1500	ug/kg	190
1,2-Dibromo-3-chloro-propane	ND	1500	ug/kg	100
1,2-Dibromoethane	ND	1500	ug/kg	180
1,3-Dichlorobenzene	ND	1500	ug/kg	150
1,4-Dichlorobenzene	ND	1500	ug/kg	160
1,2-Dichlorobenzene	ND	1500	ug/kg	200
Dichlorodifluoromethane	ND	1500	ug/kg	190
1,1-Dichloroethane	ND	1500	ug/kg	300
1,2-Dichloroethane	ND	1500	ug/kg	280
1,1-Dichloroethene	ND	1500	ug/kg	320
cis-1,2-Dichloroethene	ND	1500	ug/kg	200
trans-1,2-Dichloroethene	ND	1500	ug/kg	220
1,2-Dichloropropane	ND	1500	ug/kg	380
cis-1,3-Dichloropropene	ND	1500	ug/kg	220
trans-1,3-Dichloropropene	ND	1500	ug/kg	170
Ethylbenzene	**3200**	**1500**	**ug/kg**	**180**
2-Hexanone	ND	1500	ug/kg	170
Isopropylbenzene	**1400 J**	**1500**	**ug/kg**	**160**
Methyl acetate	ND	1500	ug/kg	360
Methylene chloride	ND	1500	ug/kg	320
Methylcyclohexane	ND	1500	ug/kg	160
4-Methyl-2-pentanone	ND	1500	ug/kg	180
Methyl tert-butyl ether	ND	1500	ug/kg	300

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ENSR International

Client Sample ID: SB34(32.5-35)

GC/MS Volatiles

Lot-Sample #...: C8J290111-001 Work Order #...: K1TDF1AC Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Styrene	ND	1500	ug/kg	190
1,1,2,2-Tetrachloroethane	ND	1500	ug/kg	280
1,2,4-Trichloro-benzene	ND	1500	ug/kg	110
Tetrachloroethene	ND	1500	ug/kg	240
1,1,1-Trichloroethane	ND	1500	ug/kg	310
1,1,2-Trichloroethane	ND	1500	ug/kg	340
Trichloroethene	ND	1500	ug/kg	240
Trichlorofluoromethane	ND	1500	ug/kg	330
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1500	ug/kg	98
Vinyl chloride	ND	1500	ug/kg	380
Xylenes (total)	**7800**	**4400**	**ug/kg**	**580**
Toluene	ND	1500	ug/kg	250

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	94	(52 - 124)
Toluene-d8	98	(72 - 127)
4-Bromofluorobenzene	98	(63 - 120)
Dibromofluoromethane	90	(68 - 121)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

ENSR International

Client Sample ID: SB34(42.5-45)

GC/MS Volatiles

Lot-Sample #...: C8J290111-002	Work Order #...: K1TDG1AK	Matrix.....: SO
Date Sampled...: 10/21/08	Date Received..: 10/28/08	MS Run #.....: 8304314
Prep Date.....: 10/31/08	Analysis Date..: 10/31/08	
Prep Batch #...: 8304532	Analysis Time..: 11:55	
Dilution Factor: 1	Initial Wgt/Vol: 5 g	Final Wgt/Vol..: 5 mL
% Moisture.....: 15	Analyst ID.....: 010099	Instrument ID..: HP3
	Method.....: SW846 8260B	

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	23	ug/kg	5.9
Benzene	ND	5.9	ug/kg	0.79
Bromodichloromethane	ND	5.9	ug/kg	0.66
Bromoform	ND	5.9	ug/kg	0.52
Bromomethane	ND	5.9	ug/kg	0.87
2-Butanone	ND	5.9	ug/kg	1.0
Carbon disulfide	ND	5.9	ug/kg	0.60
Carbon tetrachloride	ND	5.9	ug/kg	0.52
Chlorobenzene	ND	5.9	ug/kg	0.89
Chloroethane	ND	5.9	ug/kg	1.8
Chloroform	ND	5.9	ug/kg	0.69
Chloromethane	ND	5.9	ug/kg	1.0
Cyclohexane	ND	5.9	ug/kg	0.44
Dibromochloromethane	ND	5.9	ug/kg	0.83
1,2-Dibromo-3-chloro-propane	ND	5.9	ug/kg	0.88
1,2-Dibromoethane	ND	5.9	ug/kg	1.0
1,3-Dichlorobenzene	ND	5.9	ug/kg	0.77
1,4-Dichlorobenzene	ND	5.9	ug/kg	0.75
1,2-Dichlorobenzene	ND	5.9	ug/kg	0.94
Dichlorodifluoromethane	ND	5.9	ug/kg	0.78
1,1-Dichloroethane	ND	5.9	ug/kg	0.68
1,2-Dichloroethane	ND	5.9	ug/kg	0.72
1,1-Dichloroethene	ND	5.9	ug/kg	1.0
cis-1,2-Dichloroethene	ND	5.9	ug/kg	0.83
trans-1,2-Dichloroethene	ND	5.9	ug/kg	0.70
1,2-Dichloropropane	ND	5.9	ug/kg	0.64
cis-1,3-Dichloropropene	ND	5.9	ug/kg	0.80
trans-1,3-Dichloropropene	ND	5.9	ug/kg	0.70
Ethylbenzene	ND	5.9	ug/kg	0.75
2-Hexanone	ND	5.9	ug/kg	0.81
Isopropylbenzene	ND	5.9	ug/kg	0.80
Methyl acetate	ND	5.9	ug/kg	1.1
Methylene chloride	~~1.5 J,B~~ 5.9 U	**5.9**	**ug/kg**	**0.79**
Methylcyclohexane	ND	5.9	ug/kg	0.85
4-Methyl-2-pentanone	ND	5.9	ug/kg	0.77
Methyl tert-butyl ether	ND	5.9	ug/kg	0.88

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ENSR International

Client Sample ID: SB34(42.5-45)

GC/MS Volatiles

Lot-Sample #...: C8J290111-002 Work Order #...: K1TDG1AK Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Styrene	ND	5.9	ug/kg	0.83
1,1,2,2-Tetrachloroethane	ND	5.9	ug/kg	0.84
1,2,4-Trichloro-benzene	ND 5.9 U J	5.9	ug/kg	1.0
Tetrachloroethene	ND	5.9	ug/kg	0.80
1,1,1-Trichloroethane	ND	5.9	ug/kg	0.57
1,1,2-Trichloroethane	ND	5.9	ug/kg	0.98
Trichloroethene	ND	5.9	ug/kg	0.77
Trichlorofluoromethane	ND	5.9	ug/kg	1.1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	5.9	ug/kg	1.3
Vinyl chloride	ND	5.9	ug/kg	0.55
Xylenes (total)	ND	18	ug/kg	2.6
Toluene	ND	5.9	ug/kg	0.86

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	99	(52 - 124)
Toluene-d8	102	(72 - 127)
4-Bromofluorobenzene	93	(63 - 120)
Dibromofluoromethane	97	(68 - 121)

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.

ENSR International

Client Sample ID: SB33(22.5-25)

GC/MS Volatiles

Lot-Sample #...: C8J290111-003	Work Order #...: K1TDH1AK	Matrix.....: SO
Date Sampled...: 10/22/08	Date Received..: 10/28/08	MS Run #.....: 8308151
Prep Date.....: 11/03/08	Analysis Date..: 11/03/08	
Prep Batch #...: 8308262	Analysis Time..: 12:31	
Dilution Factor: 5	Initial Wgt/Vol: 5 g	Final Wgt/Vol..: 5 mL
% Moisture.....: 15	Analyst ID.....: 034635	Instrument ID..: HP4
	Method.....: SW846 8260B	

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	5900	ug/kg	1500
Benzene	ND	1500	ug/kg	290
Bromodichloromethane	ND	1500	ug/kg	280
Bromoform	ND	1500	ug/kg	320
Bromomethane	ND	1500	ug/kg	470
2-Butanone	ND	1500	ug/kg	320
Carbon disulfide	ND	1500	ug/kg	320
Carbon tetrachloride	ND	1500	ug/kg	320
Chlorobenzene	ND	1500	ug/kg	160
Chloroethane	ND	1500	ug/kg	220
Chloroform	ND	1500	ug/kg	300
Chloromethane	ND	1500	ug/kg	410
Cyclohexane	ND	1500	ug/kg	180
Dibromochloromethane	ND	1500	ug/kg	190
1,2-Dibromo-3-chloro-propane	ND	1500	ug/kg	100
1,2-Dibromoethane	ND	1500	ug/kg	180
1,3-Dichlorobenzene	ND	1500	ug/kg	150
1,4-Dichlorobenzene	ND	1500	ug/kg	160
1,2-Dichlorobenzene	ND	1500	ug/kg	200
Dichlorodifluoromethane	ND	1500	ug/kg	190
1,1-Dichloroethane	ND	1500	ug/kg	300
1,2-Dichloroethane	ND	1500	ug/kg	280
1,1-Dichloroethene	ND	1500	ug/kg	320
cis-1,2-Dichloroethene	ND	1500	ug/kg	200
trans-1,2-Dichloroethene	ND	1500	ug/kg	220
1,2-Dichloropropane	ND	1500	ug/kg	380
cis-1,3-Dichloropropene	ND	1500	ug/kg	210
trans-1,3-Dichloropropene	ND	1500	ug/kg	170
Ethylbenzene	**2400**	**1500**	**ug/kg**	**180**
2-Hexanone	ND	1500	ug/kg	170
Isopropylbenzene	**800 J**	**1500**	**ug/kg**	**160**
Methyl acetate	ND	1500	ug/kg	360
Methylene chloride	ND	1500	ug/kg	320
Methylcyclohexane	ND	1500	ug/kg	160
4-Methyl-2-pentanone	ND	1500	ug/kg	170
Methyl tert-butyl ether	ND	1500	ug/kg	300

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ENSR International

Client Sample ID: SB33(22.5-25)

GC/MS Volatiles

Lot-Sample #...: C8J290111-003 Work Order #...: K1TDH1AK Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Styrene	ND	1500	ug/kg	190
1,1,2,2-Tetrachloroethane	ND	1500	ug/kg	280
1,2,4-Trichloro-benzene	ND	1500	ug/kg	110
Tetrachloroethene	ND	1500	ug/kg	240
1,1,1-Trichloroethane	ND	1500	ug/kg	300
1,1,2-Trichloroethane	ND	1500	ug/kg	340
Trichloroethene	ND	1500	ug/kg	240
Trichlorofluoromethane	ND	1500	ug/kg	330
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1500	ug/kg	98
Vinyl chloride	ND	1500	ug/kg	380
Xylenes (total)	**3600 J**	**4400**	**ug/kg**	**580**
Toluene	ND	1500	ug/kg	250

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	106	(52 - 124)
Toluene-d8	105	(72 - 127)
4-Bromofluorobenzene	105	(63 - 120)
Dibromofluoromethane	100	(68 - 121)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

ENSR International

Client Sample ID: SB33(35-37.5)

GC/MS Volatiles

Lot-Sample #...: C8J290111-004	Work Order #...: K1TDJ1AK	Matrix.....: SO
Date Sampled...: 10/22/08	Date Received..: 10/28/08	MS Run #.....: 8304314
Prep Date.....: 10/31/08	Analysis Date..: 10/31/08	
Prep Batch #...: 8304532	Analysis Time..: 12:20	
Dilution Factor: 1	Initial Wgt/Vol: 5 g	Final Wgt/Vol..: 5 mL
% Moisture.....: 14	Analyst ID.....: 010099	Instrument ID..: HP3
	Method.....: SW846 8260B	

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	23	ug/kg	5.8
Benzene	ND	5.8	ug/kg	0.79
Bromodichloromethane	ND	5.8	ug/kg	0.66
Bromoform	ND	5.8	ug/kg	0.52
Bromomethane	ND	5.8	ug/kg	0.86
2-Butanone	ND	5.8	ug/kg	1.0
Carbon disulfide	ND	5.8	ug/kg	0.60
Carbon tetrachloride	ND	5.8	ug/kg	0.52
Chlorobenzene	ND	5.8	ug/kg	0.89
Chloroethane	ND	5.8	ug/kg	1.8
Chloroform	ND	5.8	ug/kg	0.68
Chloromethane	ND	5.8	ug/kg	1.0
Cyclohexane	ND	5.8	ug/kg	0.43
Dibromochloromethane	ND	5.8	ug/kg	0.83
1,2-Dibromo-3-chloro-propane	ND	5.8	ug/kg	0.87
1,2-Dibromoethane	ND	5.8	ug/kg	1.0
1,3-Dichlorobenzene	ND	5.8	ug/kg	0.77
1,4-Dichlorobenzene	ND	5.8	ug/kg	0.74
1,2-Dichlorobenzene	ND	5.8	ug/kg	0.93
Dichlorodifluoromethane	ND	5.8	ug/kg	0.78
1,1-Dichloroethane	ND	5.8	ug/kg	0.67
1,2-Dichloroethane	ND	5.8	ug/kg	0.72
1,1-Dichloroethene	ND	5.8	ug/kg	0.99
cis-1,2-Dichloroethene	ND	5.8	ug/kg	0.82
trans-1,2-Dichloroethene	ND	5.8	ug/kg	0.70
1,2-Dichloropropane	ND	5.8	ug/kg	0.63
cis-1,3-Dichloropropene	ND	5.8	ug/kg	0.79
trans-1,3-Dichloropropene	ND	5.8	ug/kg	0.70
Ethylbenzene	ND	5.8	ug/kg	0.75
2-Hexanone	ND	5.8	ug/kg	0.81
Isopropylbenzene	ND	5.8	ug/kg	0.79
Methyl acetate	ND	5.8	ug/kg	1.1
Methylene chloride	~~1.6 J,B~~	**5.8**	**ug/kg**	**0.79**
Methylcyclohexane	ND	5.8	ug/kg	0.85
4-Methyl-2-pentanone	ND	5.8	ug/kg	0.76
Methyl tert-butyl ether	ND	5.8	ug/kg	0.87

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ENSR International

Client Sample ID: SB33(35-37.5)

GC/MS Volatiles

Lot-Sample #...: C8J290111-004 Work Order #...: K1TDJ1AK Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Styrene	ND	5.8	ug/kg	0.82
1,1,2,2-Tetrachloroethane	ND	5.8	ug/kg	0.84
1,2,4-Trichloro-benzene	ND 5.8 U J	5.8	ug/kg	1.0
Tetrachloroethene	ND	5.8	ug/kg	0.80
1,1,1-Trichloroethane	ND	5.8	ug/kg	0.57
1,1,2-Trichloroethane	ND	5.8	ug/kg	0.97
Trichloroethene	ND	5.8	ug/kg	0.77
Trichlorofluoromethane	ND	5.8	ug/kg	1.1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	5.8	ug/kg	1.2
Vinyl chloride	ND	5.8	ug/kg	0.55
Xylenes (total)	ND	18	ug/kg	2.6
Toluene	ND	5.8	ug/kg	0.85

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	103	(52 - 124)
Toluene-d8	103	(72 - 127)
4-Bromofluorobenzene	93	(63 - 120)
Dibromofluoromethane	97	(68 - 121)

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.

ENSR International

Client Sample ID: SB28(33.5-35)

GC/MS Volatiles

Lot-Sample #...: C8J290111-005	Work Order #...: K1TDK1AK	Matrix.....: SO
Date Sampled...: 10/23/08	Date Received..: 10/28/08	MS Run #.....: 8304314
Prep Date.....: 10/31/08	Analysis Date..: 10/31/08	
Prep Batch #...: 8304532	Analysis Time..: 12:45	
Dilution Factor: 1	Initial Wgt/Vol: 5 g	Final Wgt/Vol..: 5 mL
% Moisture.....: 17	Analyst ID.....: 010099	Instrument ID..: HP3
	Method.....: SW846 8260B	

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	24	ug/kg	6.0
Benzene	ND	6.0	ug/kg	0.81
Bromodichloromethane	ND	6.0	ug/kg	0.68
Bromoform	ND	6.0	ug/kg	0.53
Bromomethane	ND	6.0	ug/kg	0.89
2-Butanone	ND	6.0	ug/kg	1.1
Carbon disulfide	ND	6.0	ug/kg	0.62
Carbon tetrachloride	ND	6.0	ug/kg	0.54
Chlorobenzene	ND	6.0	ug/kg	0.91
Chloroethane	ND	6.0	ug/kg	1.9
Chloroform	ND	6.0	ug/kg	0.71
Chloromethane	ND	6.0	ug/kg	1.0
Cyclohexane	ND	6.0	ug/kg	0.45
Dibromochloromethane	ND	6.0	ug/kg	0.86
1,2-Dibromo-3-chloro-propane	ND	6.0	ug/kg	0.90
1,2-Dibromoethane	ND	6.0	ug/kg	1.0
1,3-Dichlorobenzene	ND	6.0	ug/kg	0.79
1,4-Dichlorobenzene	ND	6.0	ug/kg	0.77
1,2-Dichlorobenzene	ND	6.0	ug/kg	0.96
Dichlorodifluoromethane	ND	6.0	ug/kg	0.80
1,1-Dichloroethane	ND	6.0	ug/kg	0.69
1,2-Dichloroethane	ND	6.0	ug/kg	0.74
1,1-Dichloroethene	ND	6.0	ug/kg	1.0
cis-1,2-Dichloroethene	ND	6.0	ug/kg	0.85
trans-1,2-Dichloroethene	ND	6.0	ug/kg	0.72
1,2-Dichloropropane	ND	6.0	ug/kg	0.65
cis-1,3-Dichloropropene	ND	6.0	ug/kg	0.82
trans-1,3-Dichloropropene	ND	6.0	ug/kg	0.72
Ethylbenzene	ND	6.0	ug/kg	0.77
2-Hexanone	ND	6.0	ug/kg	0.83
Isopropylbenzene	ND	6.0	ug/kg	0.82
Methyl acetate	ND	6.0	ug/kg	1.1
Methylene chloride	~~1.6 J,B~~ 6.0 U	**6.0**	**ug/kg**	**0.81**
Methylcyclohexane	ND	6.0	ug/kg	0.87
4-Methyl-2-pentanone	ND	6.0	ug/kg	0.79
Methyl tert-butyl ether	ND	6.0	ug/kg	0.90

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ENSR International

Client Sample ID: SB28(33.5-35)

GC/MS Volatiles

Lot-Sample #...: C8J290111-005 Work Order #...: K1TDK1AK Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Styrene	ND	6.0	ug/kg	0.85
1,1,2,2-Tetrachloroethane	ND	6.0	ug/kg	0.87
1,2,4-Trichloro-benzene	ND 6.0 U J	6.0	ug/kg	1.1
Tetrachloroethene	ND	6.0	ug/kg	0.82
1,1,1-Trichloroethane	ND	6.0	ug/kg	0.59
1,1,2-Trichloroethane	ND	6.0	ug/kg	1.0
Trichloroethene	ND	6.0	ug/kg	0.79
Trichlorofluoromethane	ND	6.0	ug/kg	1.1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	6.0	ug/kg	1.3
Vinyl chloride	ND	6.0	ug/kg	0.57
Xylenes (total)	ND	18	ug/kg	2.7
Toluene	ND	6.0	ug/kg	0.88

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	100	(52 - 124)
Toluene-d8	103	(72 - 127)
4-Bromofluorobenzene	94	(63 - 120)
Dibromofluoromethane	96	(68 - 121)

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.

ENSR International

Client Sample ID: SB28(47.5-50)

GC/MS Volatiles

Lot-Sample #...:	C8J290111-006	Work Order #...:	K1TDL1AK	Matrix.....:	SO
Date Sampled...:	10/23/08	Date Received..:	10/28/08	MS Run #.....:	8304314
Prep Date.....:	10/31/08	Analysis Date..:	10/31/08		
Prep Batch #...:	8304532	Analysis Time..:	13:10		
Dilution Factor:	1	Initial Wgt/Vol:	5 g	Final Wgt/Vol..:	5 mL
% Moisture.....:	14	Analyst ID.....:	010099	Instrument ID..:	HP3
		Method.....:	SW846 8260B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	23	ug/kg	5.8
Benzene	ND	5.8	ug/kg	0.78
Bromodichloromethane	ND	5.8	ug/kg	0.65
Bromoform	ND	5.8	ug/kg	0.51
Bromomethane	ND	5.8	ug/kg	0.86
2-Butanone	ND	5.8	ug/kg	1.0
Carbon disulfide	ND	5.8	ug/kg	0.59
Carbon tetrachloride	ND	5.8	ug/kg	0.52
Chlorobenzene	ND	5.8	ug/kg	0.88
Chloroethane	ND	5.8	ug/kg	1.8
Chloroform	ND	5.8	ug/kg	0.68
Chloromethane	ND	5.8	ug/kg	0.99
Cyclohexane	ND	5.8	ug/kg	0.43
Dibromochloromethane	ND	5.8	ug/kg	0.82
1,2-Dibromo-3-chloro-propane	ND	5.8	ug/kg	0.87
1,2-Dibromoethane	ND	5.8	ug/kg	1.0
1,3-Dichlorobenzene	ND	5.8	ug/kg	0.76
1,4-Dichlorobenzene	ND	5.8	ug/kg	0.74
1,2-Dichlorobenzene	ND	5.8	ug/kg	0.92
Dichlorodifluoromethane	ND	5.8	ug/kg	0.77
1,1-Dichloroethane	ND	5.8	ug/kg	0.67
1,2-Dichloroethane	ND	5.8	ug/kg	0.71
1,1-Dichloroethene	ND	5.8	ug/kg	0.98
cis-1,2-Dichloroethene	ND	5.8	ug/kg	0.81
trans-1,2-Dichloroethene	ND	5.8	ug/kg	0.69
1,2-Dichloropropane	ND	5.8	ug/kg	0.63
cis-1,3-Dichloropropene	ND	5.8	ug/kg	0.78
trans-1,3-Dichloropropene	ND	5.8	ug/kg	0.69
Ethylbenzene	ND	5.8	ug/kg	0.74
2-Hexanone	ND	5.8	ug/kg	0.80
Isopropylbenzene	ND	5.8	ug/kg	0.79
Methyl acetate	ND	5.8	ug/kg	1.0
Methylene chloride	~~1.7 J,B~~ 5.8 U	**5.8**	**ug/kg**	**0.78**
Methylcyclohexane	ND	5.8	ug/kg	0.84
4-Methyl-2-pentanone	ND	5.8	ug/kg	0.76
Methyl tert-butyl ether	ND	5.8	ug/kg	0.87

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ENSR International

Client Sample ID: SB28(47.5-50)

GC/MS Volatiles

Lot-Sample #...: C8J290111-006 Work Order #...: K1TDL1AK Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Styrene	ND	5.8	ug/kg	0.82
1,1,2,2-Tetrachloroethane	ND	5.8	ug/kg	0.83
1,2,4-Trichloro-benzene	ND 5.8 U	5.8	ug/kg	1.0
Tetrachloroethene	ND	5.8	ug/kg	0.79
1,1,1-Trichloroethane	ND	5.8	ug/kg	0.56
1,1,2-Trichloroethane	ND	5.8	ug/kg	0.96
Trichloroethene	ND	5.8	ug/kg	0.76
Trichlorofluoromethane	ND	5.8	ug/kg	1.1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	5.8	ug/kg	1.2
Vinyl chloride	ND	5.8	ug/kg	0.54
Xylenes (total)	ND	17	ug/kg	2.6
Toluene	ND	5.8	ug/kg	0.84

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	99	(52 - 124)
Toluene-d8	105	(72 - 127)
4-Bromofluorobenzene	91	(63 - 120)
Dibromofluoromethane	97	(68 - 121)

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.

ENSR International

Client Sample ID: SB30(41.5-43.5)

GC/MS Volatiles

Lot-Sample #...: C8J290111-007	Work Order #...: K1TDP1AK	Matrix.....: SO
Date Sampled...: 10/27/08	Date Received..: 10/28/08	MS Run #.....: 8308151
Prep Date.....: 11/03/08	Analysis Date..: 11/03/08	
Prep Batch #...: 8308262	Analysis Time..: 11:23	
Dilution Factor: 5	Initial Wgt/Vol: 5 mL	Final Wgt/Vol..: 5 mL
% Moisture.....: 18	Analyst ID.....: 034635	Instrument ID..: HP4
	Method.....: SW846 8260B	

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	6100	ug/kg	1500
Benzene	ND	1500	ug/kg	300
Bromodichloromethane	ND	1500	ug/kg	280
Bromoform	ND	1500	ug/kg	330
Bromomethane	ND	1500	ug/kg	480
2-Butanone	ND	1500	ug/kg	330
Carbon disulfide	ND	1500	ug/kg	330
Carbon tetrachloride	ND	1500	ug/kg	330
Chlorobenzene	ND	1500	ug/kg	160
Chloroethane	ND	1500	ug/kg	230
Chloroform	ND	1500	ug/kg	310
Chloromethane	ND	1500	ug/kg	430
Cyclohexane	ND	1500	ug/kg	180
Dibromochloromethane	ND	1500	ug/kg	200
1,2-Dibromo-3-chloro-propane	ND	1500	ug/kg	110
1,2-Dibromoethane	ND	1500	ug/kg	190
1,3-Dichlorobenzene	ND	1500	ug/kg	150
1,4-Dichlorobenzene	ND	1500	ug/kg	160
1,2-Dichlorobenzene	ND	1500	ug/kg	210
Dichlorodifluoromethane	ND	1500	ug/kg	190
1,1-Dichloroethane	ND	1500	ug/kg	310
1,2-Dichloroethane	ND	1500	ug/kg	290
1,1-Dichloroethene	ND	1500	ug/kg	330
cis-1,2-Dichloroethene	ND	1500	ug/kg	200
trans-1,2-Dichloroethene	ND	1500	ug/kg	230
1,2-Dichloropropane	ND	1500	ug/kg	390
cis-1,3-Dichloropropene	ND	1500	ug/kg	220
trans-1,3-Dichloropropene	ND	1500	ug/kg	180
Ethylbenzene	**3200**	**1500**	**ug/kg**	**190**
2-Hexanone	ND	1500	ug/kg	170
Isopropylbenzene	**14000**	**1500**	**ug/kg**	**160**
Methyl acetate	ND	1500	ug/kg	380
Methylene chloride	ND	1500	ug/kg	330
Methylcyclohexane	**560 J**	**1500**	**ug/kg**	**170**
4-Methyl-2-pentanone	ND	1500	ug/kg	180
Methyl tert-butyl ether	ND	1500	ug/kg	310

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ENSR International

Client Sample ID: SB30(41.5-43.5)

GC/MS Volatiles

Lot-Sample #...: C8J290111-007 Work Order #...: K1TDP1AK Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Styrene	ND	1500	ug/kg	200
1,1,2,2-Tetrachloroethane	ND	1500	ug/kg	280
1,2,4-Trichloro-benzene	**980 J**	**1500**	**ug/kg**	**120**
Tetrachloroethene	ND	1500	ug/kg	250
1,1,1-Trichloroethane	ND	1500	ug/kg	310
1,1,2-Trichloroethane	ND	1500	ug/kg	350
Trichloroethene	ND	1500	ug/kg	240
Trichlorofluoromethane	ND	1500	ug/kg	340
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1500	ug/kg	100
Vinyl chloride	ND	1500	ug/kg	390
Xylenes (total)	**64000**	**4600**	**ug/kg**	**600**
Toluene	**300 J**	**1500**	**ug/kg**	**260**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	103	(52 - 124)
Toluene-d8	106	(72 - 127)
4-Bromofluorobenzene	110	(63 - 120)
Dibromofluoromethane	99	(68 - 121)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

ENSR International

Client Sample ID: SB300(41.5-43.5)

GC/MS Volatiles

Lot-Sample #...: C8J290111-008	**Work Order #...:** K1TDQ1AK	**Matrix.....:** SO
Date Sampled...: 10/27/08	**Date Received..:** 10/28/08	**MS Run #.....:** 8308151
Prep Date.....: 11/03/08	**Analysis Date..:** 11/03/08	
Prep Batch #...: 8308262	**Analysis Time..:** 12:08	
Dilution Factor: 5	**Initial Wgt/Vol:** 5 g	**Final Wgt/Vol..:** 5 mL
% Moisture.....: 15	**Analyst ID.....:** 034635	**Instrument ID..:** HP4
	Method.....: SW846 8260B	

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	5900	ug/kg	1500
Benzene	ND	1500	ug/kg	290
Bromodichloromethane	ND	1500	ug/kg	270
Bromoform	ND	1500	ug/kg	310
Bromomethane	ND	1500	ug/kg	460
2-Butanone	ND	1500	ug/kg	320
Carbon disulfide	ND	1500	ug/kg	320
Carbon tetrachloride	ND	1500	ug/kg	320
Chlorobenzene	ND	1500	ug/kg	150
Chloroethane	ND	1500	ug/kg	220
Chloroform	ND	1500	ug/kg	300
Chloromethane	ND	1500	ug/kg	410
Cyclohexane	ND	1500	ug/kg	180
Dibromochloromethane	ND	1500	ug/kg	190
1,2-Dibromo-3-chloro-propane	ND	1500	ug/kg	100
1,2-Dibromoethane	ND	1500	ug/kg	180
1,3-Dichlorobenzene	ND	1500	ug/kg	150
1,4-Dichlorobenzene	ND	1500	ug/kg	150
1,2-Dichlorobenzene	ND	1500	ug/kg	200
Dichlorodifluoromethane	ND	1500	ug/kg	190
1,1-Dichloroethane	ND	1500	ug/kg	300
1,2-Dichloroethane	ND	1500	ug/kg	280
1,1-Dichloroethene	ND	1500	ug/kg	310
cis-1,2-Dichloroethene	ND	1500	ug/kg	200
trans-1,2-Dichloroethene	ND	1500	ug/kg	220
1,2-Dichloropropane	ND	1500	ug/kg	380
cis-1,3-Dichloropropene	ND	1500	ug/kg	210
trans-1,3-Dichloropropene	ND	1500	ug/kg	170
Ethylbenzene	**3300**	**1500**	**ug/kg**	**180**
2-Hexanone	ND	1500	ug/kg	170
Isopropylbenzene	**13000**	**1500**	**ug/kg**	**160**
Methyl acetate	ND	1500	ug/kg	360
Methylene chloride	ND	1500	ug/kg	320
Methylcyclohexane	**430 J**	**1500**	**ug/kg**	**160**
4-Methyl-2-pentanone	ND	1500	ug/kg	170
Methyl tert-butyl ether	ND	1500	ug/kg	300

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ENSR International

Client Sample ID: SB300(41.5-43.5)

GC/MS Volatiles

Lot-Sample #...: C8J290111-008 Work Order #...: K1TDQ1AK Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Styrene	ND	1500	ug/kg	190
1,1,2,2-Tetrachloroethane	ND	1500	ug/kg	270
1,2,4-Trichloro-benzene	ND	1500	ug/kg	110
Tetrachloroethene	ND	1500	ug/kg	240
1,1,1-Trichloroethane	ND	1500	ug/kg	300
1,1,2-Trichloroethane	ND	1500	ug/kg	340
Trichloroethene	ND	1500	ug/kg	240
Trichlorofluoromethane	ND	1500	ug/kg	330
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1500	ug/kg	97
Vinyl chloride	ND	1500	ug/kg	380
Xylenes (total)	**62000**	**4400**	**ug/kg**	**580**
Toluene	**280 J**	**1500**	**ug/kg**	**250**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	105	(52 - 124)
Toluene-d8	108	(72 - 127)
4-Bromofluorobenzene	113	(63 - 120)
Dibromofluoromethane	103	(68 - 121)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

ENSR International

Client Sample ID: SB30(50-52.5)

GC/MS Volatiles

Lot-Sample #...: C8J290111-009	Work Order #...: K1TDV1AK	Matrix.....: SO
Date Sampled...: 10/27/08	Date Received..: 10/28/08	MS Run #.....: 8304314
Prep Date.....: 10/31/08	Analysis Date..: 10/31/08	
Prep Batch #...: 8304532	Analysis Time..: 13:35	
Dilution Factor: 1	Initial Wgt/Vol: 5 g	Final Wgt/Vol..: 5 mL
% Moisture.....: 15	Analyst ID.....: 010099	Instrument ID..: HP3
	Method.....: SW846 8260B	

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	23	ug/kg	5.9
Benzene	ND	5.9	ug/kg	0.79
Bromodichloromethane	ND	5.9	ug/kg	0.66
Bromoform	ND	5.9	ug/kg	0.52
Bromomethane	ND	5.9	ug/kg	0.87
2-Butanone	ND	5.9	ug/kg	1.0
Carbon disulfide	ND	5.9	ug/kg	0.60
Carbon tetrachloride	ND	5.9	ug/kg	0.52
Chlorobenzene	ND	5.9	ug/kg	0.89
Chloroethane	ND	5.9	ug/kg	1.8
Chloroform	ND	5.9	ug/kg	0.69
Chloromethane	ND	5.9	ug/kg	1.0
Cyclohexane	ND	5.9	ug/kg	0.44
Dibromochloromethane	ND	5.9	ug/kg	0.83
1,2-Dibromo-3-chloro-propane	ND	5.9	ug/kg	0.88
1,2-Dibromoethane	ND	5.9	ug/kg	1.0
1,3-Dichlorobenzene	ND	5.9	ug/kg	0.77
1,4-Dichlorobenzene	ND	5.9	ug/kg	0.75
1,2-Dichlorobenzene	ND	5.9	ug/kg	0.93
Dichlorodifluoromethane	ND	5.9	ug/kg	0.78
1,1-Dichloroethane	ND	5.9	ug/kg	0.67
1,2-Dichloroethane	ND	5.9	ug/kg	0.72
1,1-Dichloroethene	ND	5.9	ug/kg	0.99
cis-1,2-Dichloroethene	ND	5.9	ug/kg	0.82
trans-1,2-Dichloroethene	ND	5.9	ug/kg	0.70
1,2-Dichloropropane	ND	5.9	ug/kg	0.64
cis-1,3-Dichloropropene	ND	5.9	ug/kg	0.79
trans-1,3-Dichloropropene	ND	5.9	ug/kg	0.70
Ethylbenzene	ND	5.9	ug/kg	0.75
2-Hexanone	ND	5.9	ug/kg	0.81
Isopropylbenzene	ND	5.9	ug/kg	0.80
Methyl acetate	ND	5.9	ug/kg	1.1
Methylene chloride	~~1.6 J,B~~ 5.9 U	**5.9**	**ug/kg**	**0.79**
Methylcyclohexane	ND	5.9	ug/kg	0.85
4-Methyl-2-pentanone	ND	5.9	ug/kg	0.76
Methyl tert-butyl ether	ND	5.9	ug/kg	0.88

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ENSR International

Client Sample ID: SB30(50-52.5)

GC/MS Volatiles

Lot-Sample #...: C8J290111-009 Work Order #...: K1TDV1AK Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Styrene	ND	5.9	ug/kg	0.83
1,1,2,2-Tetrachloroethane	ND	5.9	ug/kg	0.84
1,2,4-Trichloro-benzene	ND 5.9 U5	5.9	ug/kg	1.0
Tetrachloroethene	ND	5.9	ug/kg	0.80
1,1,1-Trichloroethane	ND	5.9	ug/kg	0.57
1,1,2-Trichloroethane	ND	5.9	ug/kg	0.97
Trichloroethene	ND	5.9	ug/kg	0.77
Trichlorofluoromethane	ND	5.9	ug/kg	1.1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	5.9	ug/kg	1.3
Vinyl chloride	ND	5.9	ug/kg	0.55
Xylenes (total)	ND	18	ug/kg	2.6
Toluene	ND	5.9	ug/kg	0.86

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	103	(52 - 124)
Toluene-d8	109	(72 - 127)
4-Bromofluorobenzene	96	(63 - 120)
Dibromofluoromethane	99	(68 - 121)

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.

ENSR International

Client Sample ID: SB26(35-37.5)

GC/MS Volatiles

Lot-Sample #...: C8K010195-001	Work Order #...: K14F41AC	Matrix.....: SO
Date Sampled...: 10/29/08	Date Received..: 11/01/08	MS Run #.....: 8312036
Prep Date.....: 11/07/08	Analysis Date..: 11/07/08	
Prep Batch #...: 8312063	Analysis Time..: 09:16	
Dilution Factor: 1	Initial Wgt/Vol: 5 g	Final Wgt/Vol..: 5 mL
% Moisture.....: 17	Analyst ID.....: 010099	Instrument ID..: HP3
	Method.....: SW846 8260B	

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND 24 U	24	ug/kg	6.0
Benzene	ND	6.0	ug/kg	0.81
Bromodichloromethane	ND	6.0	ug/kg	0.68
Bromoform	ND	6.0	ug/kg	0.53
Bromomethane	ND	6.0	ug/kg	0.89
2-Butanone	ND	6.0	ug/kg	1.1
Carbon disulfide	ND	6.0	ug/kg	0.62
Carbon tetrachloride	ND	6.0	ug/kg	0.54
Chlorobenzene	ND	6.0	ug/kg	0.91
Chloroethane	ND	6.0	ug/kg	1.9
Chloroform	ND	6.0	ug/kg	0.71
Chloromethane	ND	6.0	ug/kg	1.0
Cyclohexane	ND	6.0	ug/kg	0.45
Dibromochloromethane	ND	6.0	ug/kg	0.86
1,2-Dibromo-3-chloro-propane	ND	6.0	ug/kg	0.90
1,2-Dibromoethane	ND	6.0	ug/kg	1.0
1,3-Dichlorobenzene	ND	6.0	ug/kg	0.79
1,4-Dichlorobenzene	ND	6.0	ug/kg	0.77
1,2-Dichlorobenzene	ND	6.0	ug/kg	0.96
Dichlorodifluoromethane	ND 6.0 U	6.0	ug/kg	0.80
1,1-Dichloroethane	ND	6.0	ug/kg	0.69
1,2-Dichloroethane	ND	6.0	ug/kg	0.74
1,1-Dichloroethene	ND	6.0	ug/kg	1.0
cis-1,2-Dichloroethene	ND	6.0	ug/kg	0.85
trans-1,2-Dichloroethene	ND	6.0	ug/kg	0.72
1,2-Dichloropropane	ND	6.0	ug/kg	0.66
cis-1,3-Dichloropropene	ND	6.0	ug/kg	0.82
trans-1,3-Dichloropropene	ND	6.0	ug/kg	0.72
Ethylbenzene	ND	6.0	ug/kg	0.78
2-Hexanone	ND	6.0	ug/kg	0.83
Isopropylbenzene	ND	6.0	ug/kg	0.82
Methyl acetate	ND	6.0	ug/kg	1.1
Methylene chloride	ND	6.0	ug/kg	0.81
Methylcyclohexane	ND	6.0	ug/kg	0.88
4-Methyl-2-pentanone	ND	6.0	ug/kg	0.79
Methyl tert-butyl ether	ND	6.0	ug/kg	0.90

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ENSR International

Client Sample ID: SB26(35-37.5)

GC/MS Volatiles

Lot-Sample #...: C8K010195-001 Work Order #...: K14F41AC Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Styrene	ND	6.0	ug/kg	0.85
1,1,2,2-Tetrachloroethane	ND	6.0	ug/kg	0.87
1,2,4-Trichloro-benzene	ND	6.0	ug/kg	1.1
Tetrachloroethene	ND	6.0	ug/kg	0.82
1,1,1-Trichloroethane	ND	6.0	ug/kg	0.59
1,1,2-Trichloroethane	ND	6.0	ug/kg	1.0
Trichloroethene	ND	6.0	ug/kg	0.79
Trichlorofluoromethane	ND	6.0	ug/kg	1.1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	6.0	ug/kg	1.3
Vinyl chloride	ND	6.0	ug/kg	0.57
Xylenes (total)	ND	18	ug/kg	2.7
Toluene	ND	6.0	ug/kg	0.88

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	94	(52 - 124)
Toluene-d8	103	(72 - 127)
4-Bromofluorobenzene	97	(63 - 120)
Dibromofluoromethane	97	(68 - 121)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

ENSR International

Client Sample ID: SB48(9-10)

GC/MS Volatiles

Lot-Sample #...: C8K010195-002	Work Order #...: K14F51A9	Matrix.....: SO
Date Sampled...: 10/31/08	Date Received..: 11/01/08	MS Run #.....: 8316206
Prep Date.....: 11/11/08	Analysis Date..: 11/11/08	
Prep Batch #...: 8316306	Analysis Time..: 12:54	
Dilution Factor: 5	Initial Wgt/Vol: 5 g	Final Wgt/Vol..: 5 mL
% Moisture.....: 18	Analyst ID.....: 034635	Instrument ID..: HP4
	Method.....: SW846 8260B	

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	6100	ug/kg	1500
Benzene	**1100 J**	**1500**	**ug/kg**	**300**
Bromodichloromethane	ND	1500	ug/kg	280
Bromoform	ND	1500	ug/kg	320
Bromomethane	ND	1500	ug/kg	480
2-Butanone	ND	1500	ug/kg	330
Carbon disulfide	ND	1500	ug/kg	330
Carbon tetrachloride	ND	1500	ug/kg	330
Chlorobenzene	ND	1500	ug/kg	160
Chloroethane	ND	1500	ug/kg	230
Chloroform	ND	1500	ug/kg	310
Chloromethane	ND	1500	ug/kg	420
Cyclohexane	**190 J**	**1500**	**ug/kg**	**180**
Dibromochloromethane	ND	1500	ug/kg	200
1,2-Dibromo-3-chloro-propane	ND	1500	ug/kg	110
1,2-Dibromoethane	ND	1500	ug/kg	190
1,3-Dichlorobenzene	ND	1500	ug/kg	150
1,4-Dichlorobenzene	ND	1500	ug/kg	160
1,2-Dichlorobenzene	ND	1500	ug/kg	210
Dichlorodifluoromethane	ND 1500 u J	1500	ug/kg	190
1,1-Dichloroethane	ND	1500	ug/kg	310
1,2-Dichloroethane	ND	1500	ug/kg	290
1,1-Dichloroethene	ND	1500	ug/kg	320
cis-1,2-Dichloroethene	ND	1500	ug/kg	200
trans-1,2-Dichloroethene	ND	1500	ug/kg	230
1,2-Dichloropropane	ND	1500	ug/kg	390
cis-1,3-Dichloropropene	ND	1500	ug/kg	220
trans-1,3-Dichloropropene	ND	1500	ug/kg	180
Ethylbenzene	**21000**	**1500**	**ug/kg**	**190**
2-Hexanone	ND	1500	ug/kg	170
Isopropylbenzene	**4700**	**1500**	**ug/kg**	**160**
Methyl acetate	ND	1500	ug/kg	370
Methylene chloride	ND	1500	ug/kg	330
Methylcyclohexane	**620 J**	**1500**	**ug/kg**	**170**
4-Methyl-2-pentanone	ND	1500	ug/kg	180
Methyl tert-butyl ether	ND	1500	ug/kg	310

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ENSR International

Client Sample ID: SB48(9-10)

GC/MS Volatiles

Lot-Sample #...: C8K010195-002 Work Order #...: K14F51A9 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Styrene	ND	1500	ug/kg	190
1,1,2,2-Tetrachloroethane	ND	1500	ug/kg	280
1,2,4-Trichloro-benzene	**930 J**	**1500**	**ug/kg**	**110**
Tetrachloroethene	ND	1500	ug/kg	250
1,1,1-Trichloroethane	ND	1500	ug/kg	310
1,1,2-Trichloroethane	ND	1500	ug/kg	350
Trichloroethene	ND	1500	ug/kg	240
Trichlorofluoromethane	ND	1500	ug/kg	340
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1500	ug/kg	100
Vinyl chloride	ND	1500	ug/kg	390
Xylenes (total)	**51000**	**4600**	**ug/kg**	**600**
Toluene	**7000**	**1500**	**ug/kg**	**260**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	101	(52 - 124)
Toluene-d8	99	(72 - 127)
4-Bromofluorobenzene	100	(63 - 120)
Dibromofluoromethane	95	(68 - 121)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

ENSR International

Client Sample ID: SB48(27.5-30)

GC/MS Volatiles

Lot-Sample #...: C8K010195-003	Work Order #...: K14F71AK	Matrix.....: SO
Date Sampled...: 10/31/08	Date Received..: 11/01/08	MS Run #.....: 8312036
Prep Date.....: 11/07/08	Analysis Date..: 11/07/08	
Prep Batch #...: 8312063	Analysis Time..: 09:41	
Dilution Factor: 1	Initial Wgt/Vol: 5 g	Final Wgt/Vol..: 5 mL
% Moisture.....: 16	Analyst ID.....: 010099	Instrument ID..: HP3
	Method.....: SW846 8260B	

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND 24 U J	24	ug/kg	5.9
Benzene	**2.2 J**	**5.9**	**ug/kg**	**0.80**
Bromodichloromethane	ND	5.9	ug/kg	0.67
Bromoform	ND	5.9	ug/kg	0.53
Bromomethane	ND	5.9	ug/kg	0.88
2-Butanone	ND	5.9	ug/kg	1.0
Carbon disulfide	ND	5.9	ug/kg	0.61
Carbon tetrachloride	ND	5.9	ug/kg	0.53
Chlorobenzene	ND	5.9	ug/kg	0.90
Chloroethane	ND	5.9	ug/kg	1.8
Chloroform	ND	5.9	ug/kg	0.69
Chloromethane	ND	5.9	ug/kg	1.0
Cyclohexane	ND	5.9	ug/kg	0.44
Dibromochloromethane	ND	5.9	ug/kg	0.84
1,2-Dibromo-3-chloro-propane	ND	5.9	ug/kg	0.89
1,2-Dibromoethane	ND	5.9	ug/kg	1.0
1,3-Dichlorobenzene	ND	5.9	ug/kg	0.78
1,4-Dichlorobenzene	ND	5.9	ug/kg	0.76
1,2-Dichlorobenzene	ND	5.9	ug/kg	0.95
Dichlorodifluoromethane	ND 5.9 U J	5.9	ug/kg	0.79
1,1-Dichloroethane	ND	5.9	ug/kg	0.68
1,2-Dichloroethane	ND	5.9	ug/kg	0.73
1,1-Dichloroethene	ND	5.9	ug/kg	1.0
cis-1,2-Dichloroethene	ND	5.9	ug/kg	0.83
trans-1,2-Dichloroethene	ND	5.9	ug/kg	0.71
1,2-Dichloropropane	ND	5.9	ug/kg	0.64
cis-1,3-Dichloropropene	ND	5.9	ug/kg	0.80
trans-1,3-Dichloropropene	ND	5.9	ug/kg	0.71
Ethylbenzene	ND	5.9	ug/kg	0.76
2-Hexanone	ND	5.9	ug/kg	0.82
Isopropylbenzene	ND	5.9	ug/kg	0.81
Methyl acetate	ND	5.9	ug/kg	1.1
Methylene chloride	ND	5.9	ug/kg	0.80
Methylcyclohexane	ND	5.9	ug/kg	0.86
4-Methyl-2-pentanone	ND	5.9	ug/kg	0.77
Methyl tert-butyl ether	ND	5.9	ug/kg	0.89

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ENSR International

Client Sample ID: SB48(27.5-30)

GC/MS Volatiles

Lot-Sample #...: C8K010195-003 Work Order #...: K14F71AK Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Styrene	ND	5.9	ug/kg	0.84
1,1,2,2-Tetrachloroethane	ND	5.9	ug/kg	0.85
1,2,4-Trichloro-benzene	ND	5.9	ug/kg	1.0
Tetrachloroethene	ND	5.9	ug/kg	0.81
1,1,1-Trichloroethane	ND	5.9	ug/kg	0.58
1,1,2-Trichloroethane	ND	5.9	ug/kg	0.99
Trichloroethene	ND	5.9	ug/kg	0.78
Trichlorofluoromethane	ND	5.9	ug/kg	1.1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	5.9	ug/kg	1.3
Vinyl chloride	ND	5.9	ug/kg	0.56
Xylenes (total)	ND	18	ug/kg	2.7
Toluene	ND	5.9	ug/kg	0.87

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	105	(52 - 124)
Toluene-d8	103	(72 - 127)
4-Bromofluorobenzene	101	(63 - 120)
Dibromofluoromethane	102	(68 - 121)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

ENSR International

Client Sample ID: SB43(40-42.5)

GC/MS Volatiles

Lot-Sample #...: C8K040347-001	Work Order #...: K18D51AC	Matrix.....: SO
Date Sampled...: 11/01/08	Date Received..: 11/04/08	MS Run #.....: 8316206
Prep Date.....: 11/11/08	Analysis Date..: 11/11/08	
Prep Batch #...: 8316306	Analysis Time..: 13:46	
Dilution Factor: 100	Initial Wgt/Vol: 5 g	Final Wgt/Vol..: 5 mL
% Moisture.....: 11	Analyst ID.....: 034635	Instrument ID..: HP4
	Method.....: SW846 8260B	

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	110000	ug/kg	28000
Benzene	ND	28000	ug/kg	5500
Bromodichloromethane	ND	28000	ug/kg	5200
Bromoform	ND	28000	ug/kg	6000
Bromomethane	ND	28000	ug/kg	8800
2-Butanone	ND	28000	ug/kg	6100
Carbon disulfide	ND	28000	ug/kg	6000
Carbon tetrachloride	ND	28000	ug/kg	6100
Chlorobenzene	ND	28000	ug/kg	3000
Chloroethane	ND	28000	ug/kg	4200
Chloroform	ND	28000	ug/kg	5700
Chloromethane	ND	28000	ug/kg	7800
Cyclohexane	ND	28000	ug/kg	3300
Dibromochloromethane	ND	28000	ug/kg	3600
1,2-Dibromo-3-chloro-propane	ND	28000	ug/kg	2000
1,2-Dibromoethane	ND	28000	ug/kg	3400
1,3-Dichlorobenzene	ND	28000	ug/kg	2800
1,4-Dichlorobenzene	ND	28000	ug/kg	3000
1,2-Dichlorobenzene	ND	28000	ug/kg	3800
Dichlorodifluoromethane	ND 28000 UJ	28000	ug/kg	3600
1,1-Dichloroethane	ND	28000	ug/kg	5700
1,2-Dichloroethane	ND	28000	ug/kg	5400
1,1-Dichloroethene	ND	28000	ug/kg	6000
cis-1,2-Dichloroethene	ND	28000	ug/kg	3700
trans-1,2-Dichloroethene	ND	28000	ug/kg	4200
1,2-Dichloropropane	ND	28000	ug/kg	7200
cis-1,3-Dichloropropene	ND	28000	ug/kg	4100
trans-1,3-Dichloropropene	ND	28000	ug/kg	3300
Ethylbenzene	**590000**	**28000**	**ug/kg**	**3500**
2-Hexanone	ND	28000	ug/kg	3200
Isopropylbenzene	**70000**	**28000**	**ug/kg**	**3000**
Methyl acetate	ND	28000	ug/kg	6900
Methylene chloride	ND	28000	ug/kg	6100
Methylcyclohexane	ND	28000	ug/kg	3100
4-Methyl-2-pentanone	ND	28000	ug/kg	3300
Methyl tert-butyl ether	ND	28000	ug/kg	5800

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ENSR International

Client Sample ID: SB43(40-42.5)

GC/MS Volatiles

Lot-Sample #...: C8K040347-001 Work Order #...: K18D51AC Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Styrene	ND	28000	ug/kg	3600
1,1,2,2-Tetrachloroethane	ND	28000	ug/kg	5200
1,2,4-Trichloro-benzene	ND	28000	ug/kg	2100
Tetrachloroethene	ND	28000	ug/kg	4600
1,1,1-Trichloroethane	ND	28000	ug/kg	5800
1,1,2-Trichloroethane	ND	28000	ug/kg	6500
Trichloroethene	ND	28000	ug/kg	4500
Trichlorofluoromethane	ND	28000	ug/kg	6300
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	28000	ug/kg	1900
Vinyl chloride	ND	28000	ug/kg	7200
Xylenes (total)	**770000**	**84000**	**ug/kg**	**11000**
Toluene	**160000**	**28000**	**ug/kg**	**4700**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	103	(52 - 124)
Toluene-d8	98	(72 - 127)
4-Bromofluorobenzene	103	(63 - 120)
Dibromofluoromethane	96	(68 - 121)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

ENSR International

Client Sample ID: SB43(50-52.5)

GC/MS Volatiles

Lot-Sample #...: C8K040347-002	Work Order #...: K18D71AK	Matrix.....: SO
Date Sampled...: 11/01/08	Date Received..: 11/04/08	MS Run #.....: 8312036
Prep Date.....: 11/07/08	Analysis Date..: 11/07/08	
Prep Batch #...: 8312063	Analysis Time..: 10:05	
Dilution Factor: 1	Initial Wgt/Vol: 5 g	Final Wgt/Vol..: 5 mL
% Moisture.....: 19	Analyst ID.....: 010099	Instrument ID..: HP3
	Method.....: SW846 8260B	

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND 25 UJ	25	ug/kg	6.2
Benzene	ND	6.2	ug/kg	0.83
Bromodichloromethane	ND	6.2	ug/kg	0.69
Bromoform	ND	6.2	ug/kg	0.55
Bromomethane	ND	6.2	ug/kg	0.91
2-Butanone	ND	6.2	ug/kg	1.1
Carbon disulfide	ND	6.2	ug/kg	0.63
Carbon tetrachloride	ND	6.2	ug/kg	0.55
Chlorobenzene	ND	6.2	ug/kg	0.94
Chloroethane	ND	6.2	ug/kg	1.9
Chloroform	ND	6.2	ug/kg	0.72
Chloromethane	ND	6.2	ug/kg	1.1
Cyclohexane	ND	6.2	ug/kg	0.46
Dibromochloromethane	ND	6.2	ug/kg	0.88
1,2-Dibromo-3-chloro-propane	ND	6.2	ug/kg	0.92
1,2-Dibromoethane	ND	6.2	ug/kg	1.1
1,3-Dichlorobenzene	ND	6.2	ug/kg	0.81
1,4-Dichlorobenzene	ND	6.2	ug/kg	0.79
1,2-Dichlorobenzene	ND	6.2	ug/kg	0.98
Dichlorodifluoromethane	ND 6.2 UJ	6.2	ug/kg	0.82
1,1-Dichloroethane	ND	6.2	ug/kg	0.71
1,2-Dichloroethane	ND	6.2	ug/kg	0.76
1,1-Dichloroethene	ND	6.2	ug/kg	1.0
cis-1,2-Dichloroethene	ND	6.2	ug/kg	0.87
trans-1,2-Dichloroethene	ND	6.2	ug/kg	0.74
1,2-Dichloropropane	ND	6.2	ug/kg	0.67
cis-1,3-Dichloropropene	ND	6.2	ug/kg	0.84
trans-1,3-Dichloropropene	ND	6.2	ug/kg	0.74
Ethylbenzene	ND	6.2	ug/kg	0.79
2-Hexanone	ND	6.2	ug/kg	0.85
Isopropylbenzene	ND	6.2	ug/kg	0.84
Methyl acetate	ND	6.2	ug/kg	1.1
Methylene chloride	ND	6.2	ug/kg	0.83
Methylcyclohexane	ND	6.2	ug/kg	0.90
4-Methyl-2-pentanone	ND	6.2	ug/kg	0.81
Methyl tert-butyl ether	ND	6.2	ug/kg	0.92

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ENSR International

Client Sample ID: SB43(50-52.5)

GC/MS Volatiles

Lot-Sample #...: C8K040347-002 Work Order #...: K18D71AK Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Styrene	ND	6.2	ug/kg	0.87
1,1,2,2-Tetrachloroethane	ND	6.2	ug/kg	0.89
1,2,4-Trichloro-benzene	ND	6.2	ug/kg	1.1
Tetrachloroethene	ND	6.2	ug/kg	0.84
1,1,1-Trichloroethane	ND	6.2	ug/kg	0.60
1,1,2-Trichloroethane	ND	6.2	ug/kg	1.0
Trichloroethene	ND	6.2	ug/kg	0.81
Trichlorofluoromethane	ND	6.2	ug/kg	1.1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	6.2	ug/kg	1.3
Vinyl chloride	ND	6.2	ug/kg	0.58
Xylenes (total)	ND	19	ug/kg	2.8
Toluene	ND	6.2	ug/kg	0.90

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	102	(52 - 124)
Toluene-d8	108	(72 - 127)
4-Bromofluorobenzene	102	(63 - 120)
Dibromofluoromethane	105	(68 - 121)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

ENSR International

Client Sample ID: SB35(40-41.5)

GC/MS Volatiles

Lot-Sample #...: C8K040347-003	Work Order #...: K18D81AK	Matrix.....: SO
Date Sampled...: 11/02/08	Date Received..: 11/04/08	MS Run #.....: 8316206
Prep Date.....: 11/11/08	Analysis Date..: 11/11/08	
Prep Batch #...: 8316306	Analysis Time..: 14:59	
Dilution Factor: 10	Initial Wgt/Vol: 5 g	Final Wgt/Vol..: 5 mL
% Moisture.....: 19	Analyst ID.....: 034635	Instrument ID..: HP4
	Method.....: SW846 8260B	

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	12000	ug/kg	3100
Benzene	ND	3100	ug/kg	610
Bromodichloromethane	ND	3100	ug/kg	580
Bromoform	ND	3100	ug/kg	660
Bromomethane	ND	3100	ug/kg	980
2-Butanone	ND	3100	ug/kg	670
Carbon disulfide	ND	3100	ug/kg	670
Carbon tetrachloride	ND	3100	ug/kg	670
Chlorobenzene	ND	3100	ug/kg	330
Chloroethane	ND	3100	ug/kg	460
Chloroform	ND	3100	ug/kg	620
Chloromethane	ND	3100	ug/kg	860
Cyclohexane	ND	3100	ug/kg	370
Dibromochloromethane	ND	3100	ug/kg	400
1,2-Dibromo-3-chloro-propane	ND	3100	ug/kg	220
1,2-Dibromoethane	ND	3100	ug/kg	380
1,3-Dichlorobenzene	ND	3100	ug/kg	310
1,4-Dichlorobenzene	ND	3100	ug/kg	330
1,2-Dichlorobenzene	ND	3100	ug/kg	420
Dichlorodifluoromethane	ND 3100 U J	3100	ug/kg	390
1,1-Dichloroethane	ND	3100	ug/kg	630
1,2-Dichloroethane	ND	3100	ug/kg	590
1,1-Dichloroethene	ND	3100	ug/kg	660
cis-1,2-Dichloroethene	ND	3100	ug/kg	410
trans-1,2-Dichloroethene	ND	3100	ug/kg	470
1,2-Dichloropropane	ND	3100	ug/kg	790
cis-1,3-Dichloropropene	ND	3100	ug/kg	450
trans-1,3-Dichloropropene	ND	3100	ug/kg	360
Ethylbenzene	**36000**	**3100**	**ug/kg**	**380**
2-Hexanone	ND	3100	ug/kg	350
Isopropylbenzene	**8900**	**3100**	**ug/kg**	**330**
Methyl acetate	ND	3100	ug/kg	760
Methylene chloride	ND	3100	ug/kg	670
Methylcyclohexane	ND	3100	ug/kg	340
4-Methyl-2-pentanone	ND	3100	ug/kg	370
Methyl tert-butyl ether	ND	3100	ug/kg	640

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ENSR International

Client Sample ID: SB35(40-41.5)

GC/MS Volatiles

Lot-Sample #...: C8K040347-003 Work Order #...: K18D81AK Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Styrene	ND	3100	ug/kg	400
1,1,2,2-Tetrachloroethane	ND	3100	ug/kg	580
1,2,4-Trichloro-benzene	ND	3100	ug/kg	230
Tetrachloroethene	ND	3100	ug/kg	510
1,1,1-Trichloroethane	ND	3100	ug/kg	640
1,1,2-Trichloroethane	ND	3100	ug/kg	720
Trichloroethene	ND	3100	ug/kg	500
Trichlorofluoromethane	ND	3100	ug/kg	690
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	3100	ug/kg	200
Vinyl chloride	ND	3100	ug/kg	800
Xylenes (total)	**41000**	**9300**	**ug/kg**	**1200**
Toluene	**1900 J**	**3100**	**ug/kg**	**520**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	100	(52 - 124)
Toluene-d8	97	(72 - 127)
4-Bromofluorobenzene	101	(63 - 120)
Dibromofluoromethane	93	(68 - 121)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

ENSR International

Client Sample ID: SB35(45-47.5)

GC/MS Volatiles

Lot-Sample #...: C8K040347-004	Work Order #...: K18D91AK	Matrix.....: SO
Date Sampled...: 11/02/08	Date Received..: 11/04/08	MS Run #.....: 8312036
Prep Date.....: 11/07/08	Analysis Date..: 11/07/08	
Prep Batch #...: 8312063	Analysis Time..: 10:30	
Dilution Factor: 1	Initial Wgt/Vol: 5 g	Final Wgt/Vol..: 5 mL
% Moisture.....: 19	Analyst ID.....: 010099	Instrument ID..: HP3
	Method.....: SW846 8260B	

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND 25 U	25	ug/kg	6.2
Benzene	ND	6.2	ug/kg	0.83
Bromodichloromethane	ND	6.2	ug/kg	0.69
Bromoform	ND	6.2	ug/kg	0.55
Bromomethane	ND	6.2	ug/kg	0.91
2-Butanone	ND	6.2	ug/kg	1.1
Carbon disulfide	ND	6.2	ug/kg	0.63
Carbon tetrachloride	ND	6.2	ug/kg	0.55
Chlorobenzene	ND	6.2	ug/kg	0.93
Chloroethane	ND	6.2	ug/kg	1.9
Chloroform	ND	6.2	ug/kg	0.72
Chloromethane	ND	6.2	ug/kg	1.1
Cyclohexane	ND	6.2	ug/kg	0.46
Dibromochloromethane	ND	6.2	ug/kg	0.88
1,2-Dibromo-3-chloro-propane	ND	6.2	ug/kg	0.92
1,2-Dibromoethane	ND	6.2	ug/kg	1.1
1,3-Dichlorobenzene	ND	6.2	ug/kg	0.81
1,4-Dichlorobenzene	ND	6.2	ug/kg	0.79
1,2-Dichlorobenzene	ND	6.2	ug/kg	0.98
Dichlorodifluoromethane	ND 6.2 U	6.2	ug/kg	0.82
1,1-Dichloroethane	ND	6.2	ug/kg	0.71
1,2-Dichloroethane	ND	6.2	ug/kg	0.76
1,1-Dichloroethene	ND	6.2	ug/kg	1.0
cis-1,2-Dichloroethene	ND	6.2	ug/kg	0.87
trans-1,2-Dichloroethene	ND	6.2	ug/kg	0.73
1,2-Dichloropropane	ND	6.2	ug/kg	0.67
cis-1,3-Dichloropropene	ND	6.2	ug/kg	0.84
trans-1,3-Dichloropropene	ND	6.2	ug/kg	0.74
Ethylbenzene	ND	6.2	ug/kg	0.79
2-Hexanone	ND	6.2	ug/kg	0.85
Isopropylbenzene	ND	6.2	ug/kg	0.84
Methyl acetate	ND	6.2	ug/kg	1.1
Methylene chloride	ND	6.2	ug/kg	0.83
Methylcyclohexane	ND	6.2	ug/kg	0.89
4-Methyl-2-pentanone	ND	6.2	ug/kg	0.80
Methyl tert-butyl ether	ND	6.2	ug/kg	0.92

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ENSR International

Client Sample ID: SB35(45-47.5)

GC/MS Volatiles

Lot-Sample #...: C8K040347-004 Work Order #...: K18D91AK Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Styrene	ND	6.2	ug/kg	0.87
1,1,2,2-Tetrachloroethane	ND	6.2	ug/kg	0.89
1,2,4-Trichloro-benzene	ND	6.2	ug/kg	1.1
Tetrachloroethene	ND	6.2	ug/kg	0.84
1,1,1-Trichloroethane	ND	6.2	ug/kg	0.60
1,1,2-Trichloroethane	ND	6.2	ug/kg	1.0
Trichloroethene	ND	6.2	ug/kg	0.81
Trichlorofluoromethane	ND	6.2	ug/kg	1.1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	6.2	ug/kg	1.3
Vinyl chloride	ND	6.2	ug/kg	0.58
Xylenes (total)	ND	19	ug/kg	2.8
Toluene	**1.4 J**	**6.2**	**ug/kg**	**0.90**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	95	(52 - 124)
Toluene-d8	111	(72 - 127)
4-Bromofluorobenzene	101	(63 - 120)
Dibromofluoromethane	104	(68 - 121)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

ENSR International

Client Sample ID: SB47(18-20.5)

GC/MS Volatiles

Lot-Sample #...:	C8K070273-001	Work Order #...:	K2HCH1AC	Matrix.....:	SO
Date Sampled...:	11/04/08	Date Received..:	11/07/08	MS Run #.....:	8316224
Prep Date.....:	11/12/08	Analysis Date..:	11/12/08		
Prep Batch #...:	8317546	Analysis Time..:	18:32		
Dilution Factor:	1	Initial Wgt/Vol:	5 g	Final Wgt/Vol..:	5 mL
% Moisture.....:	24	Analyst ID.....:	034635	Instrument ID..:	HP3
		Method.....:	SW846 8260B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND 1300 U J	1300	ug/kg	330
Benzene	**600**	**330**	**ug/kg**	**65**
Bromodichloromethane	ND	330	ug/kg	61
Bromoform	ND	330	ug/kg	70
Bromomethane	ND	330	ug/kg	100
2-Butanone	ND	330	ug/kg	71
Carbon disulfide	ND	330	ug/kg	70
Carbon tetrachloride	ND	330	ug/kg	71
Chlorobenzene	ND	330	ug/kg	34
Chloroethane	ND	330	ug/kg	49
Chloroform	ND	330	ug/kg	66
Chloromethane	ND	330	ug/kg	91
Cyclohexane	ND	330	ug/kg	39
Dibromochloromethane	ND	330	ug/kg	42
1,2-Dibromo-3-chloro-propane	ND	330	ug/kg	23
1,2-Dibromoethane	ND	330	ug/kg	40
1,3-Dichlorobenzene	ND	330	ug/kg	33
1,4-Dichlorobenzene	ND	330	ug/kg	34
1,2-Dichlorobenzene	ND	330	ug/kg	45
Dichlorodifluoromethane	ND	330	ug/kg	42
1,1-Dichloroethane	ND	330	ug/kg	66
1,2-Dichloroethane	ND	330	ug/kg	63
1,1-Dichloroethene	ND	330	ug/kg	70
cis-1,2-Dichloroethene	ND	330	ug/kg	43
trans-1,2-Dichloroethene	ND	330	ug/kg	49
1,2-Dichloropropane	ND	330	ug/kg	83
cis-1,3-Dichloropropene	ND	330	ug/kg	47
trans-1,3-Dichloropropene	ND	330	ug/kg	38
Ethylbenzene	**280 J**	**330**	**ug/kg**	**41**
2-Hexanone	ND	330	ug/kg	37
Isopropylbenzene	ND	330	ug/kg	35
Methyl acetate	ND	330	ug/kg	80
Methylene chloride	ND	330	ug/kg	71
Methylcyclohexane	ND	330	ug/kg	36
4-Methyl-2-pentanone	ND	330	ug/kg	39
Methyl tert-butyl ether	ND	330	ug/kg	67

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ENSR International

Client Sample ID: SB47(18-20.5)

GC/MS Volatiles

Lot-Sample #...: C8K070273-001 Work Order #...: K2HCH1AC Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Styrene	ND	330	ug/kg	42
1,1,2,2-Tetrachloroethane	ND	330	ug/kg	61
1,2,4-Trichloro-benzene	ND	330	ug/kg	25
Tetrachloroethene	ND	330	ug/kg	54
1,1,1-Trichloroethane	ND	330	ug/kg	67
1,1,2-Trichloroethane	ND	330	ug/kg	76
Trichloroethene	ND	330	ug/kg	52
Trichlorofluoromethane	ND	330	ug/kg	73
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	330	ug/kg	22
Vinyl chloride	ND	330	ug/kg	84
Xylenes (total)	**250 J**	**980**	**ug/kg**	**130**
Toluene	ND	330	ug/kg	55

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	97	(52 - 124)
Toluene-d8	107	(72 - 127)
4-Bromofluorobenzene	102	(63 - 120)
Dibromofluoromethane	100	(68 - 121)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

ENSR International

Client Sample ID: SB47(38-40)

GC/MS Volatiles

Lot-Sample #...: C8K070273-002	Work Order #...: K2HCQ1AK	Matrix.....: SO	
Date Sampled...: 11/04/08	Date Received..: 11/07/08	MS Run #.....: 8316224	
Prep Date.....: 11/12/08	Analysis Date..: 11/12/08		
Prep Batch #...: 8317546	Analysis Time..: 15:41		
Dilution Factor: 1	Initial Wgt/Vol: 5 g	Final Wgt/Vol..: 5 mL	
% Moisture.....: 20	Analyst ID.....: 034635	Instrument ID..: HP3	
	Method.....: SW846 8260B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND 12001 J	1200	ug/kg	310
Benzene	**480**	**310**	**ug/kg**	**61**
Bromodichloromethane	ND	310	ug/kg	58
Bromoform	ND	310	ug/kg	66
Bromomethane	ND	310	ug/kg	98
2-Butanone	ND	310	ug/kg	67
Carbon disulfide	ND	310	ug/kg	67
Carbon tetrachloride	ND	310	ug/kg	67
Chlorobenzene	ND	310	ug/kg	33
Chloroethane	ND	310	ug/kg	46
Chloroform	ND	310	ug/kg	63
Chloromethane	ND	310	ug/kg	86
Cyclohexane	ND	310	ug/kg	37
Dibromochloromethane	ND	310	ug/kg	40
1,2-Dibromo-3-chloro-propane	ND	310	ug/kg	22
1,2-Dibromoethane	ND	310	ug/kg	38
1,3-Dichlorobenzene	ND	310	ug/kg	31
1,4-Dichlorobenzene	ND	310	ug/kg	33
1,2-Dichlorobenzene	ND	310	ug/kg	42
Dichlorodifluoromethane	ND	310	ug/kg	39
1,1-Dichloroethane	ND	310	ug/kg	63
1,2-Dichloroethane	ND	310	ug/kg	60
1,1-Dichloroethene	ND	310	ug/kg	66
cis-1,2-Dichloroethene	ND	310	ug/kg	41
trans-1,2-Dichloroethene	ND	310	ug/kg	47
1,2-Dichloropropane	ND	310	ug/kg	79
cis-1,3-Dichloropropene	ND	310	ug/kg	45
trans-1,3-Dichloropropene	ND	310	ug/kg	36
Ethylbenzene	**210 J**	**310**	**ug/kg**	**39**
2-Hexanone	ND	310	ug/kg	35
Isopropylbenzene	ND	310	ug/kg	33
Methyl acetate	ND	310	ug/kg	76
Methylene chloride	ND	310	ug/kg	68
Methylcyclohexane	ND	310	ug/kg	35
4-Methyl-2-pentanone	ND	310	ug/kg	37
Methyl tert-butyl ether	ND	310	ug/kg	64

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ENSR International

Client Sample ID: SB47(38-40)

GC/MS Volatiles

Lot-Sample #...: C8K070273-002 Work Order #...: K2HCQ1AK Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Styrene	ND	310	ug/kg	40
1,1,2,2-Tetrachloroethane	ND	310	ug/kg	58
1,2,4-Trichloro-benzene	ND	310	ug/kg	23
Tetrachloroethene	ND	310	ug/kg	51
1,1,1-Trichloroethane	ND	310	ug/kg	64
1,1,2-Trichloroethane	ND	310	ug/kg	72
Trichloroethene	ND	310	ug/kg	50
Trichlorofluoromethane	ND	310	ug/kg	70
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	310	ug/kg	21
Vinyl chloride	ND	310	ug/kg	80
Xylenes (total)	**210 J**	**930**	**ug/kg**	**120**
Toluene	ND	310	ug/kg	53

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	101	(52 - 124)
Toluene-d8	99	(72 - 127)
4-Bromofluorobenzene	100	(63 - 120)
Dibromofluoromethane	95	(68 - 121)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

ENSR International

Client Sample ID: SB44(38-40)

GC/MS Volatiles

Lot-Sample #...:	C8K070273-003	Work Order #...:	K2HCW1AK	Matrix.....:	SO
Date Sampled...:	11/05/08	Date Received..:	11/07/08	MS Run #.....:	8316224
Prep Date.....:	11/11/08	Analysis Date..:	11/11/08		
Prep Batch #...:	8316342	Analysis Time..:	13:20		
Dilution Factor:	50	Initial Wgt/Vol:	5 g	Final Wgt/Vol..:	5 mL
% Moisture.....:	17	Analyst ID.....:	034635	Instrument ID..:	HP4
		Method.....:	SW846 8260B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	60000	ug/kg	15000
Benzene	ND	15000	ug/kg	3000
Bromodichloromethane	ND	15000	ug/kg	2800
Bromoform	ND	15000	ug/kg	3200
Bromomethane	ND	15000	ug/kg	4700
2-Butanone	ND	15000	ug/kg	3300
Carbon disulfide	ND	15000	ug/kg	3200
Carbon tetrachloride	ND	15000	ug/kg	3300
Chlorobenzene	ND	15000	ug/kg	1600
Chloroethane	ND	15000	ug/kg	2200
Chloroform	ND	15000	ug/kg	3000
Chloromethane	ND	15000	ug/kg	4200
Cyclohexane	ND	15000	ug/kg	1800
Dibromochloromethane	ND	15000	ug/kg	1900
1,2-Dibromo-3-chloro-propane	ND	15000	ug/kg	1100
1,2-Dibromoethane	ND	15000	ug/kg	1800
1,3-Dichlorobenzene	ND	15000	ug/kg	1500
1,4-Dichlorobenzene	ND	15000	ug/kg	1600
1,2-Dichlorobenzene	ND	15000	ug/kg	2000
Dichlorodifluoromethane	ND 15000 U J	15000	ug/kg	1900
1,1-Dichloroethane	ND	15000	ug/kg	3000
1,2-Dichloroethane	ND	15000	ug/kg	2900
1,1-Dichloroethene	ND	15000	ug/kg	3200
cis-1,2-Dichloroethene	ND	15000	ug/kg	2000
trans-1,2-Dichloroethene	ND	15000	ug/kg	2300
1,2-Dichloropropane	ND	15000	ug/kg	3800
cis-1,3-Dichloropropene	ND	15000	ug/kg	2200
trans-1,3-Dichloropropene	ND	15000	ug/kg	1800
Ethylbenzene	**300000 J**	**15000**	**ug/kg**	**1900**
2-Hexanone	ND	15000	ug/kg	1700
Isopropylbenzene	**46000 J**	**15000**	**ug/kg**	**1600**
Methyl acetate	ND	15000	ug/kg	3700
Methylene chloride	ND	15000	ug/kg	3300
Methylcyclohexane	**1700 J**	**15000**	**ug/kg**	**1700**
4-Methyl-2-pentanone	ND	15000	ug/kg	1800
Methyl tert-butyl ether	ND	15000	ug/kg	3100

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ENSR International

Client Sample ID: SB44(38-40)

GC/MS Volatiles

Lot-Sample #...: C8K070273-003 Work Order #...: K2HCW1AK Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Styrene	ND	15000	ug/kg	1900
1,1,2,2-Tetrachloroethane	ND	15000	ug/kg	2800
1,2,4-Trichloro-benzene	ND	15000	ug/kg	1100
Tetrachloroethene	ND	15000	ug/kg	2500
1,1,1-Trichloroethane	ND	15000	ug/kg	3100
1,1,2-Trichloroethane	ND	15000	ug/kg	3500
Trichloroethene	ND	15000	ug/kg	2400
Trichlorofluoromethane	ND	15000	ug/kg	3400
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	15000	ug/kg	990
Vinyl chloride	ND	15000	ug/kg	3900
Xylenes (total)	**450000 J**	**45000**	**ug/kg**	**5900**
Toluene	**9700 J**	**15000**	**ug/kg**	**2500**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	111	(52 - 124)
Toluene-d8	102	(72 - 127)
4-Bromofluorobenzene	106	(63 - 120)
Dibromofluoromethane	101	(68 - 121)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

KNSR International

Client Sample ID: SB440(38-40)

GC/MS Volatiles

Lot-Sample #...:	C8K070273-004	**Work Order #...:**	K2HC21AK	**Matrix.....:**	SO
Date Sampled...:	11/05/08	**Date Received..:**	11/07/08	**MS Run #.....:**	
Prep Date.....:	11/12/08	**Analysis Date..:**	11/12/08		
Prep Batch #...:	8317111	**Analysis Time..:**	10:42		
Dilution Factor:	50	**Initial Wgt/Vol:**	5 g	**Final Wgt/Vol..:**	5 mL
% Moisture.....:	17	**Analyst ID.....:**	010099	**Instrument ID..:**	HP3
		Method.....:	SW846 8260B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	60000	ug/kg	15000
Benzene	ND	15000	ug/kg	3000
Bromodichloromethane	ND	15000	ug/kg	2800
Bromoform	ND	15000	ug/kg	3200
Bromomethane	ND	15000	ug/kg	4700
2-Butanone	ND	15000	ug/kg	3300
Carbon disulfide	ND	15000	ug/kg	3200
Carbon tetrachloride	ND	15000	ug/kg	3300
Chlorobenzene	ND	15000	ug/kg	1600
Chloroethane	ND	15000	ug/kg	2300
Chloroform	ND	15000	ug/kg	3000
Chloromethane	ND	15000	ug/kg	4200
Cyclohexane	ND	15000	ug/kg	1800
Dibromochloromethane	ND	15000	ug/kg	2000
1,2-Dibromo-3-chloro-propane	ND	15000	ug/kg	1100
1,2-Dibromoethane	ND	15000	ug/kg	1800
1,3-Dichlorobenzene	ND	15000	ug/kg	1500
1,4-Dichlorobenzene	ND	15000	ug/kg	1600
1,2-Dichlorobenzene	ND	15000	ug/kg	2100
Dichlorodifluoromethane	ND	15000	ug/kg	1900
1,1-Dichloroethane	ND	15000	ug/kg	3100
1,2-Dichloroethane	ND	15000	ug/kg	2900
1,1-Dichloroethene	ND	15000	ug/kg	3200
cis-1,2-Dichloroethene	ND	15000	ug/kg	2000
trans-1,2-Dichloroethene	ND	15000	ug/kg	2300
1,2-Dichloropropane	ND	15000	ug/kg	3800
cis-1,3-Dichloropropene	ND	15000	ug/kg	2200
trans-1,3-Dichloropropene	ND	15000	ug/kg	1800
Ethylbenzene	**180000** J	**15000**	**ug/kg**	**1900**
2-Hexanone	ND	15000	ug/kg	1700
Isopropylbenzene	**26000** J	**15000**	**ug/kg**	**1600**
Methyl acetate	ND	15000	ug/kg	3700
Methylene chloride	ND	15000	ug/kg	3300
Methylcyclohexane	ND	15000	ug/kg	1700
4-Methyl-2-pentanone	ND	15000	ug/kg	1800
Methyl tert-butyl ether	ND	15000	ug/kg	3100

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ENSR International

Client Sample ID: SB440(38-40)

GC/MS Volatiles

Lot-Sample #...: C8K070273-004 Work Order #...: K2HC21AK Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Styrene	ND	15000	ug/kg	1900
1,1,2,2-Tetrachloroethane	ND	15000	ug/kg	2800
1,2,4-Trichloro-benzene	ND	15000	ug/kg	1100
Tetrachloroethene	ND	15000	ug/kg	2500
1,1,1-Trichloroethane	ND	15000	ug/kg	3100
1,1,2-Trichloroethane	ND	15000	ug/kg	3500
Trichloroethene	ND	15000	ug/kg	2400
Trichlorofluoromethane	ND	15000	ug/kg	3400
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	15000	ug/kg	1000
Vinyl chloride	ND	15000	ug/kg	3900
Xylenes (total)	**260000 J**	**45000**	**ug/kg**	**5900**
Toluene	**5700 J**	**15000**	**ug/kg**	**2500**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	93	(52 - 124)
Toluene-d8	95	(72 - 127)
4-Bromofluorobenzene	94	(63 - 120)
Dibromofluoromethane	95	(68 - 121)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

ENSR International

Client Sample ID: SB44(52.5-55)

GC/MS Volatiles

Lot-Sample #...: C8K070273-005	Work Order #...: K2HC71A4	Matrix.....: SO
Date Sampled...: 11/05/08	Date Received..: 11/07/08	MS Run #.....: 8315074
Prep Date.....: 11/10/08	Analysis Date..: 11/10/08	
Prep Batch #...: 8315082	Analysis Time..: 06:43	
Dilution Factor: 1	Initial Wgt/Vol: 5 g	Final Wgt/Vol..: 5 mL
% Moisture.....: 16	Analyst ID.....: 010099	Instrument ID..: HP3
	Method.....: SW846 8260B	

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND 24 U J	24	ug/kg	5.9
Benzene	ND	5.9	ug/kg	0.80
Bromodichloromethane	ND	5.9	ug/kg	0.67
Bromoform	ND	5.9	ug/kg	0.52
Bromomethane	ND	5.9	ug/kg	0.88
2-Butanone	ND	5.9	ug/kg	1.0
Carbon disulfide	ND	5.9	ug/kg	0.61
Carbon tetrachloride	ND	5.9	ug/kg	0.53
Chlorobenzene	ND	5.9	ug/kg	0.90
Chloroethane	ND	5.9	ug/kg	1.8
Chloroform	ND	5.9	ug/kg	0.69
Chloromethane	ND	5.9	ug/kg	1.0
Cyclohexane	ND	5.9	ug/kg	0.44
Dibromochloromethane	ND	5.9	ug/kg	0.84
1,2-Dibromo-3-chloro-propane	ND	5.9	ug/kg	0.89
1,2-Dibromoethane	ND	5.9	ug/kg	1.0
1,3-Dichlorobenzene	ND	5.9	ug/kg	0.78
1,4-Dichlorobenzene	ND	5.9	ug/kg	0.75
1,2-Dichlorobenzene	ND	5.9	ug/kg	0.95
Dichlorodifluoromethane	ND 5.9 U J	5.9	ug/kg	0.79
1,1-Dichloroethane	ND	5.9	ug/kg	0.68
1,2-Dichloroethane	ND	5.9	ug/kg	0.73
1,1-Dichloroethene	ND	5.9	ug/kg	1.0
cis-1,2-Dichloroethene	ND	5.9	ug/kg	0.83
trans-1,2-Dichloroethene	ND	5.9	ug/kg	0.71
1,2-Dichloropropane	ND	5.9	ug/kg	0.64
cis-1,3-Dichloropropene	ND	5.9	ug/kg	0.80
trans-1,3-Dichloropropene	ND	5.9	ug/kg	0.71
Ethylbenzene	ND	5.9	ug/kg	0.76
2-Hexanone	ND	5.9	ug/kg	0.82
Isopropylbenzene	ND	5.9	ug/kg	0.80
Methyl acetate	ND	5.9	ug/kg	1.1
Methylene chloride	ND	5.9	ug/kg	0.80
Methylcyclohexane	ND	5.9	ug/kg	0.86
4-Methyl-2-pentanone	ND	5.9	ug/kg	0.77
Methyl tert-butyl ether	ND	5.9	ug/kg	0.89

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ENSR International

Client Sample ID: SB44(52.5-55)

GC/MS Volatiles

Lot-Sample #...: C8K070273-005 Work Order #...: K2HC71A4 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Styrene	ND	5.9	ug/kg	0.84
1,1,2,2-Tetrachloroethane	ND	5.9	ug/kg	0.85
1,2,4-Trichloro-benzene	ND	5.9	ug/kg	1.0
Tetrachloroethene	ND	5.9	ug/kg	0.81
1,1,1-Trichloroethane	ND	5.9	ug/kg	0.58
1,1,2-Trichloroethane	ND	5.9	ug/kg	0.99
Trichloroethene	ND	5.9	ug/kg	0.78
Trichlorofluoromethane	ND	5.9	ug/kg	1.1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	5.9	ug/kg	1.3
Vinyl chloride	ND	5.9	ug/kg	0.56
Xylenes (total)	ND	18	ug/kg	2.7
Toluene	ND	5.9	ug/kg	0.86

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	75	(52 - 124)
Toluene-d8	122	(72 - 127)
4-Bromofluorobenzene	95	(63 - 120)
Dibromofluoromethane	95	(68 - 121)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

AECOM, Inc

Client Sample ID: SB27(23-23.5)

GC/MS Volatiles

Lot-Sample #...: C8L110357-001	Work Order #...: K4JV61AC	Matrix.....: SO
Date Sampled...: 12/08/08	Date Received..: 12/11/08	MS Run #.....: 8354159
Prep Date.....: 12/19/08	Analysis Date..: 12/19/08	
Prep Batch #...: 8354282	Analysis Time..: 13:07	
Dilution Factor: 10	Initial Wgt/Vol: 5 g	Final Wgt/Vol..: 5 mL
% Moisture.....: 15	Analyst ID.....: 034635	Instrument ID..: HP3
	Method.....: SW846 8260B	

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	12000	ug/kg	3000
Benzene	ND	3000	ug/kg	580
Bromodichloromethane	ND	3000	ug/kg	550
Bromoform	ND	3000	ug/kg	630
Bromomethane	ND	3000	ug/kg	930
2-Butanone	ND	3000	ug/kg	640
Carbon disulfide	ND	3000	ug/kg	630
Carbon tetrachloride	ND	3000	ug/kg	640
Chlorobenzene	ND	3000	ug/kg	310
Chloroethane	ND	3000	ug/kg	440
Chloroform	ND	3000	ug/kg	600
Chloromethane	ND	3000	ug/kg	820
Cyclohexane	ND	3000	ug/kg	350
Dibromochloromethane	ND	3000	ug/kg	380
1,2-Dibromo-3-chloro-propane	ND	3000	ug/kg	210
1,2-Dibromoethane	ND	3000	ug/kg	360
1,3-Dichlorobenzene	ND	3000	ug/kg	300
1,4-Dichlorobenzene	ND	3000	ug/kg	310
1,2-Dichlorobenzene	ND	3000	ug/kg	400
Dichlorodifluoromethane	ND	3000	ug/kg	380
1,1-Dichloroethane	ND	3000	ug/kg	600
1,2-Dichloroethane	ND	3000	ug/kg	570
1,1-Dichloroethene	ND	3000	ug/kg	630
cis-1,2-Dichloroethene	ND	3000	ug/kg	390
trans-1,2-Dichloroethene	ND	3000	ug/kg	440
1,2-Dichloropropane	ND	3000	ug/kg	750
cis-1,3-Dichloropropene	ND	3000	ug/kg	430
trans-1,3-Dichloropropene	ND	3000	ug/kg	340
Ethylbenzene	ND	3000	ug/kg	370
2-Hexanone	ND	3000	ug/kg	340
Isopropylbenzene	**1900 J**	**3000**	**ug/kg**	**310**
Methyl acetate	ND	3000	ug/kg	730
Methylene chloride	ND	3000	ug/kg	640
Methylcyclohexane	ND	3000	ug/kg	330
4-Methyl-2-pentanone	ND	3000	ug/kg	350
Methyl tert-butyl ether	ND	3000	ug/kg	610

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AECOM, Inc

Client Sample ID: SB27(23-23.5)

GC/MS Volatiles

Lot-Sample #...: C8L110357-001 Work Order #...: K4JV61AC Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Styrene	ND	3000	ug/kg	380
1,1,2,2-Tetrachloroethane	ND	3000	ug/kg	550
1,2,4-Trichloro-benzene	ND	3000	ug/kg	220
Tetrachloroethene	ND	3000	ug/kg	490
1,1,1-Trichloroethane	ND	3000	ug/kg	610
1,1,2-Trichloroethane	ND	3000	ug/kg	690
Trichloroethene	ND	3000	ug/kg	470
Trichlorofluoromethane	ND	3000	ug/kg	660
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	3000	ug/kg	200
Vinyl chloride	ND	3000	ug/kg	760
Xylenes (total)	ND	8900	ug/kg	1200
Toluene	ND	3000	ug/kg	500

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	106	(52 - 124)
Toluene-d8	100	(72 - 127)
4-Bromofluorobenzene	106	(63 - 120)
Dibromofluoromethane	105	(68 - 121)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

AECOM, Inc

Client Sample ID: SB27(35-36)

GC/MS Volatiles

Lot-Sample #...: C8L110357-002	Work Order #...: K4JWQ1AC	Matrix.....: SO
Date Sampled...: 12/08/08	Date Received..: 12/11/08	MS Run #.....: 8352202
Prep Date.....: 12/17/08	Analysis Date..: 12/17/08	
Prep Batch #...: 8352263	Analysis Time..: 15:35	
Dilution Factor: 1	Initial Wgt/Vol: 5 g	Final Wgt/Vol..: 5 mL
% Moisture.....: 16	Analyst ID.....: 034635	Instrument ID..: HP4
	Method.....: SW846 8260B	

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND 24 U J	24	ug/kg	6.0
Benzene	ND	6.0	ug/kg	0.81
Bromodichloromethane	ND	6.0	ug/kg	0.67
Bromoform	ND	6.0	ug/kg	0.53
Bromomethane	ND	6.0	ug/kg	0.88
2-Butanone	ND	6.0	ug/kg	1.1
Carbon disulfide	ND	6.0	ug/kg	0.61
Carbon tetrachloride	ND	6.0	ug/kg	0.53
Chlorobenzene	ND	6.0	ug/kg	0.91
Chloroethane	ND	6.0	ug/kg	1.9
Chloroform	ND	6.0	ug/kg	0.70
Chloromethane	ND	6.0	ug/kg	1.0
Cyclohexane	ND	6.0	ug/kg	0.44
Dibromochloromethane	ND	6.0	ug/kg	0.85
1,2-Dibromo-3-chloro-propane	ND 6.0 U J	6.0	ug/kg	0.89
1,2-Dibromoethane	ND	6.0	ug/kg	1.0
1,3-Dichlorobenzene	ND	6.0	ug/kg	0.78
1,4-Dichlorobenzene	ND	6.0	ug/kg	0.76
1,2-Dichlorobenzene	ND	6.0	ug/kg	0.95
Dichlorodifluoromethane	ND	6.0	ug/kg	0.80
1,1-Dichloroethane	ND	6.0	ug/kg	0.69
1,2-Dichloroethane	ND	6.0	ug/kg	0.73
1,1-Dichloroethene	ND	6.0	ug/kg	1.0
cis-1,2-Dichloroethene	ND	6.0	ug/kg	0.84
trans-1,2-Dichloroethene	ND	6.0	ug/kg	0.71
1,2-Dichloropropane	ND	6.0	ug/kg	0.65
cis-1,3-Dichloropropene	ND	6.0	ug/kg	0.81
trans-1,3-Dichloropropene	ND	6.0	ug/kg	0.71
Ethylbenzene	ND	6.0	ug/kg	0.77
2-Hexanone	ND	6.0	ug/kg	0.83
Isopropylbenzene	ND	6.0	ug/kg	0.81
Methyl acetate	ND	6.0	ug/kg	1.1
Methylene chloride	ND	6.0	ug/kg	0.80
Methylcyclohexane	ND	6.0	ug/kg	0.87
4-Methyl-2-pentanone	ND	6.0	ug/kg	0.78
Methyl tert-butyl ether	ND	6.0	ug/kg	0.89

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AECOM, Inc

Client Sample ID: SB27(35-36)

GC/MS Volatiles

Lot-Sample #...: C8L110357-002 Work Order #...: K4JWQ1AC Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Styrene	ND	6.0	ug/kg	0.84
1,1,2,2-Tetrachloroethane	ND	6.0	ug/kg	0.86
1,2,4-Trichloro-benzene	ND	6.0	ug/kg	1.1
Tetrachloroethene	ND	6.0	ug/kg	0.81
1,1,1-Trichloroethane	ND	6.0	ug/kg	0.58
1,1,2-Trichloroethane	ND	6.0	ug/kg	0.99
Trichloroethene	ND	6.0	ug/kg	0.79
Trichlorofluoromethane	ND	6.0	ug/kg	1.1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	6.0	ug/kg	1.3
Vinyl chloride	ND	6.0	ug/kg	0.56
Xylenes (total)	ND	18	ug/kg	2.7
Toluene	ND	6.0	ug/kg	0.87

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	110	(52 - 124)
Toluene-d8	104	(72 - 127)
4-Bromofluorobenzene	71	(63 - 120)
Dibromofluoromethane	101	(68 - 121)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

AECOM, Inc

Client Sample ID: SB53(25-26)

GC/MS Volatiles

Lot-Sample #...: C8L110357-003	Work Order #...: K4JW01AC	Matrix.....: SO
Date Sampled...: 12/08/08	Date Received..: 12/11/08	MS Run #.....: 8352202
Prep Date.....: 12/17/08	Analysis Date..: 12/17/08	
Prep Batch #...: 8352263	Analysis Time..: 15:59	
Dilution Factor: 1	Initial Wgt/Vol: 5 g	Final Wgt/Vol..: 5 mL
% Moisture.....: 14	Analyst ID.....: 034635	Instrument ID..: HP4
	Method.....: SW846 8260B	

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND 23 U J	23	ug/kg	5.8
Benzene	ND	5.8	ug/kg	0.79
Bromodichloromethane	ND	5.8	ug/kg	0.66
Bromoform	ND	5.8	ug/kg	0.52
Bromomethane	ND	5.8	ug/kg	0.86
2-Butanone	ND	5.8	ug/kg	1.0
Carbon disulfide	ND	5.8	ug/kg	0.60
Carbon tetrachloride	ND	5.8	ug/kg	0.52
Chlorobenzene	ND	5.8	ug/kg	0.88
Chloroethane	ND	5.8	ug/kg	1.8
Chloroform	ND	5.8	ug/kg	0.68
Chloromethane	ND	5.8	ug/kg	0.99
Cyclohexane	ND	5.8	ug/kg	0.43
Dibromochloromethane	ND	5.8	ug/kg	0.83
1,2-Dibromo-3-chloro-propane	ND 5.8 U J	5.8	ug/kg	0.87
1,2-Dibromoethane	ND	5.8	ug/kg	1.0
1,3-Dichlorobenzene	ND	5.8	ug/kg	0.77
1,4-Dichlorobenzene	ND	5.8	ug/kg	0.74
1,2-Dichlorobenzene	ND	5.8	ug/kg	0.93
Dichlorodifluoromethane	ND	5.8	ug/kg	0.78
1,1-Dichloroethane	ND	5.8	ug/kg	0.67
1,2-Dichloroethane	ND	5.8	ug/kg	0.72
1,1-Dichloroethene	ND	5.8	ug/kg	0.99
cis-1,2-Dichloroethene	ND	5.8	ug/kg	0.82
trans-1,2-Dichloroethene	ND	5.8	ug/kg	0.70
1,2-Dichloropropane	ND	5.8	ug/kg	0.63
cis-1,3-Dichloropropene	ND	5.8	ug/kg	0.79
trans-1,3-Dichloropropene	ND	5.8	ug/kg	0.70
Ethylbenzene	ND	5.8	ug/kg	0.75
2-Hexanone	ND	5.8	ug/kg	0.81
Isopropylbenzene	ND	5.8	ug/kg	0.79
Methyl acetate	ND	5.8	ug/kg	1.1
Methylene chloride	ND	5.8	ug/kg	0.79
Methylcyclohexane	ND	5.8	ug/kg	0.85
4-Methyl-2-pentanone	ND	5.8	ug/kg	0.76
Methyl tert-butyl ether	ND	5.8	ug/kg	0.87

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AECOM, Inc

Client Sample ID: SB53(25-26)

GC/MS Volatiles

Lot-Sample #...: C8L110357-003 Work Order #...: K4JW01AC Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Styrene	ND	5.8	ug/kg	0.82
1,1,2,2-Tetrachloroethane	ND	5.8	ug/kg	0.84
1,2,4-Trichloro-benzene	ND	5.8	ug/kg	1.0
Tetrachloroethene	ND	5.8	ug/kg	0.79
1,1,1-Trichloroethane	ND	5.8	ug/kg	0.57
1,1,2-Trichloroethane	ND	5.8	ug/kg	0.97
Trichloroethene	ND	5.8	ug/kg	0.77
Trichlorofluoromethane	ND	5.8	ug/kg	1.1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	5.8	ug/kg	1.2
Vinyl chloride	ND	5.8	ug/kg	0.55
Xylenes (total)	ND	18	ug/kg	2.6
Toluene	ND	5.8	ug/kg	0.85

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	107	(52 - 124)
Toluene-d8	89	(72 - 127)
4-Bromofluorobenzene	92	(63 - 120)
Dibromofluoromethane	96	(68 - 121)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

AECOM, Inc

Client Sample ID: SB54(11-12)

GC/MS Volatiles

Lot-Sample #...: C8L110357-004	Work Order #...: K4JW31AC	Matrix.....: SO
Date Sampled...: 12/09/08	Date Received..: 12/11/08	MS Run #.....: 8352202
Prep Date.....: 12/17/08	Analysis Date..: 12/17/08	
Prep Batch #...: 8352263	Analysis Time..: 16:23	
Dilution Factor: 1	Initial Wgt/Vol: 5 g	Final Wgt/Vol..: 5 mL
% Moisture.....: 18	Analyst ID.....: 034635	Instrument ID..: HP4
	Method.....: SW846 8260B	

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND 24 U,J	24	ug/kg	6.1
Benzene	ND	6.1	ug/kg	0.82
Bromodichloromethane	ND	6.1	ug/kg	0.68
Bromoform	ND	6.1	ug/kg	0.54
Bromomethane	ND	6.1	ug/kg	0.90
2-Butanone	ND	6.1	ug/kg	1.1
Carbon disulfide	ND	6.1	ug/kg	0.62
Carbon tetrachloride	ND	6.1	ug/kg	0.54
Chlorobenzene	ND	6.1	ug/kg	0.92
Chloroethane	ND	6.1	ug/kg	1.9
Chloroform	ND	6.1	ug/kg	0.71
Chloromethane	ND	6.1	ug/kg	1.0
Cyclohexane	ND	6.1	ug/kg	0.45
Dibromochloromethane	ND	6.1	ug/kg	0.86
1,2-Dibromo-3-chloro-propane	ND 6.1 U,J	6.1	ug/kg	0.91
1,2-Dibromoethane	ND	6.1	ug/kg	1.0
1,3-Dichlorobenzene	ND	6.1	ug/kg	0.80
1,4-Dichlorobenzene	ND	6.1	ug/kg	0.77
1,2-Dichlorobenzene	ND	6.1	ug/kg	0.97
Dichlorodifluoromethane	ND	6.1	ug/kg	0.81
1,1-Dichloroethane	ND	6.1	ug/kg	0.70
1,2-Dichloroethane	ND	6.1	ug/kg	0.74
1,1-Dichloroethene	ND	6.1	ug/kg	1.0
cis-1,2-Dichloroethene	ND	6.1	ug/kg	0.85
trans-1,2-Dichloroethene	ND	6.1	ug/kg	0.72
1,2-Dichloropropane	ND	6.1	ug/kg	0.66
cis-1,3-Dichloropropene	ND	6.1	ug/kg	0.82
trans-1,3-Dichloropropene	ND	6.1	ug/kg	0.72
Ethylbenzene	ND	6.1	ug/kg	0.78
2-Hexanone	ND	6.1	ug/kg	0.84
Isopropylbenzene	ND	6.1	ug/kg	0.82
Methyl acetate	ND	6.1	ug/kg	1.1
Methylene chloride	~~1.3 J,B~~ 6.1 U	**6.1**	**ug/kg**	**0.82**
Methylcyclohexane	ND	6.1	ug/kg	0.88
4-Methyl-2-pentanone	ND	6.1	ug/kg	0.79
Methyl tert-butyl ether	ND	6.1	ug/kg	0.91

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AECOM, Inc

Client Sample ID: SB54(11-12)

GC/MS Volatiles

Lot-Sample #...: C8L110357-004 Work Order #...: K4JW31AC Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Styrene	ND	6.1	ug/kg	0.86
1,1,2,2-Tetrachloroethane	ND	6.1	ug/kg	0.87
1,2,4-Trichloro-benzene	ND	6.1	ug/kg	1.1
Tetrachloroethene	ND	6.1	ug/kg	0.83
1,1,1-Trichloroethane	ND	6.1	ug/kg	0.59
1,1,2-Trichloroethane	ND	6.1	ug/kg	1.0
Trichloroethene	ND	6.1	ug/kg	0.80
Trichlorofluoromethane	ND	6.1	ug/kg	1.1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	6.1	ug/kg	1.3
Vinyl chloride	ND	6.1	ug/kg	0.57
Xylenes (total)	**3.1 J**	**18**	**ug/kg**	**2.7**
Toluene	**1.7 J**	**6.1**	**ug/kg**	**0.88**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	97	(52 - 124)
Toluene-d8	92	(72 - 127)
4-Bromofluorobenzene	93	(63 - 120)
Dibromofluoromethane	92	(68 - 121)

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.

AECOM, Inc

Client Sample ID: SB56(11-12)

GC/MS Volatiles

Lot-Sample #...: C8L110357-005	Work Order #...: K4JW71AC	Matrix.....: SO
Date Sampled...: 12/09/08	Date Received..: 12/11/08	MS Run #.....: 8352202
Prep Date.....: 12/17/08	Analysis Date..: 12/17/08	
Prep Batch #...: 8352263	Analysis Time..: 16:47	
Dilution Factor: 1	Initial Wgt/Vol: 5 g	Final Wgt/Vol..: 5 mL
% Moisture.....: 19	Analyst ID.....: 034635	Instrument ID..: HP4
	Method.....: SW846 8260B	

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND 25 UJ	25	ug/kg	6.2
Benzene	ND	6.2	ug/kg	0.84
Bromodichloromethane	ND	6.2	ug/kg	0.70
Bromoform	ND	6.2	ug/kg	0.55
Bromomethane	ND	6.2	ug/kg	0.92
2-Butanone	ND	6.2	ug/kg	1.1
Carbon disulfide	ND	6.2	ug/kg	0.64
Carbon tetrachloride	ND	6.2	ug/kg	0.55
Chlorobenzene	ND	6.2	ug/kg	0.94
Chloroethane	ND	6.2	ug/kg	1.9
Chloroform	ND	6.2	ug/kg	0.73
Chloromethane	ND	6.2	ug/kg	1.1
Cyclohexane	ND	6.2	ug/kg	0.46
Dibromochloromethane	ND	6.2	ug/kg	0.88
1,2-Dibromo-3-chloro-propane	ND 6.2 UJ	6.2	ug/kg	0.93
1,2-Dibromoethane	ND	6.2	ug/kg	1.1
1,3-Dichlorobenzene	ND	6.2	ug/kg	0.81
1,4-Dichlorobenzene	ND	6.2	ug/kg	0.79
1,2-Dichlorobenzene	ND	6.2	ug/kg	0.99
Dichlorodifluoromethane	ND	6.2	ug/kg	0.83
1,1-Dichloroethane	ND	6.2	ug/kg	0.71
1,2-Dichloroethane	ND	6.2	ug/kg	0.76
1,1-Dichloroethene	ND	6.2	ug/kg	1.1
cis-1,2-Dichloroethene	ND	6.2	ug/kg	0.87
trans-1,2-Dichloroethene	ND	6.2	ug/kg	0.74
1,2-Dichloropropane	ND	6.2	ug/kg	0.67
cis-1,3-Dichloropropene	ND	6.2	ug/kg	0.84
trans-1,3-Dichloropropene	ND	6.2	ug/kg	0.74
Ethylbenzene	ND	6.2	ug/kg	0.80
2-Hexanone	ND	6.2	ug/kg	0.86
Isopropylbenzene	ND	6.2	ug/kg	0.84
Methyl acetate	ND	6.2	ug/kg	1.1
Methylene chloride	ND	6.2	ug/kg	0.83
Methylcyclohexane	ND	6.2	ug/kg	0.90
4-Methyl-2-pentanone	ND	6.2	ug/kg	0.81
Methyl tert-butyl ether	ND	6.2	ug/kg	0.93

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AECOM, Inc

Client Sample ID: SB56(11-12)

GC/MS Volatiles

Lot-Sample #...: C8L110357-005 Work Order #...: K4JW71AC Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Styrene	ND	6.2	ug/kg	0.88
1,1,2,2-Tetrachloroethane	ND	6.2	ug/kg	0.89
1,2,4-Trichloro-benzene	ND	6.2	ug/kg	1.1
Tetrachloroethene	ND	6.2	ug/kg	0.84
1,1,1-Trichloroethane	ND	6.2	ug/kg	0.60
1,1,2-Trichloroethane	ND	6.2	ug/kg	1.0
Trichloroethene	ND	6.2	ug/kg	0.82
Trichlorofluoromethane	ND	6.2	ug/kg	1.1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	6.2	ug/kg	1.3
Vinyl chloride	ND	6.2	ug/kg	0.58
Xylenes (total)	ND	19	ug/kg	2.8
Toluene	ND	6.2	ug/kg	0.91

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	100	(52 - 124)
Toluene-d8	93	(72 - 127)
4-Bromofluorobenzene	92	(63 - 120)
Dibromofluoromethane	95	(68 - 121)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

AECOM, Inc

Client Sample ID: SB57(11-12)

GC/MS Volatiles

Lot-Sample #...:	C8L110357-006	Work Order #...:	K4JW91AC	Matrix.....:	SO
Date Sampled...:	12/09/08	Date Received..:	12/11/08	MS Run #.....:	8352202
Prep Date.....:	12/17/08	Analysis Date..:	12/17/08		
Prep Batch #...:	8352263	Analysis Time..:	17:57		
Dilution Factor:	1	Initial Wgt/Vol:	5 g	Final Wgt/Vol..:	5 mL
% Moisture.....:	17	Analyst ID.....:	034635	Instrument ID..:	HP4
		Method.....:	SW846 8260B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND 24 U J	24	ug/kg	6.0
Benzene	ND	6.0	ug/kg	0.81
Bromodichloromethane	ND	6.0	ug/kg	0.67
Bromoform	ND	6.0	ug/kg	0.53
Bromomethane	ND	6.0	ug/kg	0.89
2-Butanone	ND	6.0	ug/kg	1.1
Carbon disulfide	ND	6.0	ug/kg	0.61
Carbon tetrachloride	ND	6.0	ug/kg	0.54
Chlorobenzene	ND	6.0	ug/kg	0.91
Chloroethane	ND	6.0	ug/kg	1.9
Chloroform	ND	6.0	ug/kg	0.70
Chloromethane	ND	6.0	ug/kg	1.0
Cyclohexane	ND	6.0	ug/kg	0.45
Dibromochloromethane	ND	6.0	ug/kg	0.85
1,2-Dibromo-3-chloro-propane	ND 6.0 U J	6.0	ug/kg	0.90
1,2-Dibromoethane	ND	6.0	ug/kg	1.0
1,3-Dichlorobenzene	ND	6.0	ug/kg	0.79
1,4-Dichlorobenzene	ND	6.0	ug/kg	0.76
1,2-Dichlorobenzene	ND	6.0	ug/kg	0.96
Dichlorodifluoromethane	ND	6.0	ug/kg	0.80
1,1-Dichloroethane	ND	6.0	ug/kg	0.69
1,2-Dichloroethane	ND	6.0	ug/kg	0.74
1,1-Dichloroethene	ND	6.0	ug/kg	1.0
cis-1,2-Dichloroethene	ND	6.0	ug/kg	0.84
trans-1,2-Dichloroethene	ND	6.0	ug/kg	0.72
1,2-Dichloropropane	ND	6.0	ug/kg	0.65
cis-1,3-Dichloropropene	ND	6.0	ug/kg	0.81
trans-1,3-Dichloropropene	ND	6.0	ug/kg	0.72
Ethylbenzene	ND	6.0	ug/kg	0.77
2-Hexanone	ND	6.0	ug/kg	0.83
Isopropylbenzene	ND	6.0	ug/kg	0.81
Methyl acetate	ND	6.0	ug/kg	1.1
Methylene chloride	ND	6.0	ug/kg	0.81
Methylcyclohexane	ND	6.0	ug/kg	0.87
4-Methyl-2-pentanone	ND	6.0	ug/kg	0.78
Methyl tert-butyl ether	ND	6.0	ug/kg	0.90

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AECOM, Inc

Client Sample ID: SB57(11-12)

GC/MS Volatiles

Lot-Sample #...: C8L110357-006 Work Order #...: K4JW91AC Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Styrene	ND	6.0	ug/kg	0.85
1,1,2,2-Tetrachloroethane	ND	6.0	ug/kg	0.86
1,2,4-Trichloro-benzene	ND	6.0	ug/kg	1.1
Tetrachloroethene	ND	6.0	ug/kg	0.82
1,1,1-Trichloroethane	ND	6.0	ug/kg	0.58
1,1,2-Trichloroethane	ND	6.0	ug/kg	1.0
Trichloroethene	ND	6.0	ug/kg	0.79
Trichlorofluoromethane	ND	6.0	ug/kg	1.1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	6.0	ug/kg	1.3
Vinyl chloride	ND	6.0	ug/kg	0.56
Xylenes (total)	ND	18	ug/kg	2.7
Toluene	ND	6.0	ug/kg	0.88

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	84	(52 - 124)
Toluene-d8	97	(72 - 127)
4-Bromofluorobenzene	92	(63 - 120)
Dibromofluoromethane	88	(68 - 121)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

AECOM, Inc

Client Sample ID: SB59(15-16)

GC/MS Volatiles

Lot-Sample #...: C8L110357-007	Work Order #...: K4JXG1AC	Matrix.....: SO
Date Sampled...: 12/09/08	Date Received..: 12/11/08	MS Run #.....: 8354159
Prep Date.....: 12/19/08	Analysis Date..: 12/19/08	
Prep Batch #...: 8354282	Analysis Time..: 12:44	
Dilution Factor: 1	Initial Wgt/Vol: 5 g	Final Wgt/Vol..: 5 mL
% Moisture.....: 17	Analyst ID.....: 034635	Instrument ID..: HP3
	Method.....: SW846 8260B	

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	1200	ug/kg	300
Benzene	ND	300	ug/kg	60
Bromodichloromethane	ND	300	ug/kg	56
Bromoform	ND	300	ug/kg	64
Bromomethane	ND	300	ug/kg	95
2-Butanone	ND	300	ug/kg	65
Carbon disulfide	ND	300	ug/kg	65
Carbon tetrachloride	ND	300	ug/kg	65
Chlorobenzene	ND	300	ug/kg	32
Chloroethane	ND	300	ug/kg	45
Chloroform	ND	300	ug/kg	61
Chloromethane	ND	300	ug/kg	84
Cyclohexane	ND	300	ug/kg	36
Dibromochloromethane	ND	300	ug/kg	39
1,2-Dibromo-3-chloro-propane	ND	300	ug/kg	21
1,2-Dibromoethane	ND	300	ug/kg	37
1,3-Dichlorobenzene	ND	300	ug/kg	30
1,4-Dichlorobenzene	ND	300	ug/kg	32
1,2-Dichlorobenzene	ND	300	ug/kg	41
Dichlorodifluoromethane	ND	300	ug/kg	38
1,1-Dichloroethane	ND	300	ug/kg	61
1,2-Dichloroethane	ND	300	ug/kg	58
1,1-Dichloroethene	ND	300	ug/kg	64
cis-1,2-Dichloroethene	ND	300	ug/kg	40
trans-1,2-Dichloroethene	ND	300	ug/kg	45
1,2-Dichloropropane	ND	300	ug/kg	77
cis-1,3-Dichloropropene	ND	300	ug/kg	44
trans-1,3-Dichloropropene	ND	300	ug/kg	35
Ethylbenzene	ND	300	ug/kg	37
2-Hexanone	ND	300	ug/kg	34
Isopropylbenzene	ND	300	ug/kg	32
Methyl acetate	ND	300	ug/kg	74
Methylene chloride	ND	300	ug/kg	66
Methylcyclohexane	ND	300	ug/kg	33
4-Methyl-2-pentanone	ND	300	ug/kg	36
Methyl tert-butyl ether	ND	300	ug/kg	62

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AECOM, Inc

Client Sample ID: SB59(15-16)

GC/MS Volatiles

Lot-Sample #...: C8L110357-007 Work Order #...: K4JXG1AC Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Styrene	ND	300	ug/kg	38
1,1,2,2-Tetrachloroethane	ND	300	ug/kg	56
1,2,4-Trichloro-benzene	ND	300	ug/kg	23
Tetrachloroethene	ND	300	ug/kg	50
1,1,1-Trichloroethane	ND	300	ug/kg	62
1,1,2-Trichloroethane	ND	300	ug/kg	70
Trichloroethene	ND	300	ug/kg	48
Trichlorofluoromethane	ND	300	ug/kg	67
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	300	ug/kg	20
Vinyl chloride	ND	300	ug/kg	78
Xylenes (total)	ND	900	ug/kg	120
Toluene	ND	300	ug/kg	51

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	100	(52 - 124)
Toluene-d8	107	(72 - 127)
4-Bromofluorobenzene	107	(63 - 120)
Dibromofluoromethane	100	(68 - 121)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

AECOM, Inc

Client Sample ID: SB59(23-24)

GC/MS Volatiles

Lot-Sample #...: C8L110357-008	Work Order #...: K4JXL1AC	Matrix.....: SO
Date Sampled...: 12/09/08	Date Received..: 12/11/08	MS Run #.....: 8352202
Prep Date.....: 12/17/08	Analysis Date..: 12/17/08	
Prep Batch #...: 8352263	Analysis Time..: 17:34	
Dilution Factor: 1	Initial Wgt/Vol: 5 g	Final Wgt/Vol..: 5 mL
% Moisture.....: 17	Analyst ID.....: 034635	Instrument ID..: HP4
	Method.....: SW846 8260B	

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	24	ug/kg	6.0
Benzene	ND	6.0	ug/kg	0.81
Bromodichloromethane	ND	6.0	ug/kg	0.67
Bromoform	ND	6.0	ug/kg	0.53
Bromomethane	ND	6.0	ug/kg	0.89
2-Butanone	ND	6.0	ug/kg	1.1
Carbon disulfide	ND	6.0	ug/kg	0.62
Carbon tetrachloride	ND	6.0	ug/kg	0.54
Chlorobenzene	ND	6.0	ug/kg	0.91
Chloroethane	ND	6.0	ug/kg	1.9
Chloroform	ND	6.0	ug/kg	0.70
Chloromethane	ND	6.0	ug/kg	1.0
Cyclohexane	ND	6.0	ug/kg	0.45
Dibromochloromethane	ND	6.0	ug/kg	0.85
1,2-Dibromo-3-chloro-propane	ND	6.0	ug/kg	0.90
1,2-Dibromoethane	ND	6.0	ug/kg	1.0
1,3-Dichlorobenzene	ND	6.0	ug/kg	0.79
1,4-Dichlorobenzene	ND	6.0	ug/kg	0.77
1,2-Dichlorobenzene	ND	6.0	ug/kg	0.96
Dichlorodifluoromethane	ND	6.0	ug/kg	0.80
1,1-Dichloroethane	ND	6.0	ug/kg	0.69
1,2-Dichloroethane	ND	6.0	ug/kg	0.74
1,1-Dichloroethene	ND	6.0	ug/kg	1.0
cis-1,2-Dichloroethene	ND	6.0	ug/kg	0.85
trans-1,2-Dichloroethene	ND	6.0	ug/kg	0.72
1,2-Dichloropropane	ND	6.0	ug/kg	0.65
cis-1,3-Dichloropropene	ND	6.0	ug/kg	0.81
trans-1,3-Dichloropropene	ND	6.0	ug/kg	0.72
Ethylbenzene	ND	6.0	ug/kg	0.77
2-Hexanone	ND	6.0	ug/kg	0.83
Isopropylbenzene	ND	6.0	ug/kg	0.82
Methyl acetate	ND	6.0	ug/kg	1.1
Methylene chloride	ND	6.0	ug/kg	0.81
Methylcyclohexane	ND	6.0	ug/kg	0.87
4-Methyl-2-pentanone	ND	6.0	ug/kg	0.78
Methyl tert-butyl ether	ND	6.0	ug/kg	0.90

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AECOM, Inc

Client Sample ID: SB59(23-24)

GC/MS Volatiles

Lot-Sample #...: C8L110357-008 Work Order #...: K4JXL1AC Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Styrene	ND	6.0	ug/kg	0.85
1,1,2,2-Tetrachloroethane	ND	6.0	ug/kg	0.86
1,2,4-Trichloro-benzene	ND	6.0	ug/kg	1.1
Tetrachloroethene	ND	6.0	ug/kg	0.82
1,1,1-Trichloroethane	ND	6.0	ug/kg	0.58
1,1,2-Trichloroethane	ND	6.0	ug/kg	1.0
Trichloroethene	ND	6.0	ug/kg	0.79
Trichlorofluoromethane	ND	6.0	ug/kg	1.1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	6.0	ug/kg	1.3
Vinyl chloride	ND	6.0	ug/kg	0.56
Xylenes (total)	ND	18	ug/kg	2.7
Toluene	**1.4 J**	**6.0**	**ug/kg**	**0.88**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	79	(52 - 124)
Toluene-d8	96	(72 - 127)
4-Bromofluorobenzene	92	(63 - 120)
Dibromofluoromethane	87	(68 - 121)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

AECOM, Inc

Client Sample ID: MW-4

GC/MS Volatiles

Lot-Sample #...: C8L100288-001	Work Order #...: K4FMX1AA	Matrix.....: WG
Date Sampled...: 12/09/08	Date Received..: 12/10/08	MS Run #.....: 8353187
Prep Date.....: 12/18/08	Analysis Date..: 12/18/08	
Prep Batch #...: 8353293	Analysis Time..: 13:00	
Dilution Factor: 1	Initial Wgt/Vol: 5 mL	Final Wgt/Vol..: 5 mL
Analyst ID.....: 001562	Instrument ID..: HP5	
	Method.....: SW846 8260B	

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	5.0	ug/L	2.5
Benzene	**1.6**	**1.0**	**ug/L**	**0.27**
Bromodichloromethane	ND	1.0	ug/L	0.20
Bromoform	ND	1.0	ug/L	0.25
Bromomethane	ND	1.0	ug/L	0.30
2-Butanone	ND	5.0	ug/L	0.50
Carbon disulfide	ND	1.0	ug/L	0.20
Carbon tetrachloride	ND	1.0	ug/L	0.30
Chlorobenzene	ND	1.0	ug/L	0.23
Chloroethane	ND	1.0	ug/L	0.25
Chloroform	ND	1.0	ug/L	0.24
Chloromethane	ND	1.0	ug/L	0.27
Cyclohexane	ND	1.0	ug/L	0.30
Dibromochloromethane	ND	1.0	ug/L	0.16
1,2-Dibromo-3-chloro-propane	ND	1.0	ug/L	0.24
1,2-Dibromoethane	ND	1.0	ug/L	0.23
1,3-Dichlorobenzene	ND	1.0	ug/L	0.16
1,4-Dichlorobenzene	ND	1.0	ug/L	0.18
1,2-Dichlorobenzene	ND	1.0	ug/L	0.22
Dichlorodifluoromethane	ND	1.0	ug/L	0.26
1,1-Dichloroethane	ND	1.0	ug/L	0.24
1,2-Dichloroethane	ND	1.0	ug/L	0.21
1,1-Dichloroethene	ND	1.0	ug/L	0.28
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.27
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.27
1,2-Dichloropropane	ND	1.0	ug/L	0.18
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.19
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.18
Ethylbenzene	ND	1.0	ug/L	0.18
2-Hexanone	ND	5.0	ug/L	0.53
Isopropylbenzene	ND	1.0	ug/L	0.22
Methyl acetate	ND	1.0	ug/L	0.10
Methylene chloride	ND	1.0	ug/L	0.32
Methylcyclohexane	ND	1.0	ug/L	0.32
4-Methyl-2-pentanone	ND	5.0	ug/L	0.23
Methyl tert-butyl ether	ND	1.0	ug/L	0.20

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AECOM, Inc

Client Sample ID: MW-4

GC/MS Volatiles

Lot-Sample #...: C8L100288-001 Work Order #...: K4FMX1AA Matrix.....: WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Styrene	ND	1.0	ug/L	0.22
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.15
1,2,4-Trichloro-benzene	ND	1.0	ug/L	0.15
Tetrachloroethene	ND	1.0	ug/L	0.24
1,1,1-Trichloroethane	ND	1.0	ug/L	0.25
1,1,2-Trichloroethane	ND	1.0	ug/L	0.20
Trichloroethene	ND	1.0	ug/L	0.29
Trichlorofluoromethane	ND	1.0	ug/L	0.080
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L	0.30
Toluene	ND	1.0	ug/L	0.23
Vinyl chloride	ND	1.0	ug/L	0.29
Xylenes (total)	ND	3.0	ug/L	0.62

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	109	(71 - 118)
1,2-Dichloroethane-d4	97	(64 - 135)
4-Bromofluorobenzene	103	(70 - 118)
Dibromofluoromethane	100	(70 - 128)

AECOM, Inc

Client Sample ID: MW-1

GC/MS Volatiles

Lot-Sample #...: C8L100288-002	Work Order #...: K4FM71AH	Matrix.....: WG
Date Sampled...: 12/09/08	Date Received..: 12/10/08	MS Run #.....: 8353187
Prep Date.....: 12/18/08	Analysis Date..: 12/18/08	
Prep Batch #...: 8353293	Analysis Time..: 13:23	
Dilution Factor: 1	Initial Wgt/Vol: 5 mL	Final Wgt/Vol..: 5 mL
Analyst ID.....: 001562	Instrument ID..: HP5	
	Method.....: SW846 8260B	

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	5.0	ug/L	2.5
Benzene	**1.0**	**1.0**	**ug/L**	**0.27**
Bromodichloromethane	ND	1.0	ug/L	0.20
Bromoform	ND	1.0	ug/L	0.25
Bromomethane	ND	1.0	ug/L	0.30
2-Butanone	ND	5.0	ug/L	0.50
Carbon disulfide	ND	1.0	ug/L	0.20
Carbon tetrachloride	ND	1.0	ug/L	0.30
Chlorobenzene	ND	1.0	ug/L	0.23
Chloroethane	ND	1.0	ug/L	0.25
Chloroform	ND	1.0	ug/L	0.24
Chloromethane	ND	1.0	ug/L	0.27
Cyclohexane	**2.0**	**1.0**	**ug/L**	**0.30**
Dibromochloromethane	ND	1.0	ug/L	0.16
1,2-Dibromo-3-chloro-propane	ND	1.0	ug/L	0.24
1,2-Dibromoethane	ND	1.0	ug/L	0.23
1,3-Dichlorobenzene	ND	1.0	ug/L	0.16
1,4-Dichlorobenzene	ND	1.0	ug/L	0.18
1,2-Dichlorobenzene	ND	1.0	ug/L	0.22
Dichlorodifluoromethane	ND	1.0	ug/L	0.26
1,1-Dichloroethane	ND	1.0	ug/L	0.24
1,2-Dichloroethane	ND	1.0	ug/L	0.21
1,1-Dichloroethene	ND	1.0	ug/L	0.28
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.27
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.27
1,2-Dichloropropane	ND	1.0	ug/L	0.18
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.19
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.18
Ethylbenzene	ND	1.0	ug/L	0.18
2-Hexanone	ND	5.0	ug/L	0.53
Isopropylbenzene	**0.23 J**	**1.0**	**ug/L**	**0.22**
Methyl acetate	ND	1.0	ug/L	0.10
Methylene chloride	ND	1.0	ug/L	0.32
Methylcyclohexane	**0.57 J**	**1.0**	**ug/L**	**0.32**
4-Methyl-2-pentanone	ND	5.0	ug/L	0.23
Methyl tert-butyl ether	ND	1.0	ug/L	0.20

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AECOM, Inc

Client Sample ID: MW-1

GC/MS Volatiles

Lot-Sample #...: C8L100288-002 Work Order #...: K4FM71AH Matrix.....: WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Styrene	ND	1.0	ug/L	0.22
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.15
1,2,4-Trichloro-benzene	ND	1.0	ug/L	0.15
Tetrachloroethene	ND	1.0	ug/L	0.24
1,1,1-Trichloroethane	ND	1.0	ug/L	0.25
1,1,2-Trichloroethane	ND	1.0	ug/L	0.20
Trichloroethene	ND	1.0	ug/L	0.29
Trichlorofluoromethane	ND	1.0	ug/L	0.080
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L	0.30
Toluene	ND	1.0	ug/L	0.23
Vinyl chloride	ND	1.0	ug/L	0.29
Xylenes (total)	**1.5 J**	**3.0**	**ug/L**	**0.62**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	104	(71 - 118)
1,2-Dichloroethane-d4	96	(64 - 135)
4-Bromofluorobenzene	102	(70 - 118)
Dibromofluoromethane	99	(70 - 128)

NOTE(S):

J Estimated result. Result is less than RL.

AECOM, Inc

Client Sample ID: MW-1D

GC/MS Volatiles

Lot-Sample #...: C8L100288-003	Work Order #...: K4FM91AH	Matrix.....: WG
Date Sampled...: 12/09/08	Date Received..: 12/10/08	MS Run #.....: 8353187
Prep Date.....: 12/18/08	Analysis Date..: 12/18/08	
Prep Batch #...: 8353293	Analysis Time..: 13:46	
Dilution Factor: 1000	Initial Wgt/Vol: 5 mL	Final Wgt/Vol..: 5 mL
Analyst ID.....: 001562	Instrument ID..: HP5	
	Method.....: SW846 8260B	

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	5000	ug/L	2500
Benzene	**11000**	**1000**	**ug/L**	**270**
Bromodichloromethane	ND	1000	ug/L	200
Bromoform	ND	1000	ug/L	250
Bromomethane	ND	1000	ug/L	300
2-Butanone	ND	5000	ug/L	500
Carbon disulfide	ND	1000	ug/L	200
Carbon tetrachloride	ND	1000	ug/L	300
Chlorobenzene	ND	1000	ug/L	230
Chloroethane	ND	1000	ug/L	250
Chloroform	ND	1000	ug/L	240
Chloromethane	ND	1000	ug/L	270
Cyclohexane	ND	1000	ug/L	300
Dibromochloromethane	ND	1000	ug/L	160
1,2-Dibromo-3-chloro-propane	ND	1000	ug/L	240
1,2-Dibromoethane	ND	1000	ug/L	230
1,3-Dichlorobenzene	ND	1000	ug/L	160
1,4-Dichlorobenzene	ND	1000	ug/L	180
1,2-Dichlorobenzene	ND	1000	ug/L	220
Dichlorodifluoromethane	ND	1000	ug/L	260
1,1-Dichloroethane	ND	1000	ug/L	240
1,2-Dichloroethane	ND	1000	ug/L	210
1,1-Dichloroethene	ND	1000	ug/L	280
cis-1,2-Dichloroethene	ND	1000	ug/L	270
trans-1,2-Dichloroethene	ND	1000	ug/L	270
1,2-Dichloropropane	ND	1000	ug/L	180
cis-1,3-Dichloropropene	ND	1000	ug/L	190
trans-1,3-Dichloropropene	ND	1000	ug/L	180
Ethylbenzene	ND	1000	ug/L	180
2-Hexanone	ND	5000	ug/L	530
Isopropylbenzene	ND	1000	ug/L	220
Methyl acetate	ND	1000	ug/L	100
Methylene chloride	~~320 J~~ 1000 U	**1000**	**ug/L**	**320**
Methylcyclohexane	ND	1000	ug/L	320
4-Methyl-2-pentanone	ND	5000	ug/L	230
Methyl tert-butyl ether	ND	1000	ug/L	200

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AECOM, Inc

Client Sample ID: MW-1D

GC/MS Volatiles

Lot-Sample #...: C8L100288-003 Work Order #...: K4FM91AH Matrix.....: WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Styrene	ND	1000	ug/L	220
1,1,2,2-Tetrachloroethane	ND	1000	ug/L	150
1,2,4-Trichloro-benzene	ND	1000	ug/L	150
Tetrachloroethene	ND	1000	ug/L	240
1,1,1-Trichloroethane	ND	1000	ug/L	250
1,1,2-Trichloroethane	ND	1000	ug/L	200
Trichloroethene	ND	1000	ug/L	290
Trichlorofluoromethane	ND	1000	ug/L	80
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1000	ug/L	300
Toluene	ND	1000	ug/L	230
Vinyl chloride	ND	1000	ug/L	290
Xylenes (total)	ND	3000	ug/L	620

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	103	(71 - 118)
1,2-Dichloroethane-d4	93	(64 - 135)
4-Bromofluorobenzene	104	(70 - 118)
Dibromofluoromethane	99	(70 - 128)

NOTE(S):

J Estimated result. Result is less than RL.

AECOM, Inc

Client Sample ID: MW-10

GC/MS Volatiles

Lot-Sample #...: C8L100288-004	Work Order #...: K4FNA1AH	Matrix.....: WG
Date Sampled...: 12/09/08	Date Received..: 12/10/08	MS Run #.....: 8352329
Prep Date.....: 12/17/08	Analysis Date..: 12/17/08	
Prep Batch #...: 8352472	Analysis Time..: 16:14	
Dilution Factor: 1	Initial Wgt/Vol: 5 mL	Final Wgt/Vol..: 5 mL
Analyst ID.....: 403794	Instrument ID..: HP5	
	Method.....: SW846 8260B	

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	5.0	ug/L	2.5
Benzene	ND	1.0	ug/L	0.27
Bromodichloromethane	ND	1.0	ug/L	0.20
Bromoform	ND	1.0	ug/L	0.25
Bromomethane	ND	1.0	ug/L	0.30
2-Butanone	ND	5.0	ug/L	0.50
Carbon disulfide	ND	1.0	ug/L	0.20
Carbon tetrachloride	ND	1.0	ug/L	0.30
Chlorobenzene	ND	1.0	ug/L	0.23
Chloroethane	ND	1.0	ug/L	0.25
Chloroform	**1.2**	**1.0**	**ug/L**	**0.24**
Chloromethane	ND	1.0	ug/L	0.27
Cyclohexane	ND	1.0	ug/L	0.30
Dibromochloromethane	ND	1.0	ug/L	0.16
1,2-Dibromo-3-chloro-propane	ND	1.0	ug/L	0.24
1,2-Dibromoethane	ND	1.0	ug/L	0.23
1,3-Dichlorobenzene	ND	1.0	ug/L	0.16
1,4-Dichlorobenzene	ND	1.0	ug/L	0.18
1,2-Dichlorobenzene	ND	1.0	ug/L	0.22
Dichlorodifluoromethane	ND	1.0	ug/L	0.26
1,1-Dichloroethane	ND	1.0	ug/L	0.24
1,2-Dichloroethane	ND	1.0	ug/L	0.21
1,1-Dichloroethene	ND	1.0	ug/L	0.28
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.27
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.27
1,2-Dichloropropane	ND	1.0	ug/L	0.18
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.19
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.18
Ethylbenzene	ND	1.0	ug/L	0.18
2-Hexanone	ND	5.0	ug/L	0.53
Isopropylbenzene	ND	1.0	ug/L	0.22
Methyl acetate	ND	1.0	ug/L	0.10
Methylene chloride	ND	1.0	ug/L	0.32
Methylcyclohexane	ND	1.0	ug/L	0.32
4-Methyl-2-pentanone	ND	5.0	ug/L	0.23
Methyl tert-butyl ether	ND	1.0	ug/L	0.20

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AECOM, Inc

Client Sample ID: MW-10

GC/MS Volatiles

Lot-Sample #...: C8L100288-004 Work Order #...: K4FNA1AH Matrix.....: WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Styrene	ND	1.0	ug/L	0.22
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.15
1,2,4-Trichloro-benzene	ND	1.0	ug/L	0.15
Tetrachloroethene	ND	1.0	ug/L	0.24
1,1,1-Trichloroethane	ND	1.0	ug/L	0.25
1,1,2-Trichloroethane	ND	1.0	ug/L	0.20
Trichloroethene	ND	1.0	ug/L	0.29
Trichlorofluoromethane	ND	1.0	ug/L	0.080
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L	0.30
Toluene	ND	1.0	ug/L	0.23
Vinyl chloride	ND	1.0	ug/L	0.29
Xylenes (total)	ND	3.0	ug/L	0.62

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	108	(71 - 118)
1,2-Dichloroethane-d4	94	(64 - 135)
4-Bromofluorobenzene	109	(70 - 118)
Dibromofluoromethane	99	(70 - 128)

AECOM, Inc

Client Sample ID: MW-2

GC/MS Volatiles

Lot-Sample #...: C8L100288-005	Work Order #...: K4FNG1AH	Matrix.....: WG
Date Sampled...: 12/09/08	Date Received..: 12/10/08	MS Run #.....: 8353187
Prep Date.....: 12/18/08	Analysis Date..: 12/18/08	
Prep Batch #...: 8353293	Analysis Time..: 09:32	
Dilution Factor: 1	Initial Wgt/Vol: 5 mL	Final Wgt/Vol..: 5 mL
Analyst ID.....: 001562	Instrument ID..: HP5	
	Method.....: SW846 8260B	

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	5.0	ug/L	2.5
Benzene	ND	1.0	ug/L	0.27
Bromodichloromethane	ND	1.0	ug/L	0.20
Bromoform	ND	1.0	ug/L	0.25
Bromomethane	ND	1.0	ug/L	0.30
2-Butanone	ND	5.0	ug/L	0.50
Carbon disulfide	ND	1.0	ug/L	0.20
Carbon tetrachloride	ND	1.0	ug/L	0.30
Chlorobenzene	ND	1.0	ug/L	0.23
Chloroethane	ND	1.0	ug/L	0.25
Chloroform	ND	1.0	ug/L	0.24
Chloromethane	ND	1.0	ug/L	0.27
Cyclohexane	ND	1.0	ug/L	0.30
Dibromochloromethane	ND	1.0	ug/L	0.16
1,2-Dibromo-3-chloro-propane	ND	1.0	ug/L	0.24
1,2-Dibromoethane	ND	1.0	ug/L	0.23
1,3-Dichlorobenzene	ND	1.0	ug/L	0.16
1,4-Dichlorobenzene	ND	1.0	ug/L	0.18
1,2-Dichlorobenzene	ND	1.0	ug/L	0.22
Dichlorodifluoromethane	ND	1.0	ug/L	0.26
1,1-Dichloroethane	ND	1.0	ug/L	0.24
1,2-Dichloroethane	ND	1.0	ug/L	0.21
1,1-Dichloroethene	ND	1.0	ug/L	0.28
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.27
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.27
1,2-Dichloropropane	ND	1.0	ug/L	0.18
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.19
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.18
Ethylbenzene	ND	1.0	ug/L	0.18
2-Hexanone	ND	5.0	ug/L	0.53
Isopropylbenzene	ND	1.0	ug/L	0.22
Methyl acetate	ND	1.0	ug/L	0.10
Methylene chloride	ND	1.0	ug/L	0.32
Methylcyclohexane	ND	1.0	ug/L	0.32
4-Methyl-2-pentanone	ND	5.0	ug/L	0.23
Methyl tert-butyl ether	ND	1.0	ug/L	0.20

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AECOM, Inc

Client Sample ID: MW-2

GC/MS Volatiles

Lot-Sample #...: C8L100288-005 Work Order #...: K4FNG1AH Matrix.....: WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Styrene	ND	1.0	ug/L	0.22
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.15
1,2,4-Trichloro-benzene	ND	1.0	ug/L	0.15
Tetrachloroethene	ND	1.0	ug/L	0.24
1,1,1-Trichloroethane	ND	1.0	ug/L	0.25
1,1,2-Trichloroethane	ND	1.0	ug/L	0.20
Trichloroethene	ND	1.0	ug/L	0.29
Trichlorofluoromethane	ND	1.0	ug/L	0.080
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L	0.30
Toluene	ND	1.0	ug/L	0.23
Vinyl chloride	ND	1.0	ug/L	0.29
Xylenes (total)	ND	3.0	ug/L	0.62

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	107	(71 - 118)
1,2-Dichloroethane-d4	102	(64 - 135)
4-Bromofluorobenzene	108	(70 - 118)
Dibromofluoromethane	99	(70 - 128)

AECOM, Inc

Client Sample ID: MW-3

GC/MS Volatiles

Lot-Sample #...: C8L100288-006	Work Order #...: K4FPE1AH	Matrix.....: WG
Date Sampled...: 12/09/08	Date Received..: 12/10/08	MS Run #.....: 8352329
Prep Date.....: 12/17/08	Analysis Date..: 12/17/08	
Prep Batch #...: 8352472	Analysis Time..: 23:55	
Dilution Factor: 1	Initial Wgt/Vol: 5 mL	Final Wgt/Vol..: 5 mL
Analyst ID.....: 403794	Instrument ID..: HP5	
	Method.....: SW846 8260B	

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	5.0	ug/L	2.5
Benzene	ND	1.0	ug/L	0.27
Bromodichloromethane	ND	1.0	ug/L	0.20
Bromoform	ND	1.0	ug/L	0.25
Bromomethane	ND	1.0	ug/L	0.30
2-Butanone	ND	5.0	ug/L	0.50
Carbon disulfide	ND	1.0	ug/L	0.20
Carbon tetrachloride	ND	1.0	ug/L	0.30
Chlorobenzene	ND	1.0	ug/L	0.23
Chloroethane	ND	1.0	ug/L	0.25
Chloroform	ND	1.0	ug/L	0.24
Chloromethane	ND	1.0	ug/L	0.27
Cyclohexane	ND	1.0	ug/L	0.30
Dibromochloromethane	ND	1.0	ug/L	0.16
1,2-Dibromo-3-chloro-propane	ND	1.0	ug/L	0.24
1,2-Dibromoethane	ND	1.0	ug/L	0.23
1,3-Dichlorobenzene	ND	1.0	ug/L	0.16
1,4-Dichlorobenzene	ND	1.0	ug/L	0.18
1,2-Dichlorobenzene	ND	1.0	ug/L	0.22
Dichlorodifluoromethane	ND	1.0	ug/L	0.26
1,1-Dichloroethane	ND	1.0	ug/L	0.24
1,2-Dichloroethane	ND	1.0	ug/L	0.21
1,1-Dichloroethene	ND	1.0	ug/L	0.28
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.27
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.27
1,2-Dichloropropane	ND	1.0	ug/L	0.18
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.19
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.18
Ethylbenzene	ND	1.0	ug/L	0.18
2-Hexanone	ND	5.0	ug/L	0.53
Isopropylbenzene	ND	1.0	ug/L	0.22
Methyl acetate	ND	1.0	ug/L	0.10
Methylene chloride	ND	1.0	ug/L	0.32
Methylcyclohexane	ND	1.0	ug/L	0.32
4-Methyl-2-pentanone	ND	5.0	ug/L	0.23
Methyl tert-butyl ether	ND	1.0	ug/L	0.20

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AECOM, Inc

Client Sample ID: MW-3

GC/MS Volatiles

Lot-Sample #...: C8L100288-006 Work Order #...: K4FPE1AH Matrix.....: WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Styrene	ND	1.0	ug/L	0.22
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.15
1,2,4-Trichloro-benzene	ND	1.0	ug/L	0.15
Tetrachloroethene	ND	1.0	ug/L	0.24
1,1,1-Trichloroethane	ND	1.0	ug/L	0.25
1,1,2-Trichloroethane	ND	1.0	ug/L	0.20
Trichloroethene	ND	1.0	ug/L	0.29
Trichlorofluoromethane	ND	1.0	ug/L	0.080
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L	0.30
Toluene	ND	1.0	ug/L	0.23
Vinyl chloride	ND	1.0	ug/L	0.29
Xylenes (total)	ND	3.0	ug/L	0.62

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	108	(71 - 118)
1,2-Dichloroethane-d4	100	(64 - 135)
4-Bromofluorobenzene	103	(70 - 118)
Dibromofluoromethane	103	(70 - 128)

AECOM, Inc

Client Sample ID: MW-5

GC/MS Volatiles

Lot-Sample #...: C8L100288-007	Work Order #...: K4FPF1AH	Matrix.....: WG
Date Sampled...: 12/09/08	Date Received..: 12/10/08	MS Run #.....: 8352329
Prep Date.....: 12/17/08	Analysis Date..: 12/18/08	
Prep Batch #...: 8352472	Analysis Time..: 00:18	
Dilution Factor: 1	Initial Wgt/Vol: 5 mL	Final Wgt/Vol..: 5 mL
Analyst ID.....: 403794	Instrument ID..: HP5	
	Method.....: SW846 8260B	

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	5.0	ug/L	2.5
Benzene	ND	1.0	ug/L	0.27
Bromodichloromethane	ND	1.0	ug/L	0.20
Bromoform	ND	1.0	ug/L	0.25
Bromomethane	ND	1.0	ug/L	0.30
2-Butanone	ND	5.0	ug/L	0.50
Carbon disulfide	ND	1.0	ug/L	0.20
Carbon tetrachloride	ND	1.0	ug/L	0.30
Chlorobenzene	ND	1.0	ug/L	0.23
Chloroethane	ND	1.0	ug/L	0.25
Chloroform	ND	1.0	ug/L	0.24
Chloromethane	ND	1.0	ug/L	0.27
Cyclohexane	ND	1.0	ug/L	0.30
Dibromochloromethane	ND	1.0	ug/L	0.16
1,2-Dibromo-3-chloro-propane	ND	1.0	ug/L	0.24
1,2-Dibromoethane	ND	1.0	ug/L	0.23
1,3-Dichlorobenzene	ND	1.0	ug/L	0.16
1,4-Dichlorobenzene	ND	1.0	ug/L	0.18
1,2-Dichlorobenzene	ND	1.0	ug/L	0.22
Dichlorodifluoromethane	ND	1.0	ug/L	0.26
1,1-Dichloroethane	ND	1.0	ug/L	0.24
1,2-Dichloroethane	ND	1.0	ug/L	0.21
1,1-Dichloroethene	ND	1.0	ug/L	0.28
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.27
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.27
1,2-Dichloropropane	ND	1.0	ug/L	0.18
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.19
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.18
Ethylbenzene	ND	1.0	ug/L	0.18
2-Hexanone	ND	5.0	ug/L	0.53
Isopropylbenzene	ND	1.0	ug/L	0.22
Methyl acetate	ND	1.0	ug/L	0.10
Methylene chloride	ND	1.0	ug/L	0.32
Methylcyclohexane	ND	1.0	ug/L	0.32
4-Methyl-2-pentanone	ND	5.0	ug/L	0.23
Methyl tert-butyl ether	ND	1.0	ug/L	0.20

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AECOM, Inc

Client Sample ID: MW-5

GC/MS Volatiles

Lot-Sample #...: C8L100288-007 Work Order #...: K4FPF1AH Matrix.....: WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Styrene	ND	1.0	ug/L	0.22
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.15
1,2,4-Trichloro-benzene	ND	1.0	ug/L	0.15
Tetrachloroethene	ND	1.0	ug/L	0.24
1,1,1-Trichloroethane	ND	1.0	ug/L	0.25
1,1,2-Trichloroethane	ND	1.0	ug/L	0.20
Trichloroethene	ND	1.0	ug/L	0.29
Trichlorofluoromethane	ND	1.0	ug/L	0.080
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L	0.30
Toluene	ND	1.0	ug/L	0.23
Vinyl chloride	ND	1.0	ug/L	0.29
Xylenes (total)	ND	3.0	ug/L	0.62

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	107	(71 - 118)
1,2-Dichloroethane-d4	99	(64 - 135)
4-Bromofluorobenzene	109	(70 - 118)
Dibromofluoromethane	101	(70 - 128)

AECOM, Inc

Client Sample ID: MW-11D

GC/MS Volatiles

Lot-Sample #...: C8L100288-008	Work Order #...: K4FPG1AH	Matrix.....: WG
Date Sampled...: 12/09/08	Date Received..: 12/10/08	MS Run #.....: 8353187
Prep Date.....: 12/18/08	Analysis Date..: 12/18/08	
Prep Batch #...: 8353293	Analysis Time..: 14:09	
Dilution Factor: 25	Initial Wgt/Vol: 5 mL	Final Wgt/Vol..: 5 mL
Analyst ID.....: 001562	Instrument ID..: HP5	
	Method.....: SW846 8260B	

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	120	ug/L	62
Benzene	**210**	**25**	**ug/L**	**6.8**
Bromodichloromethane	ND	25	ug/L	5.0
Bromoform	ND	25	ug/L	6.1
Bromomethane	ND	25	ug/L	7.6
2-Butanone	ND	120	ug/L	12
Carbon disulfide	ND	25	ug/L	4.9
Carbon tetrachloride	ND	25	ug/L	7.6
Chlorobenzene	ND	25	ug/L	5.6
Chloroethane	ND	25	ug/L	6.2
Chloroform	ND	25	ug/L	6.0
Chloromethane	ND	25	ug/L	6.7
Cyclohexane	ND	25	ug/L	7.4
Dibromochloromethane	ND	25	ug/L	4.1
1,2-Dibromo-3-chloro-propane	ND	25	ug/L	6.0
1,2-Dibromoethane	ND	25	ug/L	5.7
1,3-Dichlorobenzene	ND	25	ug/L	4.1
1,4-Dichlorobenzene	ND	25	ug/L	4.4
1,2-Dichlorobenzene	ND	25	ug/L	5.4
Dichlorodifluoromethane	ND	25	ug/L	6.5
1,1-Dichloroethane	ND	25	ug/L	6.1
1,2-Dichloroethane	ND	25	ug/L	5.4
1,1-Dichloroethene	ND	25	ug/L	7.0
cis-1,2-Dichloroethene	ND	25	ug/L	6.8
trans-1,2-Dichloroethene	ND	25	ug/L	6.8
1,2-Dichloropropane	ND	25	ug/L	4.5
cis-1,3-Dichloropropene	ND	25	ug/L	4.9
trans-1,3-Dichloropropene	ND	25	ug/L	4.6
Ethylbenzene	**8.5 J**	**25**	**ug/L**	**4.5**
2-Hexanone	ND	120	ug/L	13
Isopropylbenzene	**64**	**25**	**ug/L**	**5.6**
Methyl acetate	ND	25	ug/L	2.6
Methylene chloride	**8.9 J**	**25**	**ug/L**	**7.9**
Methylcyclohexane	ND	25	ug/L	7.9
4-Methyl-2-pentanone	ND	120	ug/L	5.6
Methyl tert-butyl ether	ND	25	ug/L	5.0

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AECOM, Inc

Client Sample ID: MW-11D

GC/MS Volatiles

Lot-Sample #...: C8L100288-008 Work Order #...: K4FPG1AH Matrix.....: WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Styrene	ND	25	ug/L	5.4
1,1,2,2-Tetrachloroethane	ND	25	ug/L	3.8
1,2,4-Trichloro-benzene	ND	25	ug/L	3.8
Tetrachloroethene	ND	25	ug/L	5.9
1,1,1-Trichloroethane	ND	25	ug/L	6.3
1,1,2-Trichloroethane	ND	25	ug/L	4.9
Trichloroethene	ND	25	ug/L	7.3
Trichlorofluoromethane	ND	25	ug/L	2.0
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	25	ug/L	7.5
Toluene	ND	25	ug/L	5.8
Vinyl chloride	ND	25	ug/L	7.3
Xylenes (total)	**490**	**75**	**ug/L**	**15**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	106	(71 - 118)
1,2-Dichloroethane-d4	93	(64 - 135)
4-Bromofluorobenzene	102	(70 - 118)
Dibromofluoromethane	102	(70 - 128)

NOTE(S):

J Estimated result. Result is less than RL.

AECOM, Inc

Client Sample ID: MW-6

GC/MS Volatiles

Lot-Sample #...: C8L100288-009	Work Order #...: K4FPJ1AA	Matrix.....: WG
Date Sampled...: 12/09/08	Date Received..: 12/10/08	MS Run #.....: 8353187
Prep Date.....: 12/18/08	Analysis Date..: 12/18/08	
Prep Batch #...: 8353293	Analysis Time..: 16:28	
Dilution Factor: 1	Initial Wgt/Vol: 5 mL	Final Wgt/Vol..: 5 mL
Analyst ID.....: 403794	Instrument ID..: HP5	
	Method.....: SW846 8260B	

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	5.0	ug/L	2.5
Benzene	ND	1.0	ug/L	0.27
Bromodichloromethane	ND	1.0	ug/L	0.20
Bromoform	ND	1.0	ug/L	0.25
Bromomethane	ND	1.0	ug/L	0.30
2-Butanone	ND	5.0	ug/L	0.50
Carbon disulfide	ND	1.0	ug/L	0.20
Carbon tetrachloride	ND	1.0	ug/L	0.30
Chlorobenzene	ND	1.0	ug/L	0.23
Chloroethane	ND	1.0	ug/L	0.25
Chloroform	ND	1.0	ug/L	0.24
Chloromethane	ND	1.0	ug/L	0.27
Cyclohexane	ND	1.0	ug/L	0.30
Dibromochloromethane	ND	1.0	ug/L	0.16
1,2-Dibromo-3-chloro-propane	ND	1.0	ug/L	0.24
1,2-Dibromoethane	ND	1.0	ug/L	0.23
1,3-Dichlorobenzene	**0.26 J**	**1.0**	**ug/L**	**0.16**
1,4-Dichlorobenzene	ND	1.0	ug/L	0.18
1,2-Dichlorobenzene	ND	1.0	ug/L	0.22
Dichlorodifluoromethane	ND	1.0	ug/L	0.26
1,1-Dichloroethane	ND	1.0	ug/L	0.24
1,2-Dichloroethane	ND	1.0	ug/L	0.21
1,1-Dichloroethene	ND	1.0	ug/L	0.28
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.27
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.27
1,2-Dichloropropane	ND	1.0	ug/L	0.18
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.19
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.18
Ethylbenzene	ND	1.0	ug/L	0.18
2-Hexanone	ND	5.0	ug/L	0.53
Isopropylbenzene	ND	1.0	ug/L	0.22
Methyl acetate	ND	1.0	ug/L	0.10
Methylene chloride	ND	1.0	ug/L	0.32
Methylcyclohexane	ND	1.0	ug/L	0.32
4-Methyl-2-pentanone	ND	5.0	ug/L	0.23
Methyl tert-butyl ether	ND	1.0	ug/L	0.20

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AECOM, Inc

Client Sample ID: MW-6

GC/MS Volatiles

Lot-Sample #...: C8L100288-009 Work Order #...: K4FPJ1AA Matrix.....: WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Styrene	ND	1.0	ug/L	0.22
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.15
1,2,4-Trichloro-benzene	ND	1.0	ug/L	0.15
Tetrachloroethene	ND	1.0	ug/L	0.24
1,1,1-Trichloroethane	ND	1.0	ug/L	0.25
1,1,2-Trichloroethane	ND	1.0	ug/L	0.20
Trichloroethene	ND	1.0	ug/L	0.29
Trichlorofluoromethane	ND	1.0	ug/L	0.080
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L	0.30
Toluene	ND	1.0	ug/L	0.23
Vinyl chloride	ND	1.0	ug/L	0.29
Xylenes (total)	ND	3.0	ug/L	0.62

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	104	(71 - 118)
1,2-Dichloroethane-d4	95	(64 - 135)
4-Bromofluorobenzene	106	(70 - 118)
Dibromofluoromethane	100	(70 - 128)

NOTE(S):

J Estimated result. Result is less than RL.

AECOM, Inc

Client Sample ID: TRIP BLANK 120908

GC/MS Volatiles

Lot-Sample #...: C8L100288-010	Work Order #...: K4FPM1AA	Matrix.....: WQ
Date Sampled...: 12/09/08	Date Received..: 12/10/08	MS Run #.....: 8352329
Prep Date.....: 12/17/08	Analysis Date..: 12/17/08	
Prep Batch #...: 8352472	Analysis Time..: 16:38	
Dilution Factor: 1	Initial Wgt/Vol: 5 mL	Final Wgt/Vol..: 5 mL
Analyst ID.....: 403794	Instrument ID..: HP5	
	Method.....: SW846 8260B	

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	5.0	ug/L	2.5
Benzene	ND	1.0	ug/L	0.27
Bromodichloromethane	ND	1.0	ug/L	0.20
Bromoform	ND	1.0	ug/L	0.25
Bromomethane	ND	1.0	ug/L	0.30
2-Butanone	ND	5.0	ug/L	0.50
Carbon disulfide	ND	1.0	ug/L	0.20
Carbon tetrachloride	ND	1.0	ug/L	0.30
Chlorobenzene	ND	1.0	ug/L	0.23
Chloroethane	ND	1.0	ug/L	0.25
Chloroform	ND	1.0	ug/L	0.24
Chloromethane	ND	1.0	ug/L	0.27
Cyclohexane	ND	1.0	ug/L	0.30
Dibromochloromethane	ND	1.0	ug/L	0.16
1,2-Dibromo-3-chloro-propane	ND	1.0	ug/L	0.24
1,2-Dibromoethane	ND	1.0	ug/L	0.23
1,3-Dichlorobenzene	ND	1.0	ug/L	0.16
1,4-Dichlorobenzene	ND	1.0	ug/L	0.18
1,2-Dichlorobenzene	ND	1.0	ug/L	0.22
Dichlorodifluoromethane	ND	1.0	ug/L	0.26
1,1-Dichloroethane	ND	1.0	ug/L	0.24
1,2-Dichloroethane	ND	1.0	ug/L	0.21
1,1-Dichloroethene	ND	1.0	ug/L	0.28
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.27
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.27
1,2-Dichloropropane	ND	1.0	ug/L	0.18
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.19
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.18
Ethylbenzene	ND	1.0	ug/L	0.18
2-Hexanone	ND	5.0	ug/L	0.53
Isopropylbenzene	ND	1.0	ug/L	0.22
Methyl acetate	ND	1.0	ug/L	0.10
Methylene chloride	**0.42 J**	**1.0**	**ug/L**	**0.32**
Methylcyclohexane	ND	1.0	ug/L	0.32
4-Methyl-2-pentanone	ND	5.0	ug/L	0.23
Methyl tert-butyl ether	ND	1.0	ug/L	0.20

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AECOM, Inc

Client Sample ID: TRIP BLANK 120908

GC/MS Volatiles

Lot-Sample #...: C8L100288-010 Work Order #...: K4FPM1AA Matrix.....: WQ

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Styrene	ND	1.0	ug/L	0.22
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.15
1,2,4-Trichloro-benzene	ND	1.0	ug/L	0.15
Tetrachloroethene	ND	1.0	ug/L	0.24
1,1,1-Trichloroethane	ND	1.0	ug/L	0.25
1,1,2-Trichloroethane	ND	1.0	ug/L	0.20
Trichloroethene	ND	1.0	ug/L	0.29
Trichlorofluoromethane	ND	1.0	ug/L	0.080
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L	0.30
Toluene	ND	1.0	ug/L	0.23
Vinyl chloride	ND	1.0	ug/L	0.29
Xylenes (total)	ND	3.0	ug/L	0.62

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	106	(71 - 118)
1,2-Dichloroethane-d4	95	(64 - 135)
4-Bromofluorobenzene	106	(70 - 118)
Dibromofluoromethane	101	(70 - 128)

NOTE(S):

J Estimated result. Result is less than RL.

AECOM, Inc

Client Sample ID: MW-12

GC/MS Volatiles

Lot-Sample #...: C8L110371-002	Work Order #...: K4J251AA	Matrix.....: WG
Date Sampled...: 12/10/08	Date Received..: 12/11/08	MS Run #.....: 8356031
Prep Date.....: 12/21/08	Analysis Date..: 12/21/08	
Prep Batch #...: 8356039	Analysis Time..: 12:58	
Dilution Factor: 1	Initial Wgt/Vol: 5 mL	Final Wgt/Vol..: 5 mL
Analyst ID.....: 001562	Instrument ID..: HP5	
	Method.....: SW846 8260B	

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	5.0	ug/L	2.5
Benzene	**0.35 J**	**1.0**	**ug/L**	**0.27**
Bromodichloromethane	ND	1.0	ug/L	0.20
Bromoform	ND	1.0	ug/L	0.25
Bromomethane	ND	1.0	ug/L	0.30
2-Butanone	ND	5.0	ug/L	0.50
Carbon disulfide	**0.33 J**	**1.0**	**ug/L**	**0.20**
Carbon tetrachloride	ND	1.0	ug/L	0.30
Chlorobenzene	ND	1.0	ug/L	0.23
Chloroethane	ND	1.0	ug/L	0.25
Chloroform	ND	1.0	ug/L	0.24
Chloromethane	ND	1.0	ug/L	0.27
Cyclohexane	ND	1.0	ug/L	0.30
Dibromochloromethane	ND	1.0	ug/L	0.16
1,2-Dibromo-3-chloro-propane	ND	1.0	ug/L	0.24
1,2-Dibromoethane	ND	1.0	ug/L	0.23
1,3-Dichlorobenzene	ND	1.0	ug/L	0.16
1,4-Dichlorobenzene	ND	1.0	ug/L	0.18
1,2-Dichlorobenzene	ND	1.0	ug/L	0.22
Dichlorodifluoromethane	ND	1.0	ug/L	0.26
1,1-Dichloroethane	ND	1.0	ug/L	0.24
1,2-Dichloroethane	ND	1.0	ug/L	0.21
1,1-Dichloroethene	ND	1.0	ug/L	0.28
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.27
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.27
1,2-Dichloropropane	ND	1.0	ug/L	0.18
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.19
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.18
Ethylbenzene	ND	1.0	ug/L	0.18
2-Hexanone	ND	5.0	ug/L	0.53
Isopropylbenzene	ND	1.0	ug/L	0.22
Methyl acetate	ND	1.0	ug/L	0.10
Methylene chloride	ND	1.0	ug/L	0.32
Methylcyclohexane	ND	1.0	ug/L	0.32
4-Methyl-2-pentanone	ND	5.0	ug/L	0.23
Methyl tert-butyl ether	ND	1.0	ug/L	0.20

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AECOM, Inc

Client Sample ID: MW-12

GC/MS Volatiles

Lot-Sample #...: C8L110371-002 Work Order #...: K4J251AA Matrix.....: WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Styrene	ND	1.0	ug/L	0.22
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.15
1,2,4-Trichloro-benzene	ND	1.0	ug/L	0.15
Tetrachloroethene	ND	1.0	ug/L	0.24
1,1,1-Trichloroethane	ND	1.0	ug/L	0.25
1,1,2-Trichloroethane	ND	1.0	ug/L	0.20
Trichloroethene	ND	1.0	ug/L	0.29
Trichlorofluoromethane	ND	1.0	ug/L	0.080
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L	0.30
Toluene	ND	1.0	ug/L	0.23
Vinyl chloride	ND	1.0	ug/L	0.29
Xylenes (total)	**1.8 J**	**3.0**	**ug/L**	**0.62**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	101	(71 - 118)
1,2-Dichloroethane-d4	93	(64 - 135)
4-Bromofluorobenzene	102	(70 - 118)
Dibromofluoromethane	104	(70 - 128)

NOTE(S):

J Estimated result. Result is less than RL.

AECOM, Inc

Client Sample ID: MW-12D

GC/MS Volatiles

Lot-Sample #...: C8L110371-003	Work Order #...: K4J281AA	Matrix.....: WG
Date Sampled...: 12/10/08	Date Received..: 12/11/08	MS Run #.....: 8356031
Prep Date.....: 12/21/08	Analysis Date..: 12/21/08	
Prep Batch #...: 8356039	Analysis Time..: 16:28	
Dilution Factor: 100	Initial Wgt/Vol: 5 mL	Final Wgt/Vol..: 5 mL
Analyst ID.....: 001562	Instrument ID..: HP5	
	Method.....: SW846 8260B	

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	500	ug/L	250
Benzene	**1700**	**100**	**ug/L**	**27**
Bromodichloromethane	ND	100	ug/L	20
Bromoform	ND	100	ug/L	25
Bromomethane	ND	100	ug/L	30
2-Butanone	ND	500	ug/L	50
Carbon disulfide	ND	100	ug/L	20
Carbon tetrachloride	ND	100	ug/L	30
Chlorobenzene	ND	100	ug/L	23
Chloroethane	ND	100	ug/L	25
Chloroform	ND	100	ug/L	24
Chloromethane	ND	100	ug/L	27
Cyclohexane	ND	100	ug/L	30
Dibromochloromethane	ND	100	ug/L	16
1,2-Dibromo-3-chloro-propane	ND	100	ug/L	24
1,2-Dibromoethane	ND	100	ug/L	23
1,3-Dichlorobenzene	ND	100	ug/L	16
1,4-Dichlorobenzene	ND	100	ug/L	18
1,2-Dichlorobenzene	ND	100	ug/L	22
Dichlorodifluoromethane	ND	100	ug/L	26
1,1-Dichloroethane	ND	100	ug/L	24
1,2-Dichloroethane	ND	100	ug/L	21
1,1-Dichloroethene	ND	100	ug/L	28
cis-1,2-Dichloroethene	ND	100	ug/L	27
trans-1,2-Dichloroethene	ND	100	ug/L	27
1,2-Dichloropropane	ND	100	ug/L	18
cis-1,3-Dichloropropene	ND	100	ug/L	19
trans-1,3-Dichloropropene	ND	100	ug/L	18
Ethylbenzene	**1900**	**100**	**ug/L**	**18**
2-Hexanone	ND	500	ug/L	53
Isopropylbenzene	**100**	**100**	**ug/L**	**22**
Methyl acetate	ND	100	ug/L	10
Methylene chloride	ND	100	ug/L	32
Methylcyclohexane	ND	100	ug/L	32
4-Methyl-2-pentanone	ND	500	ug/L	23
Methyl tert-butyl ether	ND	100	ug/L	20

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AECOM, Inc

Client Sample ID: MW-12D

GC/MS Volatiles

Lot-Sample #...: C8L110371-003 Work Order #...: K4J281AA Matrix.....: WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Styrene	ND	100	ug/L	22
1,1,2,2-Tetrachloroethane	ND	100	ug/L	15
1,2,4-Trichloro-benzene	ND	100	ug/L	15
Tetrachloroethene	ND	100	ug/L	24
1,1,1-Trichloroethane	ND	100	ug/L	25
1,1,2-Trichloroethane	ND	100	ug/L	20
Trichloroethene	ND	100	ug/L	29
Trichlorofluoromethane	ND	100	ug/L	8.0
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	100	ug/L	30
Toluene	**170**	**100**	**ug/L**	**23**
Vinyl chloride	ND	100	ug/L	29
Xylenes (total)	**2700**	**300**	**ug/L**	**62**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	99	(71 - 118)
1,2-Dichloroethane-d4	93	(64 - 135)
4-Bromofluorobenzene	101	(70 - 118)
Dibromofluoromethane	107	(70 - 128)

AECOM, Inc

Client Sample ID: MW-7D

GC/MS Volatiles

Lot-Sample #...: C8L110371-004	Work Order #...: K4J291AA	Matrix.....: WG
Date Sampled...: 12/10/08	Date Received..: 12/11/08	MS Run #.....: 8356031
Prep Date.....: 12/21/08	Analysis Date..: 12/21/08	
Prep Batch #...: 8356039	Analysis Time..: 16:52	
Dilution Factor: 100	Initial Wgt/Vol: 5 mL	Final Wgt/Vol..: 5 mL
Analyst ID.....: 001562	Instrument ID..: HP5	
	Method.....: SW846 8260B	

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	500	ug/L	250
Benzene	**2500**	**100**	**ug/L**	**27**
Bromodichloromethane	ND	100	ug/L	20
Bromoform	ND	100	ug/L	25
Bromomethane	ND	100	ug/L	30
2-Butanone	ND	500	ug/L	50
Carbon disulfide	ND	100	ug/L	20
Carbon tetrachloride	ND	100	ug/L	30
Chlorobenzene	ND	100	ug/L	23
Chloroethane	ND	100	ug/L	25
Chloroform	ND	100	ug/L	24
Chloromethane	ND	100	ug/L	27
Cyclohexane	ND	100	ug/L	30
Dibromochloromethane	ND	100	ug/L	16
1,2-Dibromo-3-chloro-propane	ND	100	ug/L	24
1,2-Dibromoethane	ND	100	ug/L	23
1,3-Dichlorobenzene	ND	100	ug/L	16
1,4-Dichlorobenzene	ND	100	ug/L	18
1,2-Dichlorobenzene	ND	100	ug/L	22
Dichlorodifluoromethane	ND	100	ug/L	26
1,1-Dichloroethane	ND	100	ug/L	24
1,2-Dichloroethane	ND	100	ug/L	21
1,1-Dichloroethene	ND	100	ug/L	28
cis-1,2-Dichloroethene	ND	100	ug/L	27
trans-1,2-Dichloroethene	ND	100	ug/L	27
1,2-Dichloropropane	ND	100	ug/L	18
cis-1,3-Dichloropropene	ND	100	ug/L	19
trans-1,3-Dichloropropene	ND	100	ug/L	18
Ethylbenzene	**1300**	**100**	**ug/L**	**18**
2-Hexanone	ND	500	ug/L	53
Isopropylbenzene	**83 J**	**100**	**ug/L**	**22**
Methyl acetate	ND	100	ug/L	10
Methylene chloride	ND	100	ug/L	32
Methylcyclohexane	ND	100	ug/L	32
4-Methyl-2-pentanone	ND	500	ug/L	23
Methyl tert-butyl ether	ND	100	ug/L	20

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AECOM, Inc

Client Sample ID: MW-7D

GC/MS Volatiles

Lot-Sample #...: C8L110371-004 Work Order #...: K4J291AA Matrix.....: WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Styrene	**310**	**100**	**ug/L**	**22**
1,1,2,2-Tetrachloroethane	ND	100	ug/L	15
1,2,4-Trichloro-benzene	ND	100	ug/L	15
Tetrachloroethene	ND	100	ug/L	24
1,1,1-Trichloroethane	ND	100	ug/L	25
1,1,2-Trichloroethane	ND	100	ug/L	20
Trichloroethene	ND	100	ug/L	29
Trichlorofluoromethane	ND	100	ug/L	8.0
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	100	ug/L	30
Toluene	**1400**	**100**	**ug/L**	**23**
Vinyl chloride	ND	100	ug/L	29
Xylenes (total)	**2300**	**300**	**ug/L**	**62**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	98	(71 - 118)
1,2-Dichloroethane-d4	93	(64 - 135)
4-Bromofluorobenzene	100	(70 - 118)
Dibromofluoromethane	101	(70 - 128)

NOTE(S):

J Estimated result. Result is less than RL.

AECOM, Inc

Client Sample ID: MW-7

GC/MS Volatiles

Lot-Sample #...: C8L110371-005	Work Order #...: K4J3A1AA	Matrix.....: WG
Date Sampled...: 12/10/08	Date Received..: 12/11/08	MS Run #.....: 8355042
Prep Date.....: 12/20/08	Analysis Date..: 12/20/08	
Prep Batch #...: 8355067	Analysis Time..: 18:41	
Dilution Factor: 1	Initial Wgt/Vol: 5 mL	Final Wgt/Vol..: 5 mL
Analyst ID.....: 403794	Instrument ID..: HP5	
	Method.....: SW846 8260B	

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	5.0	ug/L	2.5
Benzene	ND	1.0	ug/L	0.27
Bromodichloromethane	ND	1.0	ug/L	0.20
Bromoform	ND	1.0	ug/L	0.25
Bromomethane	ND	1.0	ug/L	0.30
2-Butanone	ND	5.0	ug/L	0.50
Carbon disulfide	ND	1.0	ug/L	0.20
Carbon tetrachloride	ND	1.0	ug/L	0.30
Chlorobenzene	ND	1.0	ug/L	0.23
Chloroethane	ND	1.0	ug/L	0.25
Chloroform	ND	1.0	ug/L	0.24
Chloromethane	ND	1.0	ug/L	0.27
Cyclohexane	ND	1.0	ug/L	0.30
Dibromochloromethane	ND	1.0	ug/L	0.16
1,2-Dibromo-3-chloro-propane	ND	1.0	ug/L	0.24
1,2-Dibromoethane	ND	1.0	ug/L	0.23
1,3-Dichlorobenzene	ND	1.0	ug/L	0.16
1,4-Dichlorobenzene	ND	1.0	ug/L	0.18
1,2-Dichlorobenzene	ND	1.0	ug/L	0.22
Dichlorodifluoromethane	ND 1.0 UJ	1.0	ug/L	0.26
1,1-Dichloroethane	ND	1.0	ug/L	0.24
1,2-Dichloroethane	ND	1.0	ug/L	0.21
1,1-Dichloroethene	ND	1.0	ug/L	0.28
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.27
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.27
1,2-Dichloropropane	ND	1.0	ug/L	0.18
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.19
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.18
Ethylbenzene	ND	1.0	ug/L	0.18
2-Hexanone	ND	5.0	ug/L	0.53
Isopropylbenzene	ND	1.0	ug/L	0.22
Methyl acetate	ND	1.0	ug/L	0.10
Methylene chloride	ND	1.0	ug/L	0.32
Methylcyclohexane	ND	1.0	ug/L	0.32
4-Methyl-2-pentanone	ND	5.0	ug/L	0.23
Methyl tert-butyl ether	ND	1.0	ug/L	0.20

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AECOM, Inc

Client Sample ID: MW-7

GC/MS Volatiles

Lot-Sample #...: C8L110371-005 Work Order #...: K4J3A1AA Matrix.....: WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Styrene	ND	1.0	ug/L	0.22
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.15
1,2,4-Trichloro-benzene	ND	1.0	ug/L	0.15
Tetrachloroethene	ND	1.0	ug/L	0.24
1,1,1-Trichloroethane	ND	1.0	ug/L	0.25
1,1,2-Trichloroethane	ND	1.0	ug/L	0.20
Trichloroethene	ND	1.0	ug/L	0.29
Trichlorofluoromethane	ND	1.0	ug/L	0.080
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L	0.30
Toluene	ND	1.0	ug/L	0.23
Vinyl chloride	ND	1.0	ug/L	0.29
Xylenes (total)	ND	3.0	ug/L	0.62

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	102	(71 - 118)
1,2-Dichloroethane-d4	100	(64 - 135)
4-Bromofluorobenzene	102	(70 - 118)
Dibromofluoromethane	106	(70 - 128)

AECOM, Inc

Client Sample ID: CTM-14

GC/MS Volatiles

Lot-Sample #...: C8L110371-006	**Work Order #...:** K4J3C1AA	**Matrix.....:** WG
Date Sampled...: 12/10/08	**Date Received..:** 12/11/08	**MS Run #.....:** 8356031
Prep Date.....: 12/21/08	**Analysis Date..:** 12/21/08	
Prep Batch #...: 8356039	**Analysis Time..:** 09:47	
Dilution Factor: 1	**Initial Wgt/Vol:** 5 mL	**Final Wgt/Vol..:** 5 mL
Analyst ID.....: 001562	**Instrument ID..:** HP5	
	Method.....: SW846 8260B	

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	5.0	ug/L	2.5
Benzene	ND	1.0	ug/L	0.27
Bromodichloromethane	ND	1.0	ug/L	0.20
Bromoform	ND	1.0	ug/L	0.25
Bromomethane	ND	1.0	ug/L	0.30
2-Butanone	ND	5.0	ug/L	0.50
Carbon disulfide	ND	1.0	ug/L	0.20
Carbon tetrachloride	ND	1.0	ug/L	0.30
Chlorobenzene	ND	1.0	ug/L	0.23
Chloroethane	ND	1.0	ug/L	0.25
Chloroform	ND	1.0	ug/L	0.24
Chloromethane	ND	1.0	ug/L	0.27
Cyclohexane	ND	1.0	ug/L	0.30
Dibromochloromethane	ND	1.0	ug/L	0.16
1,2-Dibromo-3-chloro-propane	ND	1.0	ug/L	0.24
1,2-Dibromoethane	ND	1.0	ug/L	0.23
1,3-Dichlorobenzene	ND	1.0	ug/L	0.16
1,4-Dichlorobenzene	ND	1.0	ug/L	0.18
1,2-Dichlorobenzene	ND	1.0	ug/L	0.22
Dichlorodifluoromethane	ND	1.0	ug/L	0.26
1,1-Dichloroethane	ND	1.0	ug/L	0.24
1,2-Dichloroethane	ND	1.0	ug/L	0.21
1,1-Dichloroethene	ND	1.0	ug/L	0.28
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.27
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.27
1,2-Dichloropropane	ND	1.0	ug/L	0.18
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.19
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.18
Ethylbenzene	ND	1.0	ug/L	0.18
2-Hexanone	ND	5.0	ug/L	0.53
Isopropylbenzene	ND	1.0	ug/L	0.22
Methyl acetate	ND	1.0	ug/L	0.10
Methylene chloride	ND	1.0	ug/L	0.32
Methylcyclohexane	ND	1.0	ug/L	0.32
4-Methyl-2-pentanone	ND	5.0	ug/L	0.23
Methyl tert-butyl ether	ND	1.0	ug/L	0.20

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AECOM, Inc

Client Sample ID: CTM-14

GC/MS Volatiles

Lot-Sample #...: C8L110371-006 Work Order #...: K4J3C1AA Matrix.....: WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Styrene	ND	1.0	ug/L	0.22
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.15
1,2,4-Trichloro-benzene	ND	1.0	ug/L	0.15
Tetrachloroethene	ND	1.0	ug/L	0.24
1,1,1-Trichloroethane	ND	1.0	ug/L	0.25
1,1,2-Trichloroethane	ND	1.0	ug/L	0.20
Trichloroethene	ND	1.0	ug/L	0.29
Trichlorofluoromethane	ND	1.0	ug/L	0.080
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L	0.30
Toluene	ND	1.0	ug/L	0.23
Vinyl chloride	ND	1.0	ug/L	0.29
Xylenes (total)	ND	3.0	ug/L	0.62

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	99	(71 - 118)
1,2-Dichloroethane-d4	91	(64 - 135)
4-Bromofluorobenzene	103	(70 - 118)
Dibromofluoromethane	107	(70 - 128)

AECOM, Inc

Client Sample ID: CTM-MW-1

GC/MS Volatiles

Lot-Sample #...: C8L110371-007	Work Order #...: K4J3D1AA	Matrix.....: WG
Date Sampled...: 12/10/08	Date Received..: 12/11/08	MS Run #.....: 8356031
Prep Date.....: 12/21/08	Analysis Date..: 12/21/08	
Prep Batch #...: 8356039	Analysis Time..: 17:15	
Dilution Factor: 25	Initial Wgt/Vol: 5 mL	Final Wgt/Vol..: 5 mL
Analyst ID.....: 001562	Instrument ID..: HP5	
	Method.....: SW846 8260B	

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	120	ug/L	62
Benzene	**410**	**25**	**ug/L**	**6.8**
Bromodichloromethane	ND	25	ug/L	5.0
Bromoform	ND	25	ug/L	6.1
Bromomethane	ND	25	ug/L	7.6
2-Butanone	ND	120	ug/L	12
Carbon disulfide	ND	25	ug/L	4.9
Carbon tetrachloride	ND	25	ug/L	7.6
Chlorobenzene	ND	25	ug/L	5.6
Chloroethane	ND	25	ug/L	6.2
Chloroform	ND	25	ug/L	6.0
Chloromethane	ND	25	ug/L	6.7
Cyclohexane	ND	25	ug/L	7.4
Dibromochloromethane	ND	25	ug/L	4.1
1,2-Dibromo-3-chloro-propane	ND	25	ug/L	6.0
1,2-Dibromoethane	ND	25	ug/L	5.7
1,3-Dichlorobenzene	ND	25	ug/L	4.1
1,4-Dichlorobenzene	ND	25	ug/L	4.4
1,2-Dichlorobenzene	ND	25	ug/L	5.4
Dichlorodifluoromethane	ND	25	ug/L	6.5
1,1-Dichloroethane	ND	25	ug/L	6.1
1,2-Dichloroethane	ND	25	ug/L	5.4
1,1-Dichloroethene	ND	25	ug/L	7.0
cis-1,2-Dichloroethene	ND	25	ug/L	6.8
trans-1,2-Dichloroethene	ND	25	ug/L	6.8
1,2-Dichloropropane	ND	25	ug/L	4.5
cis-1,3-Dichloropropene	ND	25	ug/L	4.9
trans-1,3-Dichloropropene	ND	25	ug/L	4.6
Ethylbenzene	**150**	**25**	**ug/L**	**4.5**
2-Hexanone	ND	120	ug/L	13
Isopropylbenzene	**11 J**	**25**	**ug/L**	**5.6**
Methyl acetate	ND	25	ug/L	2.6
Methylene chloride	ND	25	ug/L	7.9
Methylcyclohexane	ND	25	ug/L	7.9
4-Methyl-2-pentanone	ND	120	ug/L	5.6
Methyl tert-butyl ether	ND	25	ug/L	5.0

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AECOM, Inc

Client Sample ID: CTM-MW-1

GC/MS Volatiles

Lot-Sample #...: C8L110371-007 Work Order #...: K4J3D1AA Matrix.....: WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Styrene	ND	25	ug/L	5.4
1,1,2,2-Tetrachloroethane	ND	25	ug/L	3.8
1,2,4-Trichloro-benzene	ND	25	ug/L	3.8
Tetrachloroethene	ND	25	ug/L	5.9
1,1,1-Trichloroethane	ND	25	ug/L	6.3
1,1,2-Trichloroethane	ND	25	ug/L	4.9
Trichloroethene	ND	25	ug/L	7.3
Trichlorofluoromethane	ND	25	ug/L	2.0
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	25	ug/L	7.5
Toluene	**38**	**25**	**ug/L**	**5.8**
Vinyl chloride	ND	25	ug/L	7.3
Xylenes (total)	**380**	**75**	**ug/L**	**15**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	99	(71 - 118)
1,2-Dichloroethane-d4	93	(64 - 135)
4-Bromofluorobenzene	99	(70 - 118)
Dibromofluoromethane	102	(70 - 128)

NOTE(S):

J Estimated result. Result is less than RL.

AECOM, Inc

Client Sample ID: MW-9

GC/MS Volatiles

Lot-Sample #...: C8L110371-008	Work Order #...: K4J3H1AA	Matrix.....: WG
Date Sampled...: 12/10/08	Date Received..: 12/11/08	MS Run #.....: 8355042
Prep Date.....: 12/20/08	Analysis Date..: 12/20/08	
Prep Batch #...: 8355067	Analysis Time..: 19:04	
Dilution Factor: 1	Initial Wgt/Vol: 5 mL	Final Wgt/Vol..: 5 mL
Analyst ID.....: 403794	Instrument ID..: HP5	
	Method.....: SW846 8260B	

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	5.0	ug/L	2.5
Benzene	ND	1.0	ug/L	0.27
Bromodichloromethane	ND	1.0	ug/L	0.20
Bromoform	ND	1.0	ug/L	0.25
Bromomethane	ND	1.0	ug/L	0.30
2-Butanone	ND	5.0	ug/L	0.50
Carbon disulfide	ND	1.0	ug/L	0.20
Carbon tetrachloride	ND	1.0	ug/L	0.30
Chlorobenzene	ND	1.0	ug/L	0.23
Chloroethane	ND	1.0	ug/L	0.25
Chloroform	ND	1.0	ug/L	0.24
Chloromethane	ND	1.0	ug/L	0.27
Cyclohexane	ND	1.0	ug/L	0.30
Dibromochloromethane	ND	1.0	ug/L	0.16
1,2-Dibromo-3-chloro-propane	ND	1.0	ug/L	0.24
1,2-Dibromoethane	ND	1.0	ug/L	0.23
1,3-Dichlorobenzene	ND	1.0	ug/L	0.16
1,4-Dichlorobenzene	ND	1.0	ug/L	0.18
1,2-Dichlorobenzene	ND	1.0	ug/L	0.22
Dichlorodifluoromethane	ND 1.0 UJ	1.0	ug/L	0.26
1,1-Dichloroethane	ND	1.0	ug/L	0.24
1,2-Dichloroethane	ND	1.0	ug/L	0.21
1,1-Dichloroethene	ND	1.0	ug/L	0.28
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.27
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.27
1,2-Dichloropropane	ND	1.0	ug/L	0.18
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.19
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.18
Ethylbenzene	ND	1.0	ug/L	0.18
2-Hexanone	ND	5.0	ug/L	0.53
Isopropylbenzene	ND	1.0	ug/L	0.22
Methyl acetate	ND	1.0	ug/L	0.10
Methylene chloride	ND	1.0	ug/L	0.32
Methylcyclohexane	ND	1.0	ug/L	0.32
4-Methyl-2-pentanone	ND	5.0	ug/L	0.23
Methyl tert-butyl ether	ND	1.0	ug/L	0.20

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AECOM, Inc

Client Sample ID: MW-9

GC/MS Volatiles

Lot-Sample #...: C8L110371-008 Work Order #...: K4J3H1AA Matrix.....: WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Styrene	ND	1.0	ug/L	0.22
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.15
1,2,4-Trichloro-benzene	ND	1.0	ug/L	0.15
Tetrachloroethene	ND	1.0	ug/L	0.24
1,1,1-Trichloroethane	ND	1.0	ug/L	0.25
1,1,2-Trichloroethane	ND	1.0	ug/L	0.20
Trichloroethene	ND	1.0	ug/L	0.29
Trichlorofluoromethane	ND	1.0	ug/L	0.080
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L	0.30
Toluene	ND	1.0	ug/L	0.23
Vinyl chloride	ND	1.0	ug/L	0.29
Xylenes (total)	ND	3.0	ug/L	0.62

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	99	(71 - 118)
1,2-Dichloroethane-d4	102	(64 - 135)
4-Bromofluorobenzene	102	(70 - 118)
Dibromofluoromethane	104	(70 - 128)

AECOM, Inc

Client Sample ID: MW-13D

GC/MS Volatiles

Lot-Sample #...: C8L110371-009	Work Order #...: K4J3J1AA	Matrix.....: WG
Date Sampled...: 12/10/08	Date Received..: 12/11/08	MS Run #.....: 8356031
Prep Date.....: 12/21/08	Analysis Date..: 12/21/08	
Prep Batch #...: 8356039	Analysis Time..: 17:38	
Dilution Factor: 50	Initial Wgt/Vol: 5 mL	Final Wgt/Vol..: 5 mL
Analyst ID.....: 001562	Instrument ID..: HP5	
	Method.....: SW846 8260B	

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	250	ug/L	120
Benzene	**140**	**50**	**ug/L**	**14**
Bromodichloromethane	ND	50	ug/L	10
Bromoform	ND	50	ug/L	12
Bromomethane	ND	50	ug/L	15
2-Butanone	ND	250	ug/L	25
Carbon disulfide	ND	50	ug/L	9.8
Carbon tetrachloride	ND	50	ug/L	15
Chlorobenzene	ND	50	ug/L	11
Chloroethane	ND	50	ug/L	12
Chloroform	ND	50	ug/L	12
Chloromethane	ND	50	ug/L	13
Cyclohexane	ND	50	ug/L	15
Dibromochloromethane	ND	50	ug/L	8.2
1,2-Dibromo-3-chloro-propane	ND	50	ug/L	12
1,2-Dibromoethane	ND	50	ug/L	11
1,3-Dichlorobenzene	ND	50	ug/L	8.2
1,4-Dichlorobenzene	ND	50	ug/L	8.9
1,2-Dichlorobenzene	ND	50	ug/L	11
Dichlorodifluoromethane	ND	50	ug/L	13
1,1-Dichloroethane	ND	50	ug/L	12
1,2-Dichloroethane	ND	50	ug/L	11
1,1-Dichloroethene	ND	50	ug/L	14
cis-1,2-Dichloroethene	ND	50	ug/L	14
trans-1,2-Dichloroethene	ND	50	ug/L	14
1,2-Dichloropropane	ND	50	ug/L	9.0
cis-1,3-Dichloropropene	ND	50	ug/L	9.7
trans-1,3-Dichloropropene	ND	50	ug/L	9.2
Ethylbenzene	**1200**	**50**	**ug/L**	**9.1**
2-Hexanone	ND	250	ug/L	27
Isopropylbenzene	**70**	**50**	**ug/L**	**11**
Methyl acetate	ND	50	ug/L	5.1
Methylene chloride	ND	50	ug/L	16
Methylcyclohexane	ND	50	ug/L	16
4-Methyl-2-pentanone	ND	250	ug/L	11
Methyl tert-butyl ether	ND	50	ug/L	10

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AECOM, Inc

Client Sample ID: MW-13D

GC/MS Volatiles

Lot-Sample #...: C8L110371-009 Work Order #...: K4J3J1AA Matrix.....: WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Styrene	ND	50	ug/L	11
1,1,2,2-Tetrachloroethane	ND	50	ug/L	7.7
1,2,4-Trichloro-benzene	ND	50	ug/L	7.5
Tetrachloroethene	ND	50	ug/L	12
1,1,1-Trichloroethane	ND	50	ug/L	13
1,1,2-Trichloroethane	ND	50	ug/L	9.8
Trichloroethene	ND	50	ug/L	15
Trichlorofluoromethane	ND	50	ug/L	4.0
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	50	ug/L	15
Toluene	**460**	**50**	**ug/L**	**12**
Vinyl chloride	ND	50	ug/L	15
Xylenes (total)	**1200**	**150**	**ug/L**	**31**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	100	(71 - 118)
1,2-Dichloroethane-d4	89	(64 - 135)
4-Bromofluorobenzene	99	(70 - 118)
Dibromofluoromethane	101	(70 - 128)

AECOM, Inc

Client Sample ID: TRIP BLANK

GC/MS Volatiles

Lot-Sample #...: C8L110371-010	Work Order #...: K4J3K1AA	Matrix.....: WQ
Date Sampled...: 12/10/08	Date Received..: 12/11/08	MS Run #.....: 8355042
Prep Date.....: 12/20/08	Analysis Date..: 12/20/08	
Prep Batch #...: 8355067	Analysis Time..: 18:18	
Dilution Factor: 1	Initial Wgt/Vol: 5 mL	Final Wgt/Vol..: 5 mL
Analyst ID.....: 403794	Instrument ID..: HP5	
	Method.....: SW846 8260B	

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	5.0	ug/L	2.5
Benzene	ND	1.0	ug/L	0.27
Bromodichloromethane	ND	1.0	ug/L	0.20
Bromoform	ND	1.0	ug/L	0.25
Bromomethane	ND	1.0	ug/L	0.30
2-Butanone	ND	5.0	ug/L	0.50
Carbon disulfide	ND	1.0	ug/L	0.20
Carbon tetrachloride	ND	1.0	ug/L	0.30
Chlorobenzene	ND	1.0	ug/L	0.23
Chloroethane	ND	1.0	ug/L	0.25
Chloroform	ND	1.0	ug/L	0.24
Chloromethane	ND	1.0	ug/L	0.27
Cyclohexane	ND	1.0	ug/L	0.30
Dibromochloromethane	ND	1.0	ug/L	0.16
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	0.24
1,2-Dibromoethane	ND	1.0	ug/L	0.23
1,3-Dichlorobenzene	ND	1.0	ug/L	0.16
1,4-Dichlorobenzene	ND	1.0	ug/L	0.18
1,2-Dichlorobenzene	ND	1.0	ug/L	0.22
Dichlorodifluoromethane	ND	1.0	ug/L	0.26
1,1-Dichloroethane	ND	1.0	ug/L	0.24
1,2-Dichloroethane	ND	1.0	ug/L	0.21
1,1-Dichloroethene	ND	1.0	ug/L	0.28
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.27
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.27
1,2-Dichloropropane	ND	1.0	ug/L	0.18
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.19
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.18
Ethylbenzene	ND	1.0	ug/L	0.18
2-Hexanone	ND	5.0	ug/L	0.53
Isopropylbenzene	ND	1.0	ug/L	0.22
Methyl acetate	ND	1.0	ug/L	0.10
Methylene chloride	ND	1.0	ug/L	0.32
Methylcyclohexane	ND	1.0	ug/L	0.32
4-Methyl-2-pentanone	ND	5.0	ug/L	0.23
Methyl tert-butyl ether	ND	1.0	ug/L	0.20

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AECOM, Inc

Client Sample ID: TRIP BLANK

GC/MS Volatiles

Lot-Sample #...: C8L110371-010 Work Order #...: K4J3K1AA Matrix.....: WQ

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Styrene	ND	1.0	ug/L	0.22
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.15
1,2,4-Trichloro-benzene	ND	1.0	ug/L	0.15
Tetrachloroethene	ND	1.0	ug/L	0.24
1,1,1-Trichloroethane	ND	1.0	ug/L	0.25
1,1,2-Trichloroethane	ND	1.0	ug/L	0.20
Trichloroethene	ND	1.0	ug/L	0.29
Trichlorofluoromethane	ND	1.0	ug/L	0.080
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L	0.30
Toluene	ND	1.0	ug/L	0.23
Vinyl chloride	ND	1.0	ug/L	0.29
Xylenes (total)	ND	3.0	ug/L	0.62

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	106	(71 - 118)
1,2-Dichloroethane-d4	101	(64 - 135)
4-Bromofluorobenzene	103	(70 - 118)
Dibromofluoromethane	103	(70 - 128)

AECOM, Inc

Client Sample ID: MW-16D

GC/MS Volatiles

Lot-Sample #...: C8L110371-011	Work Order #...: K4J3L1AA	Matrix.....: WG
Date Sampled...: 12/10/08	Date Received..: 12/11/08	MS Run #.....: 8357086
Prep Date.....: 12/22/08	Analysis Date..: 12/22/08	
Prep Batch #...: 8357129	Analysis Time..: 11:00	
Dilution Factor: 1	Initial Wgt/Vol: 5 mL	Final Wgt/Vol..: 5 mL
Analyst ID.....: 001562	Instrument ID..: HP5	
	Method.....: SW846 8260B	

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	5.0	ug/L	2.5
Benzene	ND	1.0	ug/L	0.27
Bromodichloromethane	ND	1.0	ug/L	0.20
Bromoform	ND	1.0	ug/L	0.25
Bromomethane	ND	1.0	ug/L	0.30
2-Butanone	ND	5.0	ug/L	0.50
Carbon disulfide	ND	1.0	ug/L	0.20
Carbon tetrachloride	ND	1.0	ug/L	0.30
Chlorobenzene	ND	1.0	ug/L	0.23
Chloroethane	ND	1.0	ug/L	0.25
Chloroform	ND	1.0	ug/L	0.24
Chloromethane	ND	1.0	ug/L	0.27
Cyclohexane	ND	1.0	ug/L	0.30
Dibromochloromethane	ND	1.0	ug/L	0.16
1,2-Dibromo-3-chloro-propane	ND	1.0	ug/L	0.24
1,2-Dibromoethane	ND	1.0	ug/L	0.23
1,3-Dichlorobenzene	ND	1.0	ug/L	0.16
1,4-Dichlorobenzene	ND	1.0	ug/L	0.18
1,2-Dichlorobenzene	ND	1.0	ug/L	0.22
Dichlorodifluoromethane	ND	1.0	ug/L	0.26
1,1-Dichloroethane	ND	1.0	ug/L	0.24
1,2-Dichloroethane	ND	1.0	ug/L	0.21
1,1-Dichloroethene	ND	1.0	ug/L	0.28
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.27
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.27
1,2-Dichloropropane	ND	1.0	ug/L	0.18
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.19
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.18
Ethylbenzene	ND	1.0	ug/L	0.18
2-Hexanone	ND	5.0	ug/L	0.53
Isopropylbenzene	ND	1.0	ug/L	0.22
Methyl acetate	ND	1.0	ug/L	0.10
Methylene chloride	ND	1.0	ug/L	0.32
Methylcyclohexane	ND	1.0	ug/L	0.32
4-Methyl-2-pentanone	ND	5.0	ug/L	0.23
Methyl tert-butyl ether	ND	1.0	ug/L	0.20

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AECOM, Inc

Client Sample ID: MW-16D

GC/MS Volatiles

Lot-Sample #...: C8L110371-011 Work Order #...: K4J3L1AA Matrix.....: WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Styrene	ND	1.0	ug/L	0.22
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.15
1,2,4-Trichloro-benzene	ND	1.0	ug/L	0.15
Tetrachloroethene	ND	1.0	ug/L	0.24
1,1,1-Trichloroethane	ND	1.0	ug/L	0.25
1,1,2-Trichloroethane	ND	1.0	ug/L	0.20
Trichloroethene	ND	1.0	ug/L	0.29
Trichlorofluoromethane	ND	1.0	ug/L	0.080
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L	0.30
Toluene	ND	1.0	ug/L	0.23
Vinyl chloride	ND	1.0	ug/L	0.29
Xylenes (total)	ND	3.0	ug/L	0.62

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	97	(71 - 118)
1,2-Dichloroethane-d4	95	(64 - 135)
4-Bromofluorobenzene	102	(70 - 118)
Dibromofluoromethane	102	(70 - 128)

AECOM, Inc

Client Sample ID: MW-1600D

GC/MS Volatiles

Lot-Sample #...: C8L110371-012	Work Order #...: K4J3M1AA	Matrix.....: WG
Date Sampled...: 12/10/08	Date Received..: 12/11/08	MS Run #.....: 8357086
Prep Date.....: 12/22/08	Analysis Date..: 12/22/08	
Prep Batch #...: 8357129	Analysis Time..: 11:24	
Dilution Factor: 1	Initial Wgt/Vol: 5 mL	Final Wgt/Vol..: 5 mL
Analyst ID.....: 001562	Instrument ID..: HP5	
	Method.....: SW846 8260B	

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	5.0	ug/L	2.5
Benzene	ND	1.0	ug/L	0.27
Bromodichloromethane	ND	1.0	ug/L	0.20
Bromoform	ND	1.0	ug/L	0.25
Bromomethane	ND	1.0	ug/L	0.30
2-Butanone	ND	5.0	ug/L	0.50
Carbon disulfide	ND	1.0	ug/L	0.20
Carbon tetrachloride	ND	1.0	ug/L	0.30
Chlorobenzene	ND	1.0	ug/L	0.23
Chloroethane	ND	1.0	ug/L	0.25
Chloroform	ND	1.0	ug/L	0.24
Chloromethane	ND	1.0	ug/L	0.27
Cyclohexane	ND	1.0	ug/L	0.30
Dibromochloromethane	ND	1.0	ug/L	0.16
1,2-Dibromo-3-chloro-propane	ND	1.0	ug/L	0.24
1,2-Dibromoethane	ND	1.0	ug/L	0.23
1,3-Dichlorobenzene	ND	1.0	ug/L	0.16
1,4-Dichlorobenzene	ND	1.0	ug/L	0.18
1,2-Dichlorobenzene	ND	1.0	ug/L	0.22
Dichlorodifluoromethane	ND	1.0	ug/L	0.26
1,1-Dichloroethane	ND	1.0	ug/L	0.24
1,2-Dichloroethane	ND	1.0	ug/L	0.21
1,1-Dichloroethene	ND	1.0	ug/L	0.28
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.27
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.27
1,2-Dichloropropane	ND	1.0	ug/L	0.18
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.19
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.18
Ethylbenzene	ND	1.0	ug/L	0.18
2-Hexanone	ND	5.0	ug/L	0.53
Isopropylbenzene	ND	1.0	ug/L	0.22
Methyl acetate	ND	1.0	ug/L	0.10
Methylene chloride	ND	1.0	ug/L	0.32
Methylcyclohexane	ND	1.0	ug/L	0.32
4-Methyl-2-pentanone	ND	5.0	ug/L	0.23
Methyl tert-butyl ether	ND	1.0	ug/L	0.20

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AECOM, Inc

Client Sample ID: MW-1600D

GC/MS Volatiles

Lot-Sample #...: C8L110371-012 Work Order #...: K4J3M1AA Matrix.....: WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Styrene	ND	1.0	ug/L	0.22
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.15
1,2,4-Trichloro-benzene	ND	1.0	ug/L	0.15
Tetrachloroethene	ND	1.0	ug/L	0.24
1,1,1-Trichloroethane	ND	1.0	ug/L	0.25
1,1,2-Trichloroethane	ND	1.0	ug/L	0.20
Trichloroethene	ND	1.0	ug/L	0.29
Trichlorofluoromethane	ND	1.0	ug/L	0.080
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L	0.30
Toluene	ND	1.0	ug/L	0.23
Vinyl chloride	ND	1.0	ug/L	0.29
Xylenes (total)	ND	3.0	ug/L	0.62

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	97	(71 - 118)
1,2-Dichloroethane-d4	98	(64 - 135)
4-Bromofluorobenzene	103	(70 - 118)
Dibromofluoromethane	104	(70 - 128)

AECOM, Inc

Client Sample ID: TRIP BLANK

GC/MS Volatiles

Lot-Sample #...: C8L120342-001	Work Order #...: K4MVP1AA	Matrix.....: WQ
Date Sampled...: 12/11/08	Date Received..: 12/12/08	MS Run #.....: 8356026
Prep Date.....: 12/21/08	Analysis Date..: 12/21/08	
Prep Batch #...: 8356033	Analysis Time..: 17:29	
Dilution Factor: 1	Initial Wgt/Vol: 5 mL	Final Wgt/Vol..: 5 mL
Analyst ID.....: 001562	Instrument ID..: HP6	
	Method.....: SW846 8260B	

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	**2.8 J**	**5.0**	**ug/L**	**2.5**
Benzene	ND	1.0	ug/L	0.27
Bromodichloromethane	ND	1.0	ug/L	0.20
Bromoform	ND	1.0	ug/L	0.25
Bromomethane	ND	1.0	ug/L	0.30
2-Butanone	ND 5.0 UJ	5.0	ug/L	0.50
Carbon disulfide	ND	1.0	ug/L	0.20
Carbon tetrachloride	ND	1.0	ug/L	0.30
Chlorobenzene	ND	1.0	ug/L	0.23
Chloroethane	ND	1.0	ug/L	0.25
Chloroform	ND	1.0	ug/L	0.24
Chloromethane	ND	1.0	ug/L	0.27
Cyclohexane	ND	1.0	ug/L	0.30
Dibromochloromethane	ND	1.0	ug/L	0.16
1,2-Dibromo-3-chloro-propane	ND 1.0 UJ	1.0	ug/L	0.24
1,2-Dibromoethane	ND	1.0	ug/L	0.23
1,3-Dichlorobenzene	ND	1.0	ug/L	0.16
1,4-Dichlorobenzene	ND	1.0	ug/L	0.18
1,2-Dichlorobenzene	ND	1.0	ug/L	0.22
Dichlorodifluoromethane	ND 1.0 UJ	1.0	ug/L	0.26
1,1-Dichloroethane	ND	1.0	ug/L	0.24
1,2-Dichloroethane	ND	1.0	ug/L	0.21
1,1-Dichloroethene	ND	1.0	ug/L	0.28
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.27
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.27
1,2-Dichloropropane	ND	1.0	ug/L	0.18
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.19
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.18
Ethylbenzene	ND	1.0	ug/L	0.18
2-Hexanone	ND 5.0 UJ	5.0	ug/L	0.53
Isopropylbenzene	ND	1.0	ug/L	0.22
Methyl acetate	ND 1.0 UJ	1.0	ug/L	0.10
Methylene chloride	ND	1.0	ug/L	0.32
Methylcyclohexane	ND	1.0	ug/L	0.32
4-Methyl-2-pentanone	ND 5.0 UJ	5.0	ug/L	0.23
Methyl tert-butyl ether	ND	1.0	ug/L	0.20

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AECOM, Inc

Client Sample ID: TRIP BLANK

GC/MS Volatiles

Lot-Sample #...: C8L120342-001 Work Order #...: K4MVP1AA Matrix.....: WQ

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Styrene	ND	1.0	ug/L	0.22
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.15
1,2,4-Trichloro-benzene	ND	1.0	ug/L	0.15
Tetrachloroethene	ND	1.0	ug/L	0.24
1,1,1-Trichloroethane	ND	1.0	ug/L	0.25
1,1,2-Trichloroethane	ND	1.0	ug/L	0.20
Trichloroethene	ND	1.0	ug/L	0.29
Trichlorofluoromethane	ND	1.0	ug/L	0.080
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L	0.30
Toluene	**0.27 J**	**1.0**	**ug/L**	**0.23**
Vinyl chloride	ND	1.0	ug/L	0.29
Xylenes (total)	ND	3.0	ug/L	0.62

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	107	(71 - 118)
1,2-Dichloroethane-d4	121	(64 - 135)
4-Bromofluorobenzene	101	(70 - 118)
Dibromofluoromethane	104	(70 - 128)

NOTE(S):

J Estimated result. Result is less than RL.

AECOM, Inc

Client Sample ID: MW-14D

GC/MS Volatiles

Lot-Sample #...: C8L120342-002	Work Order #...: K4MVQ1AA	Matrix.....: WG
Date Sampled...: 12/11/08	Date Received..: 12/12/08	MS Run #.....: 8356026
Prep Date.....: 12/21/08	Analysis Date..: 12/21/08	
Prep Batch #...: 8356033	Analysis Time..: 16:41	
Dilution Factor: 25	Initial Wgt/Vol: 5 mL	Final Wgt/Vol..: 5 mL
Analyst ID.....: 001562	Instrument ID..: HP6	
	Method.....: SW846 8260B	

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND 120 UJ	120	ug/L	62
Benzene	**60**	**25**	**ug/L**	**6.8**
Bromodichloromethane	ND	25	ug/L	5.0
Bromoform	ND	25	ug/L	6.1
Bromomethane	ND	25	ug/L	7.6
2-Butanone	ND 120 UJ	120	ug/L	12
Carbon disulfide	ND	25	ug/L	4.9
Carbon tetrachloride	ND	25	ug/L	7.6
Chlorobenzene	ND	25	ug/L	5.6
Chloroethane	ND	25	ug/L	6.2
Chloroform	**11 J**	**25**	**ug/L**	**6.0**
Chloromethane	ND	25	ug/L	6.7
Cyclohexane	ND	25	ug/L	7.4
Dibromochloromethane	ND	25	ug/L	4.1
1,2-Dibromo-3-chloro-propane	ND 25 UJ	25	ug/L	6.0
1,2-Dibromoethane	ND	25	ug/L	5.7
1,3-Dichlorobenzene	ND	25	ug/L	4.1
1,4-Dichlorobenzene	ND	25	ug/L	4.4
1,2-Dichlorobenzene	ND	25	ug/L	5.4
Dichlorodifluoromethane	ND 25 UJ	25	ug/L	6.5
1,1-Dichloroethane	ND	25	ug/L	6.1
1,2-Dichloroethane	ND	25	ug/L	5.4
1,1-Dichloroethene	ND	25	ug/L	7.0
cis-1,2-Dichloroethene	ND	25	ug/L	6.8
trans-1,2-Dichloroethene	ND	25	ug/L	6.8
1,2-Dichloropropane	ND	25	ug/L	4.5
cis-1,3-Dichloropropene	ND	25	ug/L	4.9
trans-1,3-Dichloropropene	ND	25	ug/L	4.6
Ethylbenzene	**910**	**25**	**ug/L**	**4.5**
2-Hexanone	ND 120 UJ	120	ug/L	13
Isopropylbenzene	**45 J**	**25**	**ug/L**	**5.6**
Methyl acetate	ND 25 UJ	25	ug/L	2.6
Methylene chloride	ND	25	ug/L	7.9
Methylcyclohexane	ND	25	ug/L	7.9
4-Methyl-2-pentanone	ND 120 UJ	120	ug/L	5.6
Methyl tert-butyl ether	ND	25	ug/L	5.0

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AECOM, Inc

Client Sample ID: MW-14D

GC/MS Volatiles

Lot-Sample #...: C8L120342-002 Work Order #...: K4MVQ1AA Matrix.....: WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Styrene	ND	25	ug/L	5.4
1,1,2,2-Tetrachloroethane	ND	25	ug/L	3.8
1,2,4-Trichloro-benzene	ND	25	ug/L	3.8
Tetrachloroethene	ND	25	ug/L	5.9
1,1,1-Trichloroethane	ND	25	ug/L	6.3
1,1,2-Trichloroethane	ND	25	ug/L	4.9
Trichloroethene	ND	25	ug/L	7.3
Trichlorofluoromethane	ND	25	ug/L	2.0
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	25	ug/L	7.5
Toluene	**710**	**25**	**ug/L**	**5.8**
Vinyl chloride	ND 25 U J	25	ug/L	7.3
Xylenes (total)	**1200**	**75**	**ug/L**	**15**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	108	(71 - 118)
1,2-Dichloroethane-d4	117	(64 - 135)
4-Bromofluorobenzene	99	(70 - 118)
Dibromofluoromethane	103	(70 - 128)

NOTE(S):

J Estimated result. Result is less than RL.

AECOM, Inc

Client Sample ID: MW-14

GC/MS Volatiles

Lot-Sample #...: C8L120342-003	Work Order #...: K4MVR1AH	Matrix.....: WG
Date Sampled...: 12/11/08	Date Received..: 12/12/08	MS Run #.....: 8358148
Prep Date.....: 12/23/08	Analysis Date..: 12/23/08	
Prep Batch #...: 8358276	Analysis Time..: 12:05	
Dilution Factor: 1	Initial Wgt/Vol: 5 mL	Final Wgt/Vol..: 5 mL
Analyst ID.....: 001562	Instrument ID..: HP5	
	Method.....: SW846 8260B	

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	5.0	ug/L	2.5
Benzene	ND	1.0	ug/L	0.27
Bromodichloromethane	ND	1.0	ug/L	0.20
Bromoform	ND	1.0	ug/L	0.25
Bromomethane	ND	1.0	ug/L	0.30
2-Butanone	ND	5.0	ug/L	0.50
Carbon disulfide	ND	1.0	ug/L	0.20
Carbon tetrachloride	ND	1.0	ug/L	0.30
Chlorobenzene	ND	1.0	ug/L	0.23
Chloroethane	ND	1.0	ug/L	0.25
Chloroform	ND	1.0	ug/L	0.24
Chloromethane	ND	1.0	ug/L	0.27
Cyclohexane	ND	1.0	ug/L	0.30
Dibromochloromethane	ND	1.0	ug/L	0.16
1,2-Dibromo-3-chloro-propane	ND	1.0	ug/L	0.24
1,2-Dibromoethane	ND	1.0	ug/L	0.23
1,3-Dichlorobenzene	ND	1.0	ug/L	0.16
1,4-Dichlorobenzene	ND	1.0	ug/L	0.18
1,2-Dichlorobenzene	ND	1.0	ug/L	0.22
Dichlorodifluoromethane	ND	1.0	ug/L	0.26
1,1-Dichloroethane	ND	1.0	ug/L	0.24
1,2-Dichloroethane	ND	1.0	ug/L	0.21
1,1-Dichloroethene	ND	1.0	ug/L	0.28
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.27
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.27
1,2-Dichloropropane	ND	1.0	ug/L	0.18
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.19
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.18
Ethylbenzene	ND	1.0	ug/L	0.18
2-Hexanone	ND	5.0	ug/L	0.53
Isopropylbenzene	ND	1.0	ug/L	0.22
Methyl acetate	ND	1.0	ug/L	0.10
Methylene chloride	ND	1.0	ug/L	0.32
Methylcyclohexane	ND	1.0	ug/L	0.32
4-Methyl-2-pentanone	ND	5.0	ug/L	0.23
Methyl tert-butyl ether	ND	1.0	ug/L	0.20

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AECOM, Inc

Client Sample ID: MW-14

GC/MS Volatiles

Lot-Sample #...: C8L120342-003 Work Order #...: K4MVR1AH Matrix.....: WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Styrene	ND	1.0	ug/L	0.22
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.15
1,2,4-Trichloro-benzene	ND	1.0	ug/L	0.15
Tetrachloroethene	ND	1.0	ug/L	0.24
1,1,1-Trichloroethane	ND	1.0	ug/L	0.25
1,1,2-Trichloroethane	ND	1.0	ug/L	0.20
Trichloroethene	ND	1.0	ug/L	0.29
Trichlorofluoromethane	ND	1.0	ug/L	0.080
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L	0.30
Toluene	ND	1.0	ug/L	0.23
Vinyl chloride	ND	1.0	ug/L	0.29
Xylenes (total)	**1.5 J**	**3.0**	**ug/L**	**0.62**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	105	(71 - 118)
1,2-Dichloroethane-d4	88	(64 - 135)
4-Bromofluorobenzene	111	(70 - 118)
Dibromofluoromethane	98	(70 - 128)

NOTE(S):

J Estimated result. Result is less than RL.

AECOM, Inc

Client Sample ID: MW-1400

GC/MS Volatiles

Lot-Sample #...: C8L120342-004	Work Order #...: K4MVT1AH	Matrix.....: WG
Date Sampled...: 12/11/08	Date Received..: 12/12/08	MS Run #.....: 8358359
Prep Date.....: 12/23/08	Analysis Date..: 12/23/08	
Prep Batch #...: 8358632	Analysis Time..: 23:44	
Dilution Factor: 1	Initial Wgt/Vol: 5 mL	Final Wgt/Vol..: 5 mL
Analyst ID.....: 403794	Instrument ID..: HP5	
	Method.....: SW846 8260B	

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	5.0	ug/L	2.5
Benzene	ND	1.0	ug/L	0.27
Bromodichloromethane	ND	1.0	ug/L	0.20
Bromoform	ND	1.0	ug/L	0.25
Bromomethane	ND	1.0	ug/L	0.30
2-Butanone	ND	5.0	ug/L	0.50
Carbon disulfide	ND	1.0	ug/L	0.20
Carbon tetrachloride	ND	1.0	ug/L	0.30
Chlorobenzene	ND	1.0	ug/L	0.23
Chloroethane	ND	1.0	ug/L	0.25
Chloroform	ND	1.0	ug/L	0.24
Chloromethane	ND	1.0	ug/L	0.27
Cyclohexane	ND	1.0	ug/L	0.30
Dibromochloromethane	ND	1.0	ug/L	0.16
1,2-Dibromo-3-chloro-propane	ND	1.0	ug/L	0.24
1,2-Dibromoethane	ND	1.0	ug/L	0.23
1,3-Dichlorobenzene	ND	1.0	ug/L	0.16
1,4-Dichlorobenzene	ND	1.0	ug/L	0.18
1,2-Dichlorobenzene	ND	1.0	ug/L	0.22
Dichlorodifluoromethane	ND 1.0 UJ	1.0	ug/L	0.26
1,1-Dichloroethane	ND	1.0	ug/L	0.24
1,2-Dichloroethane	ND	1.0	ug/L	0.21
1,1-Dichloroethene	ND	1.0	ug/L	0.28
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.27
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.27
1,2-Dichloropropane	ND	1.0	ug/L	0.18
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.19
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.18
Ethylbenzene	ND	1.0	ug/L	0.18
2-Hexanone	ND	5.0	ug/L	0.53
Isopropylbenzene	ND	1.0	ug/L	0.22
Methyl acetate	ND	1.0	ug/L	0.10
Methylene chloride	ND	1.0	ug/L	0.32
Methylcyclohexane	ND	1.0	ug/L	0.32
4-Methyl-2-pentanone	ND	5.0	ug/L	0.23
Methyl tert-butyl ether	ND	1.0	ug/L	0.20

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AECOM, Inc

Client Sample ID: MW-1400

GC/MS Volatiles

Lot-Sample #...: C8L120342-004 Work Order #...: K4MVT1AH Matrix.....: WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Styrene	ND	1.0	ug/L	0.22
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.15
1,2,4-Trichloro-benzene	ND	1.0	ug/L	0.15
Tetrachloroethene	ND	1.0	ug/L	0.24
1,1,1-Trichloroethane	ND	1.0	ug/L	0.25
1,1,2-Trichloroethane	ND	1.0	ug/L	0.20
Trichloroethene	ND	1.0	ug/L	0.29
Trichlorofluoromethane	ND	1.0	ug/L	0.080
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L	0.30
Toluene	ND	1.0	ug/L	0.23
Vinyl chloride	ND	1.0	ug/L	0.29
Xylenes (total)	**1.6 J**	**3.0**	**ug/L**	**0.62**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	96	(71 - 118)
1,2-Dichloroethane-d4	92	(64 - 135)
4-Bromofluorobenzene	102	(70 - 118)
Dibromofluoromethane	99	(70 - 128)

NOTE(S):

J Estimated result. Result is less than RL.

AECOM, Inc

Client Sample ID: MW-8

GC/MS Volatiles

Lot-Sample #...: C8L120342-005	Work Order #...: K4MVX1AH	Matrix.....: WG
Date Sampled...: 12/11/08	Date Received..: 12/12/08	MS Run #.....: 8358148
Prep Date.....: 12/23/08	Analysis Date..: 12/23/08	
Prep Batch #...: 8358276	Analysis Time..: 13:15	
Dilution Factor: 250	Initial Wgt/Vol: 5 mL	Final Wgt/Vol..: 5 mL
Analyst ID.....: 001562	Instrument ID..: HP5	
	Method.....: SW846 8260B	

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	1200	ug/L	620
Benzene	**~~40000 E~~ 39000**	**250**	**ug/L**	**68**
Bromodichloromethane	ND	250	ug/L	50
Bromoform	ND	250	ug/L	61
Bromomethane	ND	250	ug/L	76
2-Butanone	ND	1200	ug/L	120
Carbon disulfide	ND	250	ug/L	49
Carbon tetrachloride	ND	250	ug/L	76
Chlorobenzene	ND	250	ug/L	56
Chloroethane	ND	250	ug/L	62
Chloroform	ND	250	ug/L	60
Chloromethane	ND	250	ug/L	67
Cyclohexane	ND	250	ug/L	74
Dibromochloromethane	ND	250	ug/L	41
1,2-Dibromo-3-chloro-propane	ND	250	ug/L	60
1,2-Dibromoethane	ND	250	ug/L	57
1,3-Dichlorobenzene	ND	250	ug/L	41
1,4-Dichlorobenzene	ND	250	ug/L	44
1,2-Dichlorobenzene	ND	250	ug/L	54
Dichlorodifluoromethane	ND	250	ug/L	65
1,1-Dichloroethane	ND	250	ug/L	61
1,2-Dichloroethane	ND	250	ug/L	54
1,1-Dichloroethene	ND	250	ug/L	70
cis-1,2-Dichloroethene	ND	250	ug/L	68
trans-1,2-Dichloroethene	ND	250	ug/L	68
1,2-Dichloropropane	ND	250	ug/L	45
cis-1,3-Dichloropropene	ND	250	ug/L	49
trans-1,3-Dichloropropene	ND	250	ug/L	46
Ethylbenzene	**220 J**	**250**	**ug/L**	**45**
2-Hexanone	ND	1200	ug/L	130
Isopropylbenzene	ND	250	ug/L	56
Methyl acetate	ND	250	ug/L	26
Methylene chloride	ND	250	ug/L	79
Methylcyclohexane	ND	250	ug/L	79
4-Methyl-2-pentanone	ND	1200	ug/L	56
Methyl tert-butyl ether	ND	250	ug/L	50

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AECOM, Inc

Client Sample ID: MW-8

GC/MS Volatiles

Lot-Sample #...: C8L120342-005 Work Order #...: K4MVX1AH Matrix.....: WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Styrene	**850**	**250**	**ug/L**	**54**
1,1,2,2-Tetrachloroethane	ND	250	ug/L	38
1,2,4-Trichloro-benzene	ND	250	ug/L	38
Tetrachloroethene	ND	250	ug/L	59
1,1,1-Trichloroethane	ND	250	ug/L	63
1,1,2-Trichloroethane	ND	250	ug/L	49
Trichloroethene	ND	250	ug/L	73
Trichlorofluoromethane	ND	250	ug/L	20
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	250	ug/L	75
Toluene	**9700**	**250**	**ug/L**	**58**
Vinyl chloride	ND	250	ug/L	73
Xylenes (total)	**2900**	**750**	**ug/L**	**150**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	100	(71 - 118)
1,2-Dichloroethane-d4	90	(64 - 135)
4-Bromofluorobenzene	98	(70 - 118)
Dibromofluoromethane	97	(70 - 128)

NOTE(S):

E Estimated result. Result concentration exceeds the calibration range.

J Estimated result. Result is less than RL.

AECOM, Inc

Client Sample ID: MW-8

GC/MS Volatiles

Lot-Sample #...: C8L120342-005	Work Order #...: K4MVX2AH	Matrix.....: WG
Date Sampled...: 12/11/08	Date Received..: 12/12/08	MS Run #.....: 8358359
Prep Date.....: 12/23/08	Analysis Date..: 12/24/08	
Prep Batch #...: 8358632	Analysis Time..: 00:07	
Dilution Factor: 2500	Initial Wgt/Vol: 5 mL	Final Wgt/Vol..: 5 mL
Analyst ID.....: 403794	Instrument ID..: HP5	
	Method.....: SW846 8260B	

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	12000	ug/L	6200
Benzene	**39000**	**2500**	**ug/L**	**680**
Bromodichloromethane	ND	2500	ug/L	500
Bromoform	ND	2500	ug/L	610
Bromomethane	ND	2500	ug/L	760
2-Butanone	ND	12000	ug/L	1200
Carbon disulfide	ND	2500	ug/L	490
Carbon tetrachloride	ND	2500	ug/L	760
Chlorobenzene	ND	2500	ug/L	560
Chloroethane	ND	2500	ug/L	620
Chloroform	ND	2500	ug/L	600
Chloromethane	ND	2500	ug/L	670
Cyclohexane	ND	2500	ug/L	740
Dibromochloromethane	ND	2500	ug/L	410
1,2-Dibromo-3-chloro-propane	ND	2500	ug/L	600
1,2-Dibromoethane	ND	2500	ug/L	570
1,3-Dichlorobenzene	ND	2500	ug/L	410
1,4-Dichlorobenzene	ND	2500	ug/L	440
1,2-Dichlorobenzene	ND	2500	ug/L	540
Dichlorodifluoromethane	ND	2500	ug/L	650
1,1-Dichloroethane	ND	2500	ug/L	610
1,2-Dichloroethane	ND	2500	ug/L	540
1,1-Dichloroethene	ND	2500	ug/L	700
cis-1,2-Dichloroethene	ND	2500	ug/L	680
trans-1,2-Dichloroethene	ND	2500	ug/L	680
1,2-Dichloropropane	ND	2500	ug/L	450
cis-1,3-Dichloropropene	ND	2500	ug/L	490
trans-1,3-Dichloropropene	ND	2500	ug/L	460
Ethylbenzene	ND	2500	ug/L	450
2-Hexanone	ND	12000	ug/L	1300
Isopropylbenzene	ND	2500	ug/L	560
Methyl acetate	ND	2500	ug/L	260
Methylene chloride	**1300 J**	**2500**	**ug/L**	**790**
Methylcyclohexane	ND	2500	ug/L	790
4-Methyl-2-pentanone	ND	12000	ug/L	560
Methyl tert-butyl ether	ND	2500	ug/L	500

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AECOM, Inc

Client Sample ID: MW-8

GC/MS Volatiles

Lot-Sample #...: C8L120342-005 Work Order #...: K4MVX2AH Matrix.....: WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Styrene	**770 J**	**2500**	**ug/L**	**540**
1,1,2,2-Tetrachloroethane	ND	2500	ug/L	380
1,2,4-Trichloro-benzene	ND	2500	ug/L	380
Tetrachloroethene	ND	2500	ug/L	590
1,1,1-Trichloroethane	ND	2500	ug/L	630
1,1,2-Trichloroethane	ND	2500	ug/L	490
Trichloroethene	ND	2500	ug/L	730
Trichlorofluoromethane	ND	2500	ug/L	200
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	2500	ug/L	750
Toluene	**9300**	**2500**	**ug/L**	**580**
Vinyl chloride	ND	2500	ug/L	730
Xylenes (total)	**2800 J**	**7500**	**ug/L**	**1500**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	101	(71 - 118)
1,2-Dichloroethane-d4	90	(64 - 135)
4-Bromofluorobenzene	97	(70 - 118)
Dibromofluoromethane	97	(70 - 128)

NOTE(S):

J Estimated result. Result is less than RL.

AECOM, Inc

Client Sample ID: MW-8D

GC/MS Volatiles

Lot-Sample #...: C8L120342-006	Work Order #...: K4MV01AH	Matrix.....: WG	
Date Sampled...: 12/11/08	Date Received..: 12/12/08	MS Run #.....: 8358148	
Prep Date.....: 12/23/08	Analysis Date..: 12/23/08		
Prep Batch #...: 8358276	Analysis Time..: 14:24		
Dilution Factor: 25	Initial Wgt/Vol: 5 mL	Final Wgt/Vol..: 5 mL	
Analyst ID.....: 001562	Instrument ID..: HP5		
	Method.....: SW846 8260B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	120	ug/L	62
Benzene	**36**	**25**	**ug/L**	**6.8**
Bromodichloromethane	ND	25	ug/L	5.0
Bromoform	ND	25	ug/L	6.1
Bromomethane	ND	25	ug/L	7.6
2-Butanone	ND	120	ug/L	12
Carbon disulfide	ND	25	ug/L	4.9
Carbon tetrachloride	ND	25	ug/L	7.6
Chlorobenzene	ND	25	ug/L	5.6
Chloroethane	ND	25	ug/L	6.2
Chloroform	ND	25	ug/L	6.0
Chloromethane	ND	25	ug/L	6.7
Cyclohexane	ND	25	ug/L	7.4
Dibromochloromethane	ND	25	ug/L	4.1
1,2-Dibromo-3-chloro-propane	ND	25	ug/L	6.0
1,2-Dibromoethane	ND	25	ug/L	5.7
1,3-Dichlorobenzene	ND	25	ug/L	4.1
1,4-Dichlorobenzene	ND	25	ug/L	4.4
1,2-Dichlorobenzene	ND	25	ug/L	5.4
Dichlorodifluoromethane	ND	25	ug/L	6.5
1,1-Dichloroethane	ND	25	ug/L	6.1
1,2-Dichloroethane	ND	25	ug/L	5.4
1,1-Dichloroethene	ND	25	ug/L	7.0
cis-1,2-Dichloroethene	ND	25	ug/L	6.8
trans-1,2-Dichloroethene	ND	25	ug/L	6.8
1,2-Dichloropropane	ND	25	ug/L	4.5
cis-1,3-Dichloropropene	ND	25	ug/L	4.9
trans-1,3-Dichloropropene	ND	25	ug/L	4.6
Ethylbenzene	~~**2000 E**~~ 1900	**25**	**ug/L**	**4.5**
2-Hexanone	ND	120	ug/L	13
Isopropylbenzene	**94**	**25**	**ug/L**	**5.6**
Methyl acetate	ND	25	ug/L	2.6
Methylene chloride	ND	25	ug/L	7.9
Methylcyclohexane	ND	25	ug/L	7.9
4-Methyl-2-pentanone	ND	120	ug/L	5.6
Methyl tert-butyl ether	ND	25	ug/L	5.0

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AECOM, Inc

Client Sample ID: MW-8D

GC/MS Volatiles

Lot-Sample #...: C8L120342-006 Work Order #...: K4MV01AH Matrix.....: WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Styrene	ND	25	ug/L	5.4
1,1,2,2-Tetrachloroethane	ND	25	ug/L	3.8
1,2,4-Trichloro-benzene	ND	25	ug/L	3.8
Tetrachloroethene	ND	25	ug/L	5.9
1,1,1-Trichloroethane	ND	25	ug/L	6.3
1,1,2-Trichloroethane	ND	25	ug/L	4.9
Trichloroethene	ND	25	ug/L	7.3
Trichlorofluoromethane	ND	25	ug/L	2.0
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	25	ug/L	7.5
Toluene	**170**	**25**	**ug/L**	**5.8**
Vinyl chloride	ND	25	ug/L	7.3
Xylenes (total)	~~2500 E~~ 2300	**75**	**ug/L**	**15**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	104	(71 - 118)
1,2-Dichloroethane-d4	90	(64 - 135)
4-Bromofluorobenzene	96	(70 - 118)
Dibromofluoromethane	95	(70 - 128)

NOTE(S):

E Estimated result. Result concentration exceeds the calibration range.

AECOM, Inc

Client Sample ID: MW-8D

GC/MS Volatiles

Lot-Sample #...: C8L120342-006	Work Order #...: K4MV02AH	Matrix.....: WG
Date Sampled...: 12/11/08	Date Received..: 12/12/08	MS Run #.....: 8358359
Prep Date.....: 12/23/08	Analysis Date..: 12/24/08	
Prep Batch #...: 8358632	Analysis Time..: 00:30	
Dilution Factor: 100	Initial Wgt/Vol: 5 mL	Final Wgt/Vol..: 5 mL
Analyst ID.....: 403794	Instrument ID..: HP5	
	Method.....: SW846 8260B	

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	500	ug/L	250
Benzene	**39 J**	**100**	**ug/L**	**27**
Bromodichloromethane	ND	100	ug/L	20
Bromoform	ND	100	ug/L	25
Bromomethane	ND	100	ug/L	30
2-Butanone	ND	500	ug/L	50
Carbon disulfide	ND	100	ug/L	20
Carbon tetrachloride	ND	100	ug/L	30
Chlorobenzene	ND	100	ug/L	23
Chloroethane	ND	100	ug/L	25
Chloroform	ND	100	ug/L	24
Chloromethane	ND	100	ug/L	27
Cyclohexane	ND	100	ug/L	30
Dibromochloromethane	ND	100	ug/L	16
1,2-Dibromo-3-chloro-propane	ND	100	ug/L	24
1,2-Dibromoethane	ND	100	ug/L	23
1,3-Dichlorobenzene	ND	100	ug/L	16
1,4-Dichlorobenzene	ND	100	ug/L	18
1,2-Dichlorobenzene	ND	100	ug/L	22
Dichlorodifluoromethane	ND	100	ug/L	26
1,1-Dichloroethane	ND	100	ug/L	24
1,2-Dichloroethane	ND	100	ug/L	21
1,1-Dichloroethene	ND	100	ug/L	28
cis-1,2-Dichloroethene	ND	100	ug/L	27
trans-1,2-Dichloroethene	ND	100	ug/L	27
1,2-Dichloropropane	ND	100	ug/L	18
cis-1,3-Dichloropropene	ND	100	ug/L	19
trans-1,3-Dichloropropene	ND	100	ug/L	18
Ethylbenzene	**1900**	**100**	**ug/L**	**18**
2-Hexanone	ND	500	ug/L	53
Isopropylbenzene	**84 J**	**100**	**ug/L**	**22**
Methyl acetate	ND	100	ug/L	10
Methylene chloride	**40 J**	**100**	**ug/L**	**32**
Methylcyclohexane	ND	100	ug/L	32
4-Methyl-2-pentanone	ND	500	ug/L	23
Methyl tert-butyl ether	ND	100	ug/L	20

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AECOM, Inc

Client Sample ID: MW-8D

GC/MS Volatiles

Lot-Sample #...: C8L120342-006 Work Order #...: K4MV02AH Matrix.....: WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Styrene	ND	100	ug/L	22
1,1,2,2-Tetrachloroethane	ND	100	ug/L	15
1,2,4-Trichloro-benzene	ND	100	ug/L	15
Tetrachloroethene	ND	100	ug/L	24
1,1,1-Trichloroethane	ND	100	ug/L	25
1,1,2-Trichloroethane	ND	100	ug/L	20
Trichloroethene	ND	100	ug/L	29
Trichlorofluoromethane	ND	100	ug/L	8.0
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	100	ug/L	30
Toluene	**160**	**100**	**ug/L**	**23**
Vinyl chloride	ND	100	ug/L	29
Xylenes (total)	**2300**	**300**	**ug/L**	**62**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	100	(71 - 118)
1,2-Dichloroethane-d4	89	(64 - 135)
4-Bromofluorobenzene	96	(70 - 118)
Dibromofluoromethane	98	(70 - 128)

NOTE(S):

J Estimated result. Result is less than RL.

AECOM, Inc

Client Sample ID: CTM-1

GC/MS Volatiles

Lot-Sample #...: C8L120342-007	Work Order #...: K4MV11AH	Matrix.....: WG
Date Sampled...: 12/11/08	Date Received..: 12/12/08	MS Run #.....: 8358359
Prep Date.....: 12/23/08	Analysis Date..: 12/24/08	
Prep Batch #...: 8358632	Analysis Time..: 00:53	
Dilution Factor: 1	Initial Wgt/Vol: 5 mL	Final Wgt/Vol..: 5 mL
Analyst ID.....: 403794	Instrument ID..: HP5	
	Method.....: SW846 8260B	

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	5.0	ug/L	2.5
Benzene	ND	1.0	ug/L	0.27
Bromodichloromethane	ND	1.0	ug/L	0.20
Bromoform	ND	1.0	ug/L	0.25
Bromomethane	ND	1.0	ug/L	0.30
2-Butanone	ND	5.0	ug/L	0.50
Carbon disulfide	ND	1.0	ug/L	0.20
Carbon tetrachloride	ND	1.0	ug/L	0.30
Chlorobenzene	ND	1.0	ug/L	0.23
Chloroethane	ND	1.0	ug/L	0.25
Chloroform	ND	1.0	ug/L	0.24
Chloromethane	ND	1.0	ug/L	0.27
Cyclohexane	ND	1.0	ug/L	0.30
Dibromochloromethane	ND	1.0	ug/L	0.16
1,2-Dibromo-3-chloro-propane	ND	1.0	ug/L	0.24
1,2-Dibromoethane	ND	1.0	ug/L	0.23
1,3-Dichlorobenzene	ND	1.0	ug/L	0.16
1,4-Dichlorobenzene	ND	1.0	ug/L	0.18
1,2-Dichlorobenzene	ND	1.0	ug/L	0.22
Dichlorodifluoromethane	ND 1.0 UJ	1.0	ug/L	0.26
1,1-Dichloroethane	ND	1.0	ug/L	0.24
1,2-Dichloroethane	ND	1.0	ug/L	0.21
1,1-Dichloroethene	ND	1.0	ug/L	0.28
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.27
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.27
1,2-Dichloropropane	ND	1.0	ug/L	0.18
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.19
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.18
Ethylbenzene	ND	1.0	ug/L	0.18
2-Hexanone	ND	5.0	ug/L	0.53
Isopropylbenzene	**0.24 J**	**1.0**	**ug/L**	**0.22**
Methyl acetate	ND	1.0	ug/L	0.10
Methylene chloride	ND	1.0	ug/L	0.32
Methylcyclohexane	ND	1.0	ug/L	0.32
4-Methyl-2-pentanone	ND	5.0	ug/L	0.23
Methyl tert-butyl ether	ND	1.0	ug/L	0.20

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AECOM, Inc

Client Sample ID: CTM-1

GC/MS Volatiles

Lot-Sample #...: C8L120342-007 Work Order #...: K4MV11AH Matrix.....: WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Styrene	ND	1.0	ug/L	0.22
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.15
1,2,4-Trichloro-benzene	ND	1.0	ug/L	0.15
Tetrachloroethene	ND	1.0	ug/L	0.24
1,1,1-Trichloroethane	ND	1.0	ug/L	0.25
1,1,2-Trichloroethane	ND	1.0	ug/L	0.20
Trichloroethene	ND	1.0	ug/L	0.29
Trichlorofluoromethane	ND	1.0	ug/L	0.080
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L	0.30
Toluene	ND	1.0	ug/L	0.23
Vinyl chloride	ND	1.0	ug/L	0.29
Xylenes (total)	ND	3.0	ug/L	0.62

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	102	(71 - 118)
1,2-Dichloroethane-d4	91	(64 - 135)
4-Bromofluorobenzene	100	(70 - 118)
Dibromofluoromethane	102	(70 - 128)

NOTE(S):

J Estimated result. Result is less than RL.

AECOM, Inc

Client Sample ID: CTM-15

GC/MS Volatiles

Lot-Sample #...: C8L120342-008	Work Order #...: K4MV21AH	Matrix.....: WG
Date Sampled...: 12/11/08	Date Received..: 12/12/08	MS Run #.....: 8358359
Prep Date.....: 12/23/08	Analysis Date..: 12/24/08	
Prep Batch #...: 8358632	Analysis Time..: 01:16	
Dilution Factor: 5	Initial Wgt/Vol: 5 mL	Final Wgt/Vol..: 5 mL
Analyst ID.....: 403794	Instrument ID..: HP5	
	Method.....: SW846 8260B	

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	25	ug/L	12
Benzene	**86**	**5.0**	**ug/L**	**1.4**
Bromodichloromethane	ND	5.0	ug/L	1.0
Bromoform	ND	5.0	ug/L	1.2
Bromomethane	ND	5.0	ug/L	1.5
2-Butanone	ND	25	ug/L	2.5
Carbon disulfide	ND	5.0	ug/L	0.98
Carbon tetrachloride	ND	5.0	ug/L	1.5
Chlorobenzene	ND	5.0	ug/L	1.1
Chloroethane	ND	5.0	ug/L	1.2
Chloroform	ND	5.0	ug/L	1.2
Chloromethane	ND	5.0	ug/L	1.3
Cyclohexane	ND	5.0	ug/L	1.5
Dibromochloromethane	ND	5.0	ug/L	0.82
1,2-Dibromo-3-chloro-propane	ND	5.0	ug/L	1.2
1,2-Dibromoethane	ND	5.0	ug/L	1.1
1,3-Dichlorobenzene	ND	5.0	ug/L	0.82
1,4-Dichlorobenzene	ND	5.0	ug/L	0.89
1,2-Dichlorobenzene	ND	5.0	ug/L	1.1
Dichlorodifluoromethane	ND 5.0 U	5.0	ug/L	1.3
1,1-Dichloroethane	ND	5.0	ug/L	1.2
1,2-Dichloroethane	ND	5.0	ug/L	1.1
1,1-Dichloroethene	ND	5.0	ug/L	1.4
cis-1,2-Dichloroethene	ND	5.0	ug/L	1.4
trans-1,2-Dichloroethene	ND	5.0	ug/L	1.4
1,2-Dichloropropane	ND	5.0	ug/L	0.90
cis-1,3-Dichloropropene	ND	5.0	ug/L	0.97
trans-1,3-Dichloropropene	ND	5.0	ug/L	0.92
Ethylbenzene	**19**	**5.0**	**ug/L**	**0.91**
2-Hexanone	ND	25	ug/L	2.7
Isopropylbenzene	**4.3 J**	**5.0**	**ug/L**	**1.1**
Methyl acetate	ND	5.0	ug/L	0.51
Methylene chloride	~~3.0 J~~ 5.0U	**5.0**	**ug/L**	**1.6**
Methylcyclohexane	ND	5.0	ug/L	1.6
4-Methyl-2-pentanone	ND	25	ug/L	1.1
Methyl tert-butyl ether	ND	5.0	ug/L	1.0

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AECOM, Inc

Client Sample ID: CTM-15

GC/MS Volatiles

Lot-Sample #...: C8L120342-008 Work Order #...: K4MV21AH Matrix.....: WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Styrene	ND	5.0	ug/L	1.1
1,1,2,2-Tetrachloroethane	ND	5.0	ug/L	0.77
1,2,4-Trichloro-benzene	ND	5.0	ug/L	0.75
Tetrachloroethene	ND	5.0	ug/L	1.2
1,1,1-Trichloroethane	ND	5.0	ug/L	1.3
1,1,2-Trichloroethane	ND	5.0	ug/L	0.98
Trichloroethene	ND	5.0	ug/L	1.5
Trichlorofluoromethane	ND	5.0	ug/L	0.40
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	5.0	ug/L	1.5
Toluene	~~2.4 J~~ 5.00	**5.0**	**ug/L**	**1.2**
Vinyl chloride	ND	5.0	ug/L	1.5
Xylenes (total)	**19**	**15**	**ug/L**	**3.1**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	101	(71 - 118)
1,2-Dichloroethane-d4	91	(64 - 135)
4-Bromofluorobenzene	99	(70 - 118)
Dibromofluoromethane	98	(70 - 128)

NOTE(S):

J Estimated result. Result is less than RL.

AECOM, Inc

Client Sample ID: MW-15D

GC/MS Volatiles

Lot-Sample #...: C8L120342-009	Work Order #...: K4MV31AH	Matrix.....: WG
Date Sampled...: 12/11/08	Date Received..: 12/12/08	MS Run #.....: 8358359
Prep Date.....: 12/23/08	Analysis Date..: 12/24/08	
Prep Batch #...: 8358632	Analysis Time..: 01:39	
Dilution Factor: 1	Initial Wgt/Vol: 5 mL	Final Wgt/Vol..: 5 mL
Analyst ID.....: 403794	Instrument ID..: HP5	
	Method.....: SW846 8260B	

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	5.0	ug/L	2.5
Benzene	**4.6**	**1.0**	**ug/L**	**0.27**
Bromodichloromethane	ND	1.0	ug/L	0.20
Bromoform	ND	1.0	ug/L	0.25
Bromomethane	ND	1.0	ug/L	0.30
2-Butanone	ND	5.0	ug/L	0.50
Carbon disulfide	ND	1.0	ug/L	0.20
Carbon tetrachloride	ND	1.0	ug/L	0.30
Chlorobenzene	ND	1.0	ug/L	0.23
Chloroethane	ND	1.0	ug/L	0.25
Chloroform	**0.36 J**	**1.0**	**ug/L**	**0.24**
Chloromethane	ND	1.0	ug/L	0.27
Cyclohexane	ND	1.0	ug/L	0.30
Dibromochloromethane	ND	1.0	ug/L	0.16
1,2-Dibromo-3-chloro-propane	ND	1.0	ug/L	0.24
1,2-Dibromoethane	ND	1.0	ug/L	0.23
1,3-Dichlorobenzene	ND	1.0	ug/L	0.16
1,4-Dichlorobenzene	ND	1.0	ug/L	0.18
1,2-Dichlorobenzene	ND	1.0	ug/L	0.22
Dichlorodifluoromethane	ND 1.0 UJ	1.0	ug/L	0.26
1,1-Dichloroethane	ND	1.0	ug/L	0.24
1,2-Dichloroethane	ND	1.0	ug/L	0.21
1,1-Dichloroethene	ND	1.0	ug/L	0.28
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.27
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.27
1,2-Dichloropropane	ND	1.0	ug/L	0.18
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.19
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.18
Ethylbenzene	**0.25 J**	**1.0**	**ug/L**	**0.18**
2-Hexanone	ND	5.0	ug/L	0.53
Isopropylbenzene	ND	1.0	ug/L	0.22
Methyl acetate	ND	1.0	ug/L	0.10
Methylene chloride	ND	1.0	ug/L	0.32
Methylcyclohexane	ND	1.0	ug/L	0.32
4-Methyl-2-pentanone	ND	5.0	ug/L	0.23
Methyl tert-butyl ether	**0.28 J**	**1.0**	**ug/L**	**0.20**

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AECOM, Inc

Client Sample ID: MW-15D

GC/MS Volatiles

Lot-Sample #...: C8L120342-009 Work Order #...: K4MV31AH Matrix.....: WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Styrene	ND	1.0	ug/L	0.22
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.15
1,2,4-Trichloro-benzene	ND	1.0	ug/L	0.15
Tetrachloroethene	ND	1.0	ug/L	0.24
1,1,1-Trichloroethane	ND	1.0	ug/L	0.25
1,1,2-Trichloroethane	ND	1.0	ug/L	0.20
Trichloroethene	ND	1.0	ug/L	0.29
Trichlorofluoromethane	ND	1.0	ug/L	0.080
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L	0.30
Toluene	~~0.23 J~~ 1.0U	**1.0**	**ug/L**	**0.23**
Vinyl chloride	ND	1.0	ug/L	0.29
Xylenes (total)	**0.82 J**	**3.0**	**ug/L**	**0.62**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	99	(71 - 118)
1,2-Dichloroethane-d4	92	(64 - 135)
4-Bromofluorobenzene	103	(70 - 118)
Dibromofluoromethane	96	(70 - 128)

NOTE(S):

J Estimated result. Result is less than RL.

ENSR International

Client Sample ID: TP10(29)E(8-8.5)

GC/MS Semivolatiles

Lot-Sample #...:	C8G160152-001	Work Order #...:	KRK1G1AD	Matrix.....:	SO
Date Sampled...:	07/14/08 08:00	Date Received..:	07/16/08 09:30	MS Run #.....:	8203002
Prep Date.....:	07/21/08	Analysis Date..:	07/22/08		
Prep Batch #...:	8203010	Analysis Time..:	09:52		
Dilution Factor:	4	Initial Wgt/Vol:	15 g	Final Wgt/Vol..:	0.5 mL
% Moisture.....:	12	Analyst ID.....:	003200	Instrument ID..:	731
		Method.....:	SW846 8270C		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	1500	ug/kg	79
Acenaphthylene	**280 J**	**1500**	**ug/kg**	**88**
Acetophenone	ND	1500	ug/kg	92
Anthracene	**490 J**	**1500**	**ug/kg**	**86**
Atrazine	ND	1500	ug/kg	100
Benzo(a)anthracene	**2700**	**1500**	**ug/kg**	**60**
Benzo(a)pyrene	**2900**	**1500**	**ug/kg**	**47**
Benzo(b)fluoranthene	**4100**	**1500**	**ug/kg**	**58**
Benzo(ghi)perylene	**1500**	**1500**	**ug/kg**	**51**
Benzo(k)fluoranthene	ND	1500	ug/kg	48
Benzaldehyde	ND 1500 UJ	1500	ug/kg	160
1,1'-Biphenyl	ND	1500	ug/kg	83
bis(2-Chloroethoxy) methane	ND	1500	ug/kg	71
bis(2-Chloroethyl)-ether	ND	1500	ug/kg	34
bis(2-Ethylhexyl) phthalate	ND	1500	ug/kg	120
4-Bromophenyl phenyl ether	ND	1500	ug/kg	68
Butyl benzyl phthalate	ND	1500	ug/kg	120
Caprolactam	ND	1500	ug/kg	290
Carbazole	**65 J**	**1500**	**ug/kg**	**62**
4-Chloroaniline	ND	1500	ug/kg	130
4-Chloro-3-methylphenol	ND	1500	ug/kg	92
2-Chloronaphthalene	ND	1500	ug/kg	88
2-Chlorophenol	ND	1500	ug/kg	76
4-Chlorophenyl phenyl ether	ND	1500	ug/kg	75
Chrysene	**2300**	**1500**	**ug/kg**	**60**
Dibenz(a,h)anthracene	**400 J**	**1500**	**ug/kg**	**96**
Dibenzofuran	**150 J**	**1500**	**ug/kg**	**84**
3,3'-Dichlorobenzidine	ND	7300	ug/kg	340
2,4-Dichlorophenol	ND	1500	ug/kg	45
Diethyl phthalate	ND	1500	ug/kg	140
2,4-Dimethylphenol	ND	1500	ug/kg	65
Dimethyl phthalate	ND	1500	ug/kg	86

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ENSR International

Client Sample ID: TP10(29)E(8-8.5)

GC/MS Semivolatiles

Lot-Sample #...: C8G160152-001 Work Order #...: KRK1G1AD Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-butyl phthalate	ND	1500	ug/kg	250
4,6-Dinitro-2-methylphenol	ND	7300	ug/kg	1100
2,4-Dinitrophenol	ND	7300	ug/kg	1800
2,4-Dinitrotoluene	ND	1500	ug/kg	78
2,6-Dinitrotoluene	ND	1500	ug/kg	97
Di-n-octyl phthalate	ND	1500	ug/kg	110
Fluoranthene	**4100**	**1500**	**ug/kg**	**98**
Fluorene	**200 J**	**1500**	**ug/kg**	**73**
Hexachlorobenzene	ND	1500	ug/kg	91
Hexachlorobutadiene	ND	1500	ug/kg	93
Hexachlorocyclopentadiene	ND	7300	ug/kg	69
Hexachloroethane	ND	1500	ug/kg	68
Indeno(1,2,3-cd)pyrene	**1300 J**	**1500**	**ug/kg**	**54**
Isophorone	ND	1500	ug/kg	84
2-Methylnaphthalene	**91 J**	**1500**	**ug/kg**	**84**
2-Methylphenol	ND	1500	ug/kg	95
4-Methylphenol	ND	1500	ug/kg	95
Naphthalene	**180 J**	**1500**	**ug/kg**	**73**
2-Nitroaniline	ND	7300	ug/kg	91
3-Nitroaniline	ND	7300	ug/kg	130
4-Nitroaniline	ND	7300	ug/kg	64
Nitrobenzene	ND	1500	ug/kg	38
2-Nitrophenol	ND	1500	ug/kg	120
4-Nitrophenol	ND	7300	ug/kg	120
N-Nitrosodi-n-propylamine	ND	1500	ug/kg	37
N-Nitrosodiphenylamine	ND	1500	ug/kg	82
2,2'-oxybis(1-Chloropropane)	ND	1500	ug/kg	91
Pentachlorophenol	ND	7300	ug/kg	110
Phenanthrene	**1400 J**	**1500**	**ug/kg**	**73**
Phenol	ND	1500	ug/kg	91
Pyrene	**3600**	**1500**	**ug/kg**	**93**
2,4,5-Trichlorophenol	ND	1500	ug/kg	120
2,4,6-Trichlorophenol	ND	1500	ug/kg	120

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KNSR International

Client Sample ID: TP10(29)E(8-8.5)

GC/MS Semivolatiles

Lot-Sample #...: C8G160152-001 Work Order #...: KRK1G1AD Matrix.....: SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	65	(10 - 117)
2-Fluorobiphenyl	73	(20 - 109)
2-Fluorophenol	61	(10 - 113)
Nitrobenzene-d5	69	(18 - 106)
Phenol-d5	66	(18 - 113)
Terphenyl-d14	74	(10 - 138)

NOTE(S) :

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

ENSR International

Client Sample ID: TP10(31)E(8-8.5)

GC/MS Semivolatiles

Lot-Sample #...:	C8G160152-002	Work Order #...:	KRK2P1AK	Matrix.....:	SO
Date Sampled...:	07/14/08 08:00	Date Received..:	07/16/08 09:30	MS Run #.....:	8203002
Prep Date.....:	07/21/08	Analysis Date..:	07/22/08		
Prep Batch #...:	8203010	Analysis Time..:	10:14		
Dilution Factor:	0.99	Initial Wgt/Vol:	15.2 g	Final Wgt/Vol..:	0.5 mL
% Moisture.....:	15	Analyst ID.....:	003200	Instrument ID..:	731
		Method.....:	SW846 8270C		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	**63 J**	**380**	**ug/kg**	**20**
Acenaphthylene	**160 J**	**380**	**ug/kg**	**22**
Acetophenone	ND	380	ug/kg	23
Anthracene	**330 J**	**380**	**ug/kg**	**22**
Atrazine	ND	380	ug/kg	27
Benzo(a)anthracene	**1900**	**380**	**ug/kg**	**15**
Benzo(a)pyrene	**1900**	**380**	**ug/kg**	**12**
Benzo(b)fluoranthene	**2800**	**380**	**ug/kg**	**15**
Benzo(ghi)perylene	**1100**	**380**	**ug/kg**	**13**
Benzo(k)fluoranthene	ND	380	ug/kg	12
Benzaldehyde	ND 390 UJ	380	ug/kg	41
1,1'-Biphenyl	ND	380	ug/kg	21
bis(2-Chloroethoxy) methane	ND	380	ug/kg	18
bis(2-Chloroethyl)-ether	ND	380	ug/kg	8.7
bis(2-Ethylhexyl) phthalate	ND	380	ug/kg	30
4-Bromophenyl phenyl ether	ND	380	ug/kg	17
Butyl benzyl phthalate	ND	380	ug/kg	31
Caprolactam	ND	380	ug/kg	73
Carbazole	**97 J**	**380**	**ug/kg**	**16**
4-Chloroaniline	ND	380	ug/kg	33
4-Chloro-3-methylphenol	ND	380	ug/kg	24
2-Chloronaphthalene	ND	380	ug/kg	22
2-Chlorophenol	ND	380	ug/kg	19
4-Chlorophenyl phenyl ether	ND	380	ug/kg	19
Chrysene	**1800**	**380**	**ug/kg**	**15**
Dibenz(a,h)anthracene	**210 J**	**380**	**ug/kg**	**25**
Dibenzofuran	**73 J**	**380**	**ug/kg**	**21**
3,3'-Dichlorobenzidine	ND	1900	ug/kg	87
2,4-Dichlorophenol	ND	380	ug/kg	12
Diethyl phthalate	ND	380	ug/kg	34
2,4-Dimethylphenol	ND	380	ug/kg	17
Dimethyl phthalate	ND	380	ug/kg	22

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ENSR International

Client Sample ID: TP10(31)E(8-8.5)

GC/MS Semivolatiles

Lot-Sample #...: C8G160152-002 Work Order #...: KRK2P1AK Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-butyl phthalate	ND	380	ug/kg	64
4,6-Dinitro-2-methylphenol	ND	1900	ug/kg	270
2,4-Dinitrophenol	ND	1900	ug/kg	460
2,4-Dinitrotoluene	ND	380	ug/kg	20
2,6-Dinitrotoluene	ND	380	ug/kg	25
Di-n-octyl phthalate	ND	380	ug/kg	27
Fluoranthene	**3000**	**380**	**ug/kg**	**25**
Fluorene	**92 J**	**380**	**ug/kg**	**19**
Hexachlorobenzene	ND	380	ug/kg	23
Hexachlorobutadiene	ND	380	ug/kg	24
Hexachlorocyclopentadiene	ND	1900	ug/kg	18
Hexachloroethane	ND	380	ug/kg	17
Indeno(1,2,3-cd)pyrene	**1000**	**380**	**ug/kg**	**14**
Isophorone	ND	380	ug/kg	21
2-Methylnaphthalene	**81 J**	**380**	**ug/kg**	**21**
2-Methylphenol	ND	380	ug/kg	24
4-Methylphenol	ND	380	ug/kg	24
Naphthalene	**110 J**	**380**	**ug/kg**	**19**
2-Nitroaniline	ND	1900	ug/kg	23
3-Nitroaniline	ND	1900	ug/kg	33
4-Nitroaniline	ND	1900	ug/kg	16
Nitrobenzene	ND	380	ug/kg	9.6
2-Nitrophenol	ND	380	ug/kg	31
4-Nitrophenol	ND	1900	ug/kg	30
N-Nitrosodi-n-propylamine	ND	380	ug/kg	9.5
N-Nitrosodiphenylamine	ND	380	ug/kg	21
2,2'-oxybis(1-Chloropropane)	ND	380	ug/kg	23
Pentachlorophenol	ND	1900	ug/kg	29
Phenanthrene	**1100**	**380**	**ug/kg**	**19**
Phenol	ND	380	ug/kg	23
Pyrene	**2600**	**380**	**ug/kg**	**24**
2,4,5-Trichlorophenol	ND	380	ug/kg	32
2,4,6-Trichlorophenol	ND	380	ug/kg	31

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KNSR International

Client Sample ID: TP10(31)E(8-8.5)

GC/MS Semivolatiles

Lot-Sample #...: C8G160152-002 Work Order #...: KRK2P1AK Matrix.....: SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	63	(10 - 117)
2-Fluorobiphenyl	64	(20 - 109)
2-Fluorophenol	59	(10 - 113)
Nitrobenzene-d5	62	(18 - 106)
Phenol-d5	64	(18 - 113)
Terphenyl-d14	67	(10 - 138)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

ENSR International

Client Sample ID: TP11(50)E(8-8.5)

GC/MS Semivolatiles

Lot-Sample #...:	C8G160152-003	Work Order #...:	KRK2Q1AD	Matrix.....:	SO
Date Sampled...:	07/14/08 13:10	Date Received..:	07/16/08 09:30	MS Run #.....:	8203002
Prep Date.....:	07/21/08	Analysis Date..:	07/22/08		
Prep Batch #...:	8203010	Analysis Time..:	10:36		
Dilution Factor:	0.99	Initial Wgt/Vol:	15.2 g	Final Wgt/Vol..:	0.5 mL
% Moisture.....:	20	Analyst ID.....:	003200	Instrument ID..:	731
		Method.....:	SW846 8270C		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	**160 J**	**410**	**ug/kg**	**21**
Acenaphthylene	**280 J**	**410**	**ug/kg**	**24**
Acetophenone	ND	410	ug/kg	25
Anthracene	**600**	**410**	**ug/kg**	**23**
Atrazine	ND	410	ug/kg	28
Benzo(a)anthracene	**1800**	**410**	**ug/kg**	**16**
Benzo(a)pyrene	**1500**	**410**	**ug/kg**	**13**
Benzo(b)fluoranthene	**2300**	**410**	**ug/kg**	**16**
Benzo(ghi)perylene	**950**	**410**	**ug/kg**	**14**
Benzo(k)fluoranthene	ND	410	ug/kg	13
Benzaldehyde	ND 410 UJ	410	ug/kg	44
1,1'-Biphenyl	**43 J**	**410**	**ug/kg**	**23**
bis(2-Chloroethoxy) methane	ND	410	ug/kg	19
bis(2-Chloroethyl)-ether	ND	410	ug/kg	9.2
bis(2-Ethylhexyl) phthalate	ND	410	ug/kg	31
4-Bromophenyl phenyl ether	ND	410	ug/kg	18
Butyl benzyl phthalate	ND	410	ug/kg	33
Caprolactam	ND	410	ug/kg	78
Carbazole	**330 J**	**410**	**ug/kg**	**17**
4-Chloroaniline	ND	410	ug/kg	35
4-Chloro-3-methylphenol	ND	410	ug/kg	25
2-Chloronaphthalene	ND	410	ug/kg	24
2-Chlorophenol	ND	410	ug/kg	21
4-Chlorophenyl phenyl ether	ND	410	ug/kg	20
Chrysene	**1800**	**410**	**ug/kg**	**16**
Dibenz(a,h)anthracene	**250 J**	**410**	**ug/kg**	**26**
Dibenzofuran	**180 J**	**410**	**ug/kg**	**23**
3,3'-Dichlorobenzidine	ND	2000	ug/kg	92
2,4-Dichlorophenol	ND	410	ug/kg	12
Diethyl phthalate	ND	410	ug/kg	37
2,4-Dimethylphenol	ND	410	ug/kg	18
Dimethyl phthalate	ND	410	ug/kg	23

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ENSR International

Client Sample ID: TP11(50)E(8-8.5)

GC/MS Semivolatiles

Lot-Sample #...: C8G160152-003 Work Order #...: KRK2Q1AD Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-butyl phthalate	ND	410	ug/kg	68
4,6-Dinitro-2-methylphenol	ND	2000	ug/kg	290
2,4-Dinitrophenol	ND	2000	ug/kg	490
2,4-Dinitrotoluene	ND	410	ug/kg	21
2,6-Dinitrotoluene	ND	410	ug/kg	26
Di-n-octyl phthalate	ND	410	ug/kg	29
Fluoranthene	**3500**	**410**	**ug/kg**	**27**
Fluorene	**270 J**	**410**	**ug/kg**	**20**
Hexachlorobenzene	ND	410	ug/kg	25
Hexachlorobutadiene	ND	410	ug/kg	25
Hexachlorocyclopentadiene	ND	2000	ug/kg	19
Hexachloroethane	ND	410	ug/kg	18
Indeno(1,2,3-cd)pyrene	**840**	**410**	**ug/kg**	**15**
Isophorone	ND	410	ug/kg	23
2-Methylnaphthalene	**160 J**	**410**	**ug/kg**	**23**
2-Methylphenol	ND	410	ug/kg	26
4-Methylphenol	ND	410	ug/kg	26
Naphthalene	**290 J**	**410**	**ug/kg**	**20**
2-Nitroaniline	ND	2000	ug/kg	25
3-Nitroaniline	ND	2000	ug/kg	35
4-Nitroaniline	ND	2000	ug/kg	17
Nitrobenzene	ND	410	ug/kg	10
2-Nitrophenol	ND	410	ug/kg	33
4-Nitrophenol	ND	2000	ug/kg	32
N-Nitrosodi-n-propylamine	ND	410	ug/kg	10
N-Nitrosodiphenylamine	ND	410	ug/kg	22
2,2'-oxybis(1-Chloropropane)	ND	410	ug/kg	25
Pentachlorophenol	ND	2000	ug/kg	31
Phenanthrene	**3000**	**410**	**ug/kg**	**20**
Phenol	ND	410	ug/kg	25
Pyrene	**3200**	**410**	**ug/kg**	**25**
2,4,5-Trichlorophenol	ND	410	ug/kg	34
2,4,6-Trichlorophenol	ND	410	ug/kg	33

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ENSR International

Client Sample ID: TP11(50)E(8-8.5)

GC/MS Semivolatiles

Lot-Sample #...: C8G160152-003 Work Order #...: KRK2Q1AD Matrix.....: SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	56	(10 - 117)
2-Fluorobiphenyl	62	(20 - 109)
2-Fluorophenol	58	(10 - 113)
Nitrobenzene-d5	60	(18 - 106)
Phenol-d5	63	(18 - 113)
Terphenyl-d14	64	(10 - 138)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

ENSR International

Client Sample ID: TP12(5)W(8-8.5)

GC/MS Semivolatiles

Lot-Sample #...:	C8G160152-004	**Work Order #...:**	KRK2R1A7	**Matrix.....:**	SO
Date Sampled...:	07/15/08 10:00	**Date Received..:**	07/16/08 09:30	**MS Run #.....:**	8203002
Prep Date.....:	07/21/08	**Analysis Date..:**	07/22/08		
Prep Batch #...:	8203010	**Analysis Time..:**	10:58		
Dilution Factor:	5	**Initial Wgt/Vol:**	15 g	**Final Wgt/Vol..:**	0.5 mL
% Moisture.....:	24	**Analyst ID.....:**	003200	**Instrument ID..:**	731
		Method.....:	SW846 8270C		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	**4400**	**2200**	**ug/kg**	**110**
Acenaphthylene	**4400**	**2200**	**ug/kg**	**130**
Acetophenone	ND	2200	ug/kg	130
Anthracene	**13000**	**2200**	**ug/kg**	**120**
Atrazine	ND	2200	ug/kg	150
Benzo(a)anthracene	**35000**	**2200**	**ug/kg**	**87**
Benzo(a)pyrene	**27000**	**2200**	**ug/kg**	**68**
Benzo(b)fluoranthene	**40000**	**2200**	**ug/kg**	**84**
Benzo(ghi)perylene	**15000**	**2200**	**ug/kg**	**75**
Benzo(k)fluoranthene	ND	2200	ug/kg	70
Benzaldehyde	ND 2200UJ	2200	ug/kg	230
1,1'-Biphenyl	**260 J**	**2200**	**ug/kg**	**120**
bis(2-Chloroethoxy) methane	ND	2200	ug/kg	100
bis(2-Chloroethyl)-ether	ND	2200	ug/kg	49
bis(2-Ethylhexyl) phthalate	ND	2200	ug/kg	170
4-Bromophenyl phenyl ether	ND	2200	ug/kg	98
Butyl benzyl phthalate	ND	2200	ug/kg	180
Caprolactam	ND	2200	ug/kg	420
Carbazole	**5800**	**2200**	**ug/kg**	**90**
4-Chloroaniline	ND	2200	ug/kg	190
4-Chloro-3-methylphenol	ND	2200	ug/kg	130
2-Chloronaphthalene	ND	2200	ug/kg	130
2-Chlorophenol	ND	2200	ug/kg	110
4-Chlorophenyl phenyl ether	ND	2200	ug/kg	110
Chrysene	**29000**	**2200**	**ug/kg**	**87**
Dibenz(a,h)anthracene	**4300**	**2200**	**ug/kg**	**140**
Dibenzofuran	**14000**	**2200**	**ug/kg**	**120**
3,3'-Dichlorobenzidine	ND	11000	ug/kg	490
2,4-Dichlorophenol	ND	2200	ug/kg	65
Diethyl phthalate	ND	2200	ug/kg	200
2,4-Dimethylphenol	ND	2200	ug/kg	94
Dimethyl phthalate	ND	2200	ug/kg	120

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ENSR International

Client Sample ID: TP12(5)W(8-8.5)

GC/MS Semivolatiles

Lot-Sample #...: C8G160152-004 Work Order #...: KRK2R1A7 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-butyl phthalate	ND	2200	ug/kg	360
4,6-Dinitro-2-methylphenol	ND	11000	ug/kg	1500
2,4-Dinitrophenol	ND	11000	ug/kg	2600
2,4-Dinitrotoluene	ND	2200	ug/kg	110
2,6-Dinitrotoluene	ND	2200	ug/kg	140
Di-n-octyl phthalate	ND	2200	ug/kg	150
Fluoranthene	**63000**	**2200**	**ug/kg**	**140**
Fluorene	**22000**	**2200**	**ug/kg**	**110**
Hexachlorobenzene	ND	2200	ug/kg	130
Hexachlorobutadiene	ND	2200	ug/kg	130
Hexachlorocyclopentadiene	ND	11000	ug/kg	100
Hexachloroethane	ND	2200	ug/kg	98
Indeno(1,2,3-cd)pyrene	**15000**	**2200**	**ug/kg**	**78**
Isophorone	ND	2200	ug/kg	120
2-Methylnaphthalene	**570 J**	**2200**	**ug/kg**	**120**
2-Methylphenol	ND	2200	ug/kg	140
4-Methylphenol	ND	2200	ug/kg	140
Naphthalene	**2100 J**	**2200**	**ug/kg**	**110**
2-Nitroaniline	ND	11000	ug/kg	130
3-Nitroaniline	ND	11000	ug/kg	190
4-Nitroaniline	ND	11000	ug/kg	92
Nitrobenzene	ND	2200	ug/kg	55
2-Nitrophenol	ND	2200	ug/kg	170
4-Nitrophenol	ND	11000	ug/kg	170
N-Nitrosodi-n-propylamine	ND	2200	ug/kg	54
N-Nitrosodiphenylamine	ND	2200	ug/kg	120
2,2'-oxybis (1-Chloropropane)	ND	2200	ug/kg	130
Pentachlorophenol	ND	11000	ug/kg	160
Phenanthrene	**5400**	**2200**	**ug/kg**	**110**
Phenol	ND	2200	ug/kg	130
Pyrene	**54000**	**2200**	**ug/kg**	**130**
2,4,5-Trichlorophenol	ND	2200	ug/kg	180
2,4,6-Trichlorophenol	ND	2200	ug/kg	180

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ENSR International

Client Sample ID: TP12(5)W(8-8.5)

GC/MS Semivolatiles

Lot-Sample #...: C8G160152-004 Work Order #...: KRK2R1A7 Matrix.....: SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	85	(10 - 117)
2-Fluorobiphenyl	84	(20 - 109)
2-Fluorophenol	73	(10 - 113)
Nitrobenzene-d5	80	(18 - 106)
Phenol-d5	83	(18 - 113)
Terphenyl-d14	88	(10 - 138)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

ENSR International

Client Sample ID: TP12(17)W(10.5-11)

GC/MS Semivolatiles

Lot-Sample #...:	C8G160152-005	Work Order #...:	KRK2T1AL	Matrix.....:	SO
Date Sampled...:	07/15/08 11:00	Date Received..:	07/16/08 09:30	MS Run #.....:	8203002
Prep Date.....:	07/21/08	Analysis Date..:	07/22/08		
Prep Batch #...:	8203010	Analysis Time..:	12:04		
Dilution Factor:	0.99	Initial Wgt/Vol:	15.2 g	Final Wgt/Vol..:	0.5 mL
% Moisture.....:	20	Analyst ID.....:	003200	Instrument ID..:	731
		Method.....:	SW846 8270C		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	**140 J**	**410**	**ug/kg**	**21**
Acenaphthylene	**43 J**	**410**	**ug/kg**	**24**
Acetophenone	ND	410	ug/kg	25
Anthracene	**89 J**	**410**	**ug/kg**	**23**
Atrazine	ND	410	ug/kg	28
Benzo(a)anthracene	**150 J**	**410**	**ug/kg**	**16**
Benzo(a)pyrene	**150 J**	**410**	**ug/kg**	**13**
Benzo(b)fluoranthene	**240 J**	**410**	**ug/kg**	**16**
Benzo(ghi)perylene	**140 J**	**410**	**ug/kg**	**14**
Benzo(k)fluoranthene	ND	410	ug/kg	13
Benzaldehyde	ND 410 UJ	410	ug/kg	43
1,1'-Biphenyl	**47 J**	**410**	**ug/kg**	**22**
bis(2-Chloroethoxy) methane	ND	410	ug/kg	19
bis(2-Chloroethyl)-ether	ND	410	ug/kg	9.2
bis(2-Ethylhexyl) phthalate	ND	410	ug/kg	31
4-Bromophenyl phenyl ether	ND	410	ug/kg	18
Butyl benzyl phthalate	ND	410	ug/kg	33
Caprolactam	ND	410	ug/kg	77
Carbazole	**44 J**	**410**	**ug/kg**	**17**
4-Chloroaniline	ND	410	ug/kg	35
4-Chloro-3-methylphenol	ND	410	ug/kg	25
2-Chloronaphthalene	ND	410	ug/kg	24
2-Chlorophenol	ND	410	ug/kg	21
4-Chlorophenyl phenyl ether	ND	410	ug/kg	20
Chrysene	**160 J**	**410**	**ug/kg**	**16**
Dibenz(a,h)anthracene	ND	410	ug/kg	26
Dibenzofuran	**67 J**	**410**	**ug/kg**	**23**
3,3'-Dichlorobenzidine	ND	2000	ug/kg	92
2,4-Dichlorophenol	ND	410	ug/kg	12
Diethyl phthalate	ND	410	ug/kg	36
2,4-Dimethylphenol	ND	410	ug/kg	18
Dimethyl phthalate	ND	410	ug/kg	23

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ENSR International

Client Sample ID: TP12(17)W(10.5-11)

GC/MS Semivolatiles

Lot-Sample #...: C8G160152-005 Work Order #...: KRK2T1AL Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-butyl phthalate	ND	410	ug/kg	68
4,6-Dinitro-2-methylphenol	ND	2000	ug/kg	290
2,4-Dinitrophenol	ND	2000	ug/kg	480
2,4-Dinitrotoluene	ND	410	ug/kg	21
2,6-Dinitrotoluene	ND	410	ug/kg	26
Di-n-octyl phthalate	ND	410	ug/kg	28
Fluoranthene	**310 J**	**410**	**ug/kg**	**26**
Fluorene	**120 J**	**410**	**ug/kg**	**20**
Hexachlorobenzene	ND	410	ug/kg	25
Hexachlorobutadiene	ND	410	ug/kg	25
Hexachlorocyclopentadiene	ND	2000	ug/kg	19
Hexachloroethane	ND	410	ug/kg	18
Indeno(1,2,3-cd)pyrene	**110 J**	**410**	**ug/kg**	**14**
Isophorone	ND	410	ug/kg	23
2-Methylnaphthalene	**120 J**	**410**	**ug/kg**	**23**
2-Methylphenol	ND	410	ug/kg	26
4-Methylphenol	ND	410	ug/kg	26
Naphthalene	**840**	**410**	**ug/kg**	**20**
2-Nitroaniline	ND	2000	ug/kg	25
3-Nitroaniline	ND	2000	ug/kg	35
4-Nitroaniline	ND	2000	ug/kg	17
Nitrobenzene	ND	410	ug/kg	10
2-Nitrophenol	ND	410	ug/kg	32
4-Nitrophenol	ND	2000	ug/kg	32
N-Nitrosodi-n-propylamine	ND	410	ug/kg	10
N-Nitrosodiphenylamine	ND	410	ug/kg	22
2,2'-oxybis(1-Chloropropane)	ND	410	ug/kg	24
Pentachlorophenol	ND	2000	ug/kg	30
Phenanthrene	**270 J**	**410**	**ug/kg**	**20**
Phenol	ND	410	ug/kg	25
Pyrene	**270 J**	**410**	**ug/kg**	**25**
2,4,5-Trichlorophenol	ND	410	ug/kg	34
2,4,6-Trichlorophenol	ND	410	ug/kg	33

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ENSR International

Client Sample ID: TP12(17)W(10.5-11)

GC/MS Semivolatiles

Lot-Sample #...: C8G160152-005 Work Order #...: KRK2T1AL Matrix.....: SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	56	(10 - 117)
2-Fluorobiphenyl	55	(20 - 109)
2-Fluorophenol	52	(10 - 113)
Nitrobenzene-d5	54	(18 - 106)
Phenol-d5	55	(18 - 113)
Terphenyl-d14	58	(10 - 138)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

ENSR International

Client Sample ID: SB50(14.5-15)

GC/MS Semivolatiles

Lot-Sample #...:	C8G220214-001	Work Order #...:	KR0E21AD	Matrix.....:	SO
Date Sampled...:	07/17/08 13:50	Date Received..:	07/22/08 10:00	MS Run #.....:	8207007
Prep Date.....:	07/25/08	Analysis Date..:	07/28/08		
Prep Batch #...:	8207015	Analysis Time..:	02:16		
Dilution Factor:	10	Initial Wgt/Vol:	15 g	Final Wgt/Vol..:	5 mL
% Moisture.....:	21	Analyst ID.....:	003200	Instrument ID..:	731
		Method.....:	SW846 8270C		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	**820 J**	**4200**	**ug/kg**	**220**
Acenaphthylene	**910 J**	**4200**	**ug/kg**	**240**
Acetophenone	ND	4200	ug/kg	250
Anthracene	**1100 J**	**4200**	**ug/kg**	**240**
Atrazine	ND	4200	ug/kg	290
Benzo(a)anthracene	**1100 J**	**4200**	**ug/kg**	**170**
Benzo(a)pyrene	**710 J**	**4200**	**ug/kg**	**130**
Benzo(b)fluoranthene	**980 J**	**4200**	**ug/kg**	**160**
Benzo(ghi)perylene	**460 J**	**4200**	**ug/kg**	**140**
Benzo(k)fluoranthene	ND	4200	ug/kg	130
Benzaldehyde	ND 4200 UJ	4200	ug/kg	440
1,1'-Biphenyl	**2300 J**	**4200**	**ug/kg**	**230**
bis(2-Chloroethoxy) methane	ND	4200	ug/kg	200
bis(2-Chloroethyl)-ether	ND	4200	ug/kg	94
bis(2-Ethylhexyl) phthalate	**740 J**	**4200**	**ug/kg**	**320**
4-Bromophenyl phenyl ether	ND	4200	ug/kg	190
Butyl benzyl phthalate	ND	4200	ug/kg	340
Caprolactam	ND	4200	ug/kg	790
Carbazole	ND	4200	ug/kg	170
4-Chloroaniline	ND	4200	ug/kg	360
4-Chloro-3-methylphenol	ND	4200	ug/kg	260
2-Chloronaphthalene	ND	4200	ug/kg	240
2-Chlorophenol	ND	4200	ug/kg	210
4-Chlorophenyl phenyl ether	ND	4200	ug/kg	210
Chrysene	**900 J**	**4200**	**ug/kg**	**170**
Dibenz(a,h)anthracene	ND	4200	ug/kg	270
Dibenzofuran	**1100 J**	**4200**	**ug/kg**	**230**
3,3'-Dichlorobenzidine	ND	20000	ug/kg	940
2,4-Dichlorophenol	ND	4200	ug/kg	120
Diethyl phthalate	ND	4200	ug/kg	370
2,4-Dimethylphenol	ND	4200	ug/kg	180
Dimethyl phthalate	ND	4200	ug/kg	240

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ENSR International

Client Sample ID: SB50(14.5-15)

GC/MS Semivolatiles

Lot-Sample #...: C8G220214-001 Work Order #...: KR0E21AD Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-butyl phthalate	ND	4200	ug/kg	690
4,6-Dinitro-2-methylphenol	ND	20000	ug/kg	3000
2,4-Dinitrophenol	ND	20000	ug/kg	5000
2,4-Dinitrotoluene	ND	4200	ug/kg	220
2,6-Dinitrotoluene	ND	4200	ug/kg	270
Di-n-octyl phthalate	ND	4200	ug/kg	290
Fluoranthene	**2000 J**	**4200**	**ug/kg**	**270**
Fluorene	**1500 J**	**4200**	**ug/kg**	**200**
Hexachlorobenzene	ND	4200	ug/kg	250
Hexachlorobutadiene	ND	4200	ug/kg	260
Hexachlorocyclopentadiene	ND	20000	ug/kg	190
Hexachloroethane	ND	4200	ug/kg	190
Indeno(1,2,3-cd)pyrene	**360 J**	**4200**	**ug/kg**	**150**
Isophorone	ND	4200	ug/kg	230
2-Methylnaphthalene	**26000**	**4200**	**ug/kg**	**230**
2-Methylphenol	ND	4200	ug/kg	260
4-Methylphenol	ND	4200	ug/kg	260
Naphthalene	**130000**	**4200**	**ug/kg**	**200**
2-Nitroaniline	ND	20000	ug/kg	250
3-Nitroaniline	ND	20000	ug/kg	360
4-Nitroaniline	ND	20000	ug/kg	180
Nitrobenzene	ND	4200	ug/kg	100
2-Nitrophenol	ND	4200	ug/kg	330
4-Nitrophenol	ND	20000	ug/kg	330
N-Nitrosodi-n-propylamine	ND	4200	ug/kg	100
N-Nitrosodiphenylamine	ND	4200	ug/kg	230
2,2'-oxybis (1-Chloropropane)	ND	4200	ug/kg	250
Pentachlorophenol	ND	20000	ug/kg	310
Phenanthrene	**3700 J**	**4200**	**ug/kg**	**200**
Phenol	ND	4200	ug/kg	250
Pyrene	**2200 J**	**4200**	**ug/kg**	**260**
2,4,5-Trichlorophenol	ND	4200	ug/kg	350
2,4,6-Trichlorophenol	ND	4200	ug/kg	340

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ENSR International

Client Sample ID: SB50(14.5-15)

GC/MS Semivolatiles

Lot-Sample #...: C8G220214-001 Work Order #...: KR0E21AD Matrix.....: SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	68	(10 - 117)
2-Fluorobiphenyl	74	(20 - 109)
2-Fluorophenol	67	(10 - 113)
Nitrobenzene-d5	72	(18 - 106)
Phenol-d5	73	(18 - 113)
Terphenyl-d14	80	(10 - 138)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

KNSR International

Client Sample ID: SB50(22-24)

GC/MS Semivolatiles

Lot-Sample #...:	C8G220214-002	**Work Order #...:**	KR0FC1AL	**Matrix.....:**	SO
Date Sampled...:	07/17/08 14:20	**Date Received..:**	07/22/08 10:00	**MS Run #.....:**	8207007
Prep Date.....:	07/25/08	**Analysis Date..:**	07/28/08		
Prep Batch #...:	8207015	**Analysis Time..:**	02:39		
Dilution Factor:	0.99	**Initial Wgt/Vol:**	15.2 g	**Final Wgt/Vol..:**	5 mL
% Moisture.....:	25	**Analyst ID.....:**	003200	**Instrument ID..:**	731
		Method.....:	SW846 8270C		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	430	ug/kg	23
Acenaphthylene	ND	430	ug/kg	25
Acetophenone	ND	430	ug/kg	26
Anthracene	ND	430	ug/kg	25
Atrazine	ND	430	ug/kg	30
Benzo(a)anthracene	ND	430	ug/kg	17
Benzo(a)pyrene	ND	430	ug/kg	13
Benzo(b)fluoranthene	ND	430	ug/kg	17
Benzo(ghi)perylene	ND	430	ug/kg	15
Benzo(k)fluoranthene	ND	430	ug/kg	14
Benzaldehyde	ND 430 UJ	430	ug/kg	46
1,1'-Biphenyl	ND	430	ug/kg	24
bis(2-Chloroethoxy) methane	ND	430	ug/kg	20
bis(2-Chloroethyl)-ether	ND	430	ug/kg	9.8
bis(2-Ethylhexyl) phthalate	ND	430	ug/kg	33
4-Bromophenyl phenyl ether	ND	430	ug/kg	20
Butyl benzyl phthalate	ND	430	ug/kg	35
Caprolactam	ND	430	ug/kg	83
Carbazole	ND	430	ug/kg	18
4-Chloroaniline	ND	430	ug/kg	38
4-Chloro-3-methylphenol	ND	430	ug/kg	27
2-Chloronaphthalene	ND	430	ug/kg	25
2-Chlorophenol	ND	430	ug/kg	22
4-Chlorophenyl phenyl ether	ND	430	ug/kg	22
Chrysene	ND	430	ug/kg	17
Dibenz(a,h)anthracene	ND	430	ug/kg	28
Dibenzofuran	ND	430	ug/kg	24
3,3'-Dichlorobenzidine	ND	2100	ug/kg	98
2,4-Dichlorophenol	ND	430	ug/kg	13
Diethyl phthalate	ND	430	ug/kg	39
2,4-Dimethylphenol	ND	430	ug/kg	19
Dimethyl phthalate	ND	430	ug/kg	25

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ENSR International

Client Sample ID: SB50(22-24)

GC/MS Semivolatiles

Lot-Sample #...: C8G220214-002 Work Order #...: KR0FC1AL Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-butyl phthalate	ND	430	ug/kg	72
4,6-Dinitro-2-methylphenol	ND	2100	ug/kg	310
2,4-Dinitrophenol	ND	2100	ug/kg	520
2,4-Dinitrotoluene	ND	430	ug/kg	23
2,6-Dinitrotoluene	ND	430	ug/kg	28
Di-n-octyl phthalate	ND	430	ug/kg	30
Fluoranthene	ND	430	ug/kg	28
Fluorene	ND	430	ug/kg	21
Hexachlorobenzene	ND	430	ug/kg	26
Hexachlorobutadiene	ND	430	ug/kg	27
Hexachlorocyclopentadiene	ND	2100	ug/kg	20
Hexachloroethane	ND	430	ug/kg	19
Indeno(1,2,3-cd)pyrene	ND	430	ug/kg	15
Isophorone	ND	430	ug/kg	24
2-Methylnaphthalene	**150 J**	**430**	**ug/kg**	**24**
2-Methylphenol	ND	430	ug/kg	27
4-Methylphenol	ND	430	ug/kg	27
Naphthalene	**5200**	**430**	**ug/kg**	**21**
2-Nitroaniline	ND	2100	ug/kg	26
3-Nitroaniline	ND	2100	ug/kg	37
4-Nitroaniline	ND	2100	ug/kg	18
Nitrobenzene	ND	430	ug/kg	11
2-Nitrophenol	ND	430	ug/kg	35
4-Nitrophenol	ND	2100	ug/kg	34
N-Nitrosodi-n-propylamine	ND	430	ug/kg	11
N-Nitrosodiphenylamine	ND	430	ug/kg	24
2,2'-oxybis(1-Chloropropane)	ND	430	ug/kg	26
Pentachlorophenol	ND	2100	ug/kg	32
Phenanthrene	ND	430	ug/kg	21
Phenol	ND	430	ug/kg	26
Pyrene	ND	430	ug/kg	27
2,4,5-Trichlorophenol	ND	430	ug/kg	36
2,4,6-Trichlorophenol	ND	430	ug/kg	35

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ENSR International

Client Sample ID: SB50(22-24)

GC/MS Semivolatiles

Lot-Sample #...: C8G220214-002 Work Order #...: KR0FC1AL Matrix.....: SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	62	(10 - 117)
2-Fluorobiphenyl	67	(20 - 109)
2-Fluorophenol	65	(10 - 113)
Nitrobenzene-d5	68	(18 - 106)
Phenol-d5	70	(18 - 113)
Terphenyl-d14	63	(10 - 138)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

ENSR International

Client Sample ID: SB50(24-26)

GC/MS Semivolatiles

Lot-Sample #...:	C8G220214-003	Work Order #...:	KR0FG1AL	Matrix.....:	SO
Date Sampled...:	07/17/08 14:30	Date Received..:	07/22/08 10:00	MS Run #.....:	8207007
Prep Date.....:	07/25/08	Analysis Date..:	07/28/08		
Prep Batch #...:	8207015	Analysis Time..:	03:01		
Dilution Factor:	1	Initial Wgt/Vol:	15 g	Final Wgt/Vol..:	5 mL
% Moisture.....:	17	Analyst ID.....:	003200	Instrument ID..:	731
		Method.....:	SW846 8270C		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	400	ug/kg	21
Acenaphthylene	ND	400	ug/kg	23
Acetophenone	ND	400	ug/kg	24
Anthracene	ND	400	ug/kg	23
Atrazine	ND	400	ug/kg	28
Benzo(a)anthracene	**32 J**	**400**	**ug/kg**	**16**
Benzo(a)pyrene	**35 J**	**400**	**ug/kg**	**12**
Benzo(b)fluoranthene	**44 J**	**400**	**ug/kg**	**15**
Benzo(ghi)perylene	**23 J**	**400**	**ug/kg**	**14**
Benzo(k)fluoranthene	ND	400	ug/kg	13
Benzaldehyde	ND 400 UJ	400	ug/kg	42
1,1'-Biphenyl	ND	400	ug/kg	22
bis(2-Chloroethoxy) methane	ND	400	ug/kg	19
bis(2-Chloroethyl)- ether	ND	400	ug/kg	9.0
bis(2-Ethylhexyl) phthalate	**170 J**	**400**	**ug/kg**	**31**
4-Bromophenyl phenyl ether	ND	400	ug/kg	18
Butyl benzyl phthalate	ND	400	ug/kg	32
Caprolactam	ND	400	ug/kg	76
Carbazole	ND	400	ug/kg	16
4-Chloroaniline	ND	400	ug/kg	34
4-Chloro-3-methylphenol	ND	400	ug/kg	24
2-Chloronaphthalene	ND	400	ug/kg	23
2-Chlorophenol	ND	400	ug/kg	20
4-Chlorophenyl phenyl ether	ND	400	ug/kg	20
Chrysene	**31 J**	**400**	**ug/kg**	**16**
Dibenz(a,h)anthracene	ND	400	ug/kg	25
Dibenzofuran	ND	400	ug/kg	22
3,3'-Dichlorobenzidine	ND	1900	ug/kg	90
2,4-Dichlorophenol	ND	400	ug/kg	12
Diethyl phthalate	ND	400	ug/kg	36
2,4-Dimethylphenol	ND	400	ug/kg	17
Dimethyl phthalate	ND	400	ug/kg	23

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ENSR International

Client Sample ID: SB50(24-26)

GC/MS Semivolatiles

Lot-Sample #...: C8G220214-003 Work Order #...: KR0FG1AL Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-butyl phthalate	ND	400	ug/kg	66
4,6-Dinitro-2-methylphenol	ND	1900	ug/kg	280
2,4-Dinitrophenol	ND	1900	ug/kg	470
2,4-Dinitrotoluene	ND	400	ug/kg	21
2,6-Dinitrotoluene	ND	400	ug/kg	26
Di-n-octyl phthalate	ND	400	ug/kg	28
Fluoranthene	**48 J**	**400**	**ug/kg**	**26**
Fluorene	ND	400	ug/kg	19
Hexachlorobenzene	ND	400	ug/kg	24
Hexachlorobutadiene	ND	400	ug/kg	24
Hexachlorocyclopentadiene	ND	1900	ug/kg	18
Hexachloroethane	ND	400	ug/kg	18
Indeno(1,2,3-cd)pyrene	**17 J**	**400**	**ug/kg**	**14**
Isophorone	ND	400	ug/kg	22
2-Methylnaphthalene	**49 J**	**400**	**ug/kg**	**22**
2-Methylphenol	ND	400	ug/kg	25
4-Methylphenol	ND	400	ug/kg	25
Naphthalene	**270 J**	**400**	**ug/kg**	**19**
2-Nitroaniline	ND	1900	ug/kg	24
3-Nitroaniline	ND	1900	ug/kg	34
4-Nitroaniline	ND	1900	ug/kg	17
Nitrobenzene	ND	400	ug/kg	9.9
2-Nitrophenol	ND	400	ug/kg	32
4-Nitrophenol	ND	1900	ug/kg	31
N-Nitrosodi-n-propylamine	ND	400	ug/kg	9.8
N-Nitrosodiphenylamine	ND	400	ug/kg	22
2,2'-oxybis(1-Chloropropane)	ND	400	ug/kg	24
Pentachlorophenol	ND	1900	ug/kg	30
Phenanthrene	**31 J**	**400**	**ug/kg**	**19**
Phenol	ND	400	ug/kg	24
Pyrene	**51 J**	**400**	**ug/kg**	**24**
2,4,5-Trichlorophenol	ND	400	ug/kg	33
2,4,6-Trichlorophenol	ND	400	ug/kg	32

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ENSR International

Client Sample ID: SB50(24-26)

GC/MS Semivolatiles

Lot-Sample #...: C8G220214-003 Work Order #...: KR0FG1AL Matrix.....: SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	57	(10 - 117)
2-Fluorobiphenyl	62	(20 - 109)
2-Fluorophenol	56	(10 - 113)
Nitrobenzene-d5	60	(18 - 106)
Phenol-d5	61	(18 - 113)
Terphenyl-d14	58	(10 - 138)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

ENSR International

Client Sample ID: SB50(80-81)

GC/MS Semivolatiles

Lot-Sample #...: C8G260118-001	Work Order #...: KR7VJ1AD	Matrix.....: SO	
Date Sampled...: 07/22/08 15:00	Date Received..: 07/26/08 09:10	MS Run #.....: 8213033	
Prep Date.....: 07/31/08	Analysis Date..: 08/04/08		
Prep Batch #...: 8213071	Analysis Time..: 07:46		
Dilution Factor: 1	Initial Wgt/Vol: 15 g	Final Wgt/Vol..: 5 mL	
% Moisture.....: 16	Analyst ID.....: 007062	Instrument ID..: 732	
	Method.....: SW846 8270C		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	390	ug/kg	20
Acenaphthylene	ND	390	ug/kg	23
Acetophenone	ND	390	ug/kg	24
Anthracene	ND	390	ug/kg	22
Atrazine	ND	390	ug/kg	27
Benzo(a)anthracene	ND	390	ug/kg	16
Benzo(a)pyrene	ND	390	ug/kg	12
Benzo(b)fluoranthene	ND 390 UJ	390	ug/kg	15
Benzo(ghi)perylene	ND	390	ug/kg	13
Benzo(k)fluoranthene	ND	390	ug/kg	13
Benzaldehyde	ND 390 UJ	390	ug/kg	42
1,1'-Biphenyl	ND	390	ug/kg	22
bis(2-Chloroethoxy) methane	ND	390	ug/kg	18
bis(2-Chloroethyl)-ether	ND	390	ug/kg	8.8
bis(2-Ethylhexyl) phthalate	ND	390	ug/kg	30
4-Bromophenyl phenyl ether	ND	390	ug/kg	18
Butyl benzyl phthalate	ND	390	ug/kg	32
Caprolactam	ND	390	ug/kg	74
Carbazole	ND	390	ug/kg	16
4-Chloroaniline	ND	390	ug/kg	34
4-Chloro-3-methylphenol	ND	390	ug/kg	24
2-Chloronaphthalene	ND	390	ug/kg	23
2-Chlorophenol	ND	390	ug/kg	20
4-Chlorophenyl phenyl ether	ND	390	ug/kg	19
Chrysene	ND	390	ug/kg	16
Dibenz(a,h)anthracene	ND	390	ug/kg	25
Dibenzofuran	ND	390	ug/kg	22
3,3'-Dichlorobenzidine	ND	1900	ug/kg	88
2,4-Dichlorophenol	ND	390	ug/kg	12
Diethyl phthalate	ND	390	ug/kg	35
2,4-Dimethylphenol	ND	390	ug/kg	17
Dimethyl phthalate	ND	390	ug/kg	22

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ENSR International

Client Sample ID: SB50(80-81)

GC/MS Semivolatiles

Lot-Sample #...: C8G260118-001 Work Order #...: KR7VJ1AD Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-butyl phthalate	ND	390	ug/kg	65
4,6-Dinitro-2-methylphenol	ND	1900	ug/kg	280
2,4-Dinitrophenol	ND	1900	ug/kg	460
2,4-Dinitrotoluene	ND	390	ug/kg	20
2,6-Dinitrotoluene	ND	390	ug/kg	25
Di-n-octyl phthalate	ND	390	ug/kg	27
Fluoranthene	ND	390	ug/kg	25
Fluorene	ND	390	ug/kg	19
Hexachlorobenzene	ND	390	ug/kg	24
Hexachlorobutadiene	ND	390	ug/kg	24
Hexachlorocyclopentadiene	ND	1900	ug/kg	18
Hexachloroethane	ND	390	ug/kg	18
Indeno(1,2,3-cd)pyrene	ND	390	ug/kg	14
Isophorone	**96 J**	**390**	**ug/kg**	22
2-Methylnaphthalene	ND	390	ug/kg	22
2-Methylphenol	ND	390	ug/kg	25
4-Methylphenol	ND	390	ug/kg	25
Naphthalene	ND	390	ug/kg	19
2-Nitroaniline	ND	1900	ug/kg	24
3-Nitroaniline	ND	1900	ug/kg	34
4-Nitroaniline	ND 1900 UJ	1900	ug/kg	17
Nitrobenzene	ND	390	ug/kg	9.8
2-Nitrophenol	ND	390	ug/kg	31
4-Nitrophenol	ND	1900	ug/kg	31
N-Nitrosodi-n-propylamine	ND	390	ug/kg	9.6
N-Nitrosodiphenylamine	ND	390	ug/kg	21
2,2'-oxybis(1-Chloropropane)	ND	390	ug/kg	24
Pentachlorophenol	ND	1900	ug/kg	29
Phenanthrene	ND	390	ug/kg	19
Phenol	ND	390	ug/kg	24
Pyrene	ND	390	ug/kg	24
2,4,5-Trichlorophenol	ND	390	ug/kg	32
2,4,6-Trichlorophenol	ND	390	ug/kg	32

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ENSR International

Client Sample ID: SB50(80-81)

GC/MS Semivolatiles

Lot-Sample #...: C8G260118-001 Work Order #...: KR7VJ1AD Matrix.....: SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	86	(10 - 117)
2-Fluorobiphenyl	75	(20 - 109)
2-Fluorophenol	77	(10 - 113)
Nitrobenzene-d5	85	(18 - 106)
Phenol-d5	75	(18 - 113)
Terphenyl-d14	77	(10 - 138)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

ENSR International

Client Sample ID: SB46(8-10)

GC/MS Semivolatiles

Lot-Sample #...:	C8G260118-002	Work Order #...:	KR7VP1AL	Matrix.....:	SO
Date Sampled...:	07/24/08 09:20	Date Received..:	07/26/08 09:10	MS Run #.....:	8213033
Prep Date.....:	07/31/08	Analysis Date..:	08/04/08		
Prep Batch #...:	8213071	Analysis Time..:	08:29		
Dilution Factor:	10	Initial Wgt/Vol:	15 g	Final Wgt/Vol..:	5 mL
% Moisture.....:	18	Analyst ID.....:	007062	Instrument ID..:	732
		Method.....:	SW846 8270C		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	**6800**	**4000**	**ug/kg**	**210**
Acenaphthylene	**990 J**	**4000**	**ug/kg**	**230**
Acetophenone	ND	4000	ug/kg	240
Anthracene	**7600**	**4000**	**ug/kg**	**230**
Atrazine	ND	4000	ug/kg	280
Benzo(a)anthracene	**14000**	**4000**	**ug/kg**	**160**
Benzo(a)pyrene	**12000**	**4000**	**ug/kg**	**120**
Benzo(b)fluoranthene	**16000 J**	**4000**	**ug/kg**	**150**
Benzo(ghi)perylene	**6600**	**4000**	**ug/kg**	**140**
Benzo(k)fluoranthene	ND	4000	ug/kg	130
Benzaldehyde	ND 4000 UJ	4000	ug/kg	430
1,1'-Biphenyl	**1400 J**	**4000**	**ug/kg**	**220**
bis(2-Chloroethoxy) methane	ND	4000	ug/kg	190
bis(2-Chloroethyl)-ether	ND	4000	ug/kg	91
bis(2-Ethylhexyl) phthalate	ND	4000	ug/kg	310
4-Bromophenyl phenyl ether	ND	4000	ug/kg	180
Butyl benzyl phthalate	ND	4000	ug/kg	320
Caprolactam	ND	4000	ug/kg	760
Carbazole	**3200 J**	**4000**	**ug/kg**	**170**
4-Chloroaniline	ND	4000	ug/kg	350
4-Chloro-3-methylphenol	ND	4000	ug/kg	250
2-Chloronaphthalene	ND	4000	ug/kg	230
2-Chlorophenol	ND	4000	ug/kg	200
4-Chlorophenyl phenyl ether	ND	4000	ug/kg	200
Chrysene	**10000**	**4000**	**ug/kg**	**160**
Dibenz(a,h)anthracene	**2200 J**	**4000**	**ug/kg**	**260**
Dibenzofuran	**6300**	**4000**	**ug/kg**	**220**
3,3'-Dichlorobenzidine	ND	19000	ug/kg	910
2,4-Dichlorophenol	ND	4000	ug/kg	120
Diethyl phthalate	ND	4000	ug/kg	360
2,4-Dimethylphenol	ND	4000	ug/kg	170
Dimethyl phthalate	ND	4000	ug/kg	230

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ENSR International

Client Sample ID: SB46(8-10)

GC/MS Semivolatiles

Lot-Sample #...: C8G260118-002 Work Order #...: KR7VP1AL Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-butyl phthalate	ND	4000	ug/kg	670
4,6-Dinitro-2-methylphenol	ND	19000	ug/kg	2800
2,4-Dinitrophenol	ND	19000	ug/kg	4800
2,4-Dinitrotoluene	ND	4000	ug/kg	210
2,6-Dinitrotoluene	ND	4000	ug/kg	260
Di-n-octyl phthalate	ND	4000	ug/kg	280
Fluoranthene	**31000**	**4000**	**ug/kg**	**260**
Fluorene	**6100**	**4000**	**ug/kg**	**200**
Hexachlorobenzene	ND	4000	ug/kg	240
Hexachlorobutadiene	ND	4000	ug/kg	250
Hexachlorocyclopentadiene	ND	19000	ug/kg	180
Hexachloroethane	ND	4000	ug/kg	180
Indeno(1,2,3-cd)pyrene	**6200** J	**4000**	**ug/kg**	**140**
Isophorone	ND	4000	ug/kg	220
2-Methylnaphthalene	**5900**	**4000**	**ug/kg**	**220**
2-Methylphenol	ND	4000	ug/kg	250
4-Methylphenol	ND	4000	ug/kg	250
Naphthalene	**75000**	**4000**	**ug/kg**	**200**
2-Nitroaniline	ND	19000	ug/kg	240
3-Nitroaniline	ND	19000	ug/kg	350
4-Nitroaniline	ND 1900 UJ	19000	ug/kg	170
Nitrobenzene	ND	4000	ug/kg	100
2-Nitrophenol	ND	4000	ug/kg	320
4-Nitrophenol	ND	19000	ug/kg	310
N-Nitrosodi-n-propylamine	ND	4000	ug/kg	99
N-Nitrosodiphenylamine	ND	4000	ug/kg	220
2,2'-oxybis(1-Chloropropane)	ND	4000	ug/kg	240
Pentachlorophenol	ND	19000	ug/kg	300
Phenanthrene	**21000**	**4000**	**ug/kg**	**190**
Phenol	ND	4000	ug/kg	240
Pyrene	**23000**	**4000**	**ug/kg**	**250**
2,4,5-Trichlorophenol	ND	4000	ug/kg	330
2,4,6-Trichlorophenol	ND	4000	ug/kg	320

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ENSR International

Client Sample ID: SB46(8-10)

GC/MS Semivolatiles

Lot-Sample #...: C8G260118-002 Work Order #...: KR7VP1AL Matrix.....: SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	85	(10 - 117)
2-Fluorobiphenyl	79	(20 - 109)
2-Fluorophenol	80	(10 - 113)
Nitrobenzene-d5	75	(18 - 106)
Phenol-d5	79	(18 - 113)
Terphenyl-d14	88	(10 - 138)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

ENSR International

Client Sample ID: SB46(74-76)

GC/MS Semivolatiles

Lot-Sample #...:	C8H080154-001	**Work Order #...:**	KTTRF1AD	**Matrix.....:**	SO
Date Sampled...:	07/31/08 14:00	**Date Received..:**	08/07/08 09:15	**MS Run #.....:**	8225006
Prep Date.....:	08/12/08	**Analysis Date..:**	08/13/08		
Prep Batch #...:	8225018	**Analysis Time..:**	08:02		
Dilution Factor:	1	**Initial Wgt/Vol:**	15 g	**Final Wgt/Vol..:**	5 mL
% Moisture.....:	12	**Analyst ID.....:**	003200	**Instrument ID..:**	733
		Method.....:	SW846 8270C		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	380	ug/kg	20
Acenaphthylene	ND	380	ug/kg	22
Acetophenone	ND	380	ug/kg	23
Anthracene	ND	380	ug/kg	21
Atrazine	ND	380	ug/kg	26
Benzo(a)anthracene	ND	380	ug/kg	15
Benzo(a)pyrene	ND	380	ug/kg	12
Benzo(b)fluoranthene	ND	380	ug/kg	15
Benzo(ghi)perylene	ND	380	ug/kg	13
Benzo(k)fluoranthene	ND	380	ug/kg	12
Benzaldehyde	ND 380 U J	380	ug/kg	40
1,1'-Biphenyl	ND	380	ug/kg	21
bis(2-Chloroethoxy) methane	ND	380	ug/kg	18
bis(2-Chloroethyl)-ether	ND	380	ug/kg	8.5
bis(2-Ethylhexyl) phthalate	ND	380	ug/kg	29
4-Bromophenyl phenyl ether	ND	380	ug/kg	17
Butyl benzyl phthalate	ND	380	ug/kg	30
Caprolactam	ND	380	ug/kg	71
Carbazole	ND	380	ug/kg	15
4-Chloroaniline	ND	380	ug/kg	32
4-Chloro-3-methylphenol	ND	380	ug/kg	23
2-Chloronaphthalene	ND	380	ug/kg	22
2-Chlorophenol	ND	380	ug/kg	19
4-Chlorophenyl phenyl ether	ND	380	ug/kg	19
Chrysene	ND	380	ug/kg	15
Dibenz(a,h)anthracene	ND	380	ug/kg	24
Dibenzofuran	ND	380	ug/kg	21
3,3'-Dichlorobenzidine	ND	1800	ug/kg	85
2,4-Dichlorophenol	ND	380	ug/kg	11
Diethyl phthalate	ND	380	ug/kg	34
2,4-Dimethylphenol	ND	380	ug/kg	16
Dimethyl phthalate	ND	380	ug/kg	21

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ENSR International

Client Sample ID: SB46(74-76)

GC/MS Semivolatiles

Lot-Sample #...: C8H080154-001 Work Order #...: KTTRF1AD Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-butyl phthalate	ND	380	ug/kg	63
4,6-Dinitro-2-methylphenol	ND	1800	ug/kg	270
2,4-Dinitrophenol	ND	1800	ug/kg	450
2,4-Dinitrotoluene	ND	380	ug/kg	19
2,6-Dinitrotoluene	ND	380	ug/kg	24
Di-n-octyl phthalate	ND	380	ug/kg	26
Fluoranthene	ND	380	ug/kg	24
Fluorene	ND	380	ug/kg	18
Hexachlorobenzene	ND	380	ug/kg	23
Hexachlorobutadiene	ND	380	ug/kg	23
Hexachlorocyclopentadiene	ND	1800	ug/kg	17
Hexachloroethane	ND	380	ug/kg	17
Indeno(1,2,3-cd)pyrene	ND	380	ug/kg	13
Isophorone	ND	380	ug/kg	21
2-Methylnaphthalene	ND	380	ug/kg	21
2-Methylphenol	ND	380	ug/kg	24
4-Methylphenol	ND	380	ug/kg	24
Naphthalene	ND	380	ug/kg	18
2-Nitroaniline	ND	1800	ug/kg	23
3-Nitroaniline	ND	1800	ug/kg	32
4-Nitroaniline	ND	1800	ug/kg	16
Nitrobenzene	ND	380	ug/kg	9.4
2-Nitrophenol	ND	380	ug/kg	30
4-Nitrophenol	ND	1800	ug/kg	29
N-Nitrosodi-n-propylamine	ND	380	ug/kg	9.2
N-Nitrosodiphenylamine	ND	380	ug/kg	20
2,2'-oxybis(1-Chloropropane)	ND	380	ug/kg	23
Pentachlorophenol	ND	1800	ug/kg	28
Phenanthrene	ND	380	ug/kg	18
Phenol	ND	380	ug/kg	23
Pyrene	ND	380	ug/kg	23
2,4,5-Trichlorophenol	ND	380	ug/kg	31
2,4,6-Trichlorophenol	ND	380	ug/kg	30

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ENSR International

Client Sample ID: SB46(74-76)

GC/MS Semivolatiles

Lot-Sample #...: C8H080154-001 Work Order #...: KTTRF1AD Matrix.....: SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	86	(10 - 117)
2-Fluorobiphenyl	83	(20 - 109)
2-Fluorophenol	78	(10 - 113)
Nitrobenzene-d5	83	(18 - 106)
Phenol-d5	80	(18 - 113)
Terphenyl-d14	104	(10 - 138)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

ENSR International

Client Sample ID: SB49(8-10)

GC/MS Semivolatiles

Lot-Sample #...:	C8H080154-002	Work Order #...:	KTTRR1AL	Matrix.....:	SO
Date Sampled...:	08/01/08 10:15	Date Received..:	08/07/08 09:15	MS Run #.....:	8225006
Prep Date.....:	08/12/08	Analysis Date..:	08/13/08		
Prep Batch #...:	8225018	Analysis Time..:	08:22		
Dilution Factor:	1	Initial Wgt/Vol:	15 g	Final Wgt/Vol..:	5 mL
% Moisture.....:	34	Analyst ID.....:	003200	Instrument ID..:	733
		Method.....:	SW846 8270C		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	**560**	**500**	**ug/kg**	**26**
Acenaphthylene	**320 J**	**500**	**ug/kg**	**29**
Acetophenone	ND	500	ug/kg	30
Anthracene	**630**	**500**	**ug/kg**	**28**
Atrazine	ND	500	ug/kg	34
Benzo(a)anthracene	**3000**	**500**	**ug/kg**	**20**
Benzo(a)pyrene	**1900**	**500**	**ug/kg**	**15**
Benzo(b)fluoranthene	**2700**	**500**	**ug/kg**	**19**
Benzo(ghi)perylene	**1100**	**500**	**ug/kg**	**17**
Benzo(k)fluoranthene	ND	500	ug/kg	16
Benzaldehyde	ND 500 UJ	500	ug/kg	53
1,1'-Biphenyl	**60 J**	**500**	**ug/kg**	**27**
bis(2-Chloroethoxy) methane	ND	500	ug/kg	23
bis(2-Chloroethyl)-ether	ND	500	ug/kg	11
bis(2-Ethylhexyl) phthalate	ND	500	ug/kg	38
4-Bromophenyl phenyl ether	ND	500	ug/kg	22
Butyl benzyl phthalate	ND	500	ug/kg	40
Caprolactam	ND	500	ug/kg	94
Carbazole	**140 J**	**500**	**ug/kg**	**20**
4-Chloroaniline	ND	500	ug/kg	43
4-Chloro-3-methylphenol	ND	500	ug/kg	30
2-Chloronaphthalene	ND	500	ug/kg	29
2-Chlorophenol	ND	500	ug/kg	25
4-Chlorophenyl phenyl ether	ND	500	ug/kg	25
Chrysene	**2100**	**500**	**ug/kg**	**20**
Dibenz(a,h)anthracene	**220 J**	**500**	**ug/kg**	**32**
Dibenzofuran	**210 J**	**500**	**ug/kg**	**28**
3,3'-Dichlorobenzidine	ND	2400	ug/kg	110
2,4-Dichlorophenol	ND	500	ug/kg	15
Diethyl phthalate	ND	500	ug/kg	45
2,4-Dimethylphenol	ND	500	ug/kg	21
Dimethyl phthalate	ND	500	ug/kg	28

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ENSR International

Client Sample ID: SB49(8-10)

GC/MS Semivolatiles

Lot-Sample #...: C8H080154-002 Work Order #...: KTTRR1AL Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-butyl phthalate	ND	500	ug/kg	83
4,6-Dinitro-2-methylphenol	ND	2400	ug/kg	350
2,4-Dinitrophenol	ND	2400	ug/kg	590
2,4-Dinitrotoluene	ND	500	ug/kg	26
2,6-Dinitrotoluene	ND	500	ug/kg	32
Di-n-octyl phthalate	ND	500	ug/kg	35
Fluoranthene	**15000**	**500**	**ug/kg**	**32**
Fluorene	**370 J**	**500**	**ug/kg**	**24**
Hexachlorobenzene	ND	500	ug/kg	30
Hexachlorobutadiene	ND	500	ug/kg	31
Hexachlorocyclopentadiene	ND	2400	ug/kg	23
Hexachloroethane	ND	500	ug/kg	22
Indeno(1,2,3-cd)pyrene	**1000**	**500**	**ug/kg**	**18**
Isophorone	ND	500	ug/kg	28
2-Methylnaphthalene	**77 J**	**500**	**ug/kg**	**28**
2-Methylphenol	ND	500	ug/kg	31
4-Methylphenol	ND	500	ug/kg	31
Naphthalene	**320 J**	**500**	**ug/kg**	**24**
2-Nitroaniline	ND	2400	ug/kg	30
3-Nitroaniline	ND	2400	ug/kg	43
4-Nitroaniline	ND	2400	ug/kg	21
Nitrobenzene	ND	500	ug/kg	12
2-Nitrophenol	ND	500	ug/kg	40
4-Nitrophenol	ND	2400	ug/kg	39
N-Nitrosodi-n-propylamine	ND	500	ug/kg	12
N-Nitrosodiphenylamine	ND	500	ug/kg	27
2,2'-oxybis(1-Chloropropane)	ND	500	ug/kg	30
Pentachlorophenol	ND	2400	ug/kg	37
Phenanthrene	**930**	**500**	**ug/kg**	**24**
Phenol	ND	500	ug/kg	30
Pyrene	**12000**	**500**	**ug/kg**	**31**
2,4,5-Trichlorophenol	ND	500	ug/kg	41
2,4,6-Trichlorophenol	ND	500	ug/kg	40

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ENSR International

Client Sample ID: SB49(8-10)

GC/MS Semivolatiles

Lot-Sample #...: C8H080154-002 Work Order #...: KTTRR1AL Matrix.....: SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	83	(10 - 117)
2-Fluorobiphenyl	76	(20 - 109)
2-Fluorophenol	66	(10 - 113)
Nitrobenzene-d5	72	(18 - 106)
Phenol-d5	71	(18 - 113)
Terphenyl-d14	88	(10 - 138)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

ENSR International

Client Sample ID: SB49(22-24)

GC/MS Semivolatiles

Lot-Sample #...:	C8H080154-003	**Work Order #...:**	KTTR11AL	**Matrix.....:**	SO
Date Sampled...:	08/01/08 13:00	**Date Received..:**	08/07/08 09:15	**MS Run #.....:**	8225006
Prep Date.....:	08/12/08	**Analysis Date..:**	08/13/08		
Prep Batch #...:	8225018	**Analysis Time..:**	08:42		
Dilution Factor:	0.99	**Initial Wgt/Vol:**	15.2 g	**Final Wgt/Vol..:**	5 mL
% Moisture.....:	33	**Analyst ID.....:**	003200	**Instrument ID..:**	733
		Method.....:	SW846 8270C		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	490	ug/kg	25
Acenaphthylene	ND	490	ug/kg	28
Acetophenone	ND	490	ug/kg	30
Anthracene	ND	490	ug/kg	28
Atrazine	ND	490	ug/kg	34
Benzo(a)anthracene	**55 J**	**490**	**ug/kg**	**19**
Benzo(a)pyrene	**40 J**	**490**	**ug/kg**	**15**
Benzo(b)fluoranthene	**44 J**	**490**	**ug/kg**	**19**
Benzo(ghi)perylene	ND	490	ug/kg	17
Benzo(k)fluoranthene	**22 J**	**490**	**ug/kg**	**16**
Benzaldehyde	ND 490 UJ	490	ug/kg	52
1,1'-Biphenyl	ND	490	ug/kg	27
bis(2-Chloroethoxy) methane	ND	490	ug/kg	23
bis(2-Chloroethyl)- ether	ND	490	ug/kg	11
bis(2-Ethylhexyl) phthalate	**220 J**	**490**	**ug/kg**	**37**
4-Bromophenyl phenyl ether	ND	490	ug/kg	22
Butyl benzyl phthalate	ND	490	ug/kg	39
Caprolactam	ND	490	ug/kg	92
Carbazole	ND	490	ug/kg	20
4-Chloroaniline	ND	490	ug/kg	42
4-Chloro-3-methylphenol	ND	490	ug/kg	30
2-Chloronaphthalene	ND	490	ug/kg	28
2-Chlorophenol	ND	490	ug/kg	25
4-Chlorophenyl phenyl ether	ND	490	ug/kg	24
Chrysene	**33 J**	**490**	**ug/kg**	**19**
Dibenz(a,h)anthracene	ND	490	ug/kg	31
Dibenzofuran	ND	490	ug/kg	27
3,3'-Dichlorobenzidine	ND	2400	ug/kg	110
2,4-Dichlorophenol	ND	490	ug/kg	15
Diethyl phthalate	ND	490	ug/kg	43
2,4-Dimethylphenol	ND	490	ug/kg	21
Dimethyl phthalate	ND	490	ug/kg	28

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ENSR International

Client Sample ID: SB49(22-24)

GC/MS Semivolatiles

Lot-Sample #...: C8H080154-003 Work Order #...: KTTR11AL Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-butyl phthalate	ND	490	ug/kg	81
4,6-Dinitro-2-methylphenol	ND	2400	ug/kg	340
2,4-Dinitrophenol	ND	2400	ug/kg	580
2,4-Dinitrotoluene	ND	490	ug/kg	25
2,6-Dinitrotoluene	ND	490	ug/kg	31
Di-n-octyl phthalate	ND	490	ug/kg	34
Fluoranthene	**78 J**	**490**	**ug/kg**	**31**
Fluorene	ND	490	ug/kg	24
Hexachlorobenzene	ND	490	ug/kg	29
Hexachlorobutadiene	ND	490	ug/kg	30
Hexachlorocyclopentadiene	ND	2400	ug/kg	22
Hexachloroethane	ND	490	ug/kg	22
Indeno(1,2,3-cd)pyrene	ND	490	ug/kg	17
Isophorone	ND	490	ug/kg	27
2-Methylnaphthalene	ND	490	ug/kg	27
2-Methylphenol	ND	490	ug/kg	31
4-Methylphenol	ND	490	ug/kg	31
Naphthalene	**56 J**	**490**	**ug/kg**	**24**
2-Nitroaniline	ND	2400	ug/kg	29
3-Nitroaniline	ND	2400	ug/kg	42
4-Nitroaniline	ND	2400	ug/kg	20
Nitrobenzene	ND	490	ug/kg	12
2-Nitrophenol	ND	490	ug/kg	39
4-Nitrophenol	ND	2400	ug/kg	38
N-Nitrosodi-n-propylamine	ND	490	ug/kg	12
N-Nitrosodiphenylamine	ND	490	ug/kg	26
2,2'-oxybis (1-Chloropropane)	ND	490	ug/kg	29
Pentachlorophenol	ND	2400	ug/kg	36
Phenanthrene	**39 J**	**490**	**ug/kg**	**23**
Phenol	ND	490	ug/kg	29
Pyrene	**81 J**	**490**	**ug/kg**	**30**
2,4,5-Trichlorophenol	ND	490	ug/kg	40
2,4,6-Trichlorophenol	ND	490	ug/kg	39

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ENSR International

Client Sample ID: SB49(22-24)

GC/MS Semivolatiles

Lot-Sample #...: C8H080154-003 Work Order #...: KTTR11AL Matrix.....: SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	76	(10 - 117)
2-Fluorobiphenyl	76	(20 - 109)
2-Fluorophenol	71	(10 - 113)
Nitrobenzene-d5	75	(18 - 106)
Phenol-d5	73	(18 - 113)
Terphenyl-d14	96	(10 - 138)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

ENSR International

Client Sample ID: SB49(28-30)

GC/MS Semivolatiles

Lot-Sample #...:	C8H080154-004	Work Order #...:	KTTR41AL	Matrix.....:	SO
Date Sampled...:	08/01/08 13:15	Date Received..:	08/07/08 09:15	MS Run #.....:	8225006
Prep Date.....:	08/12/08	Analysis Date..:	08/13/08		
Prep Batch #...:	8225018	Analysis Time..:	09:02		
Dilution Factor:	1	Initial Wgt/Vol:	15 g	Final Wgt/Vol..:	5 mL
% Moisture.....:	26	Analyst ID.....:	003200	Instrument ID..:	733
		Method.....:	SW846 8270C		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	450	ug/kg	23
Acenaphthylene	ND	450	ug/kg	26
Acetophenone	ND	450	ug/kg	27
Anthracene	ND	450	ug/kg	26
Atrazine	ND	450	ug/kg	31
Benzo(a)anthracene	ND	450	ug/kg	18
Benzo(a)pyrene	ND	450	ug/kg	14
Benzo(b)fluoranthene	ND	450	ug/kg	17
Benzo(ghi)perylene	ND	450	ug/kg	15
Benzo(k)fluoranthene	ND	450	ug/kg	14
Benzaldehyde	ND 450 U J	450	ug/kg	48
1,1'-Biphenyl	ND	450	ug/kg	25
bis(2-Chloroethoxy) methane	ND	450	ug/kg	21
bis(2-Chloroethyl)-ether	ND	450	ug/kg	10
bis(2-Ethylhexyl) phthalate	ND	450	ug/kg	35
4-Bromophenyl phenyl ether	ND	450	ug/kg	20
Butyl benzyl phthalate	ND	450	ug/kg	36
Caprolactam	ND	450	ug/kg	85
Carbazole	ND	450	ug/kg	18
4-Chloroaniline	ND	450	ug/kg	39
4-Chloro-3-methylphenol	ND	450	ug/kg	27
2-Chloronaphthalene	ND	450	ug/kg	26
2-Chlorophenol	ND	450	ug/kg	23
4-Chlorophenyl phenyl ether	ND	450	ug/kg	22
Chrysene	ND	450	ug/kg	18
Dibenz(a,h)anthracene	ND	450	ug/kg	29
Dibenzofuran	ND	450	ug/kg	25
3,3'-Dichlorobenzidine	ND	2200	ug/kg	100
2,4-Dichlorophenol	ND	450	ug/kg	13
Diethyl phthalate	ND	450	ug/kg	40
2,4-Dimethylphenol	ND	450	ug/kg	19
Dimethyl phthalate	ND	450	ug/kg	25

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ENSR International

Client Sample ID: SB49(28-30)

GC/MS Semivolatiles

Lot-Sample #...: C8H080154-004 Work Order #...: KTTR41AL Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-butyl phthalate	ND	450	ug/kg	75
4,6-Dinitro-2-methylphenol	ND	2200	ug/kg	320
2,4-Dinitrophenol	ND	2200	ug/kg	530
2,4-Dinitrotoluene	ND	450	ug/kg	23
2,6-Dinitrotoluene	ND	450	ug/kg	29
Di-n-octyl phthalate	ND	450	ug/kg	31
Fluoranthene	ND	450	ug/kg	29
Fluorene	ND	450	ug/kg	22
Hexachlorobenzene	ND	450	ug/kg	27
Hexachlorobutadiene	ND	450	ug/kg	28
Hexachlorocyclopentadiene	ND	2200	ug/kg	21
Hexachloroethane	ND	450	ug/kg	20
Indeno(1,2,3-cd)pyrene	ND	450	ug/kg	16
Isophorone	ND	450	ug/kg	25
2-Methylnaphthalene	ND	450	ug/kg	25
2-Methylphenol	ND	450	ug/kg	28
4-Methylphenol	ND	450	ug/kg	28
Naphthalene	ND	450	ug/kg	22
2-Nitroaniline	ND	2200	ug/kg	27
3-Nitroaniline	ND	2200	ug/kg	39
4-Nitroaniline	ND	2200	ug/kg	19
Nitrobenzene	ND	450	ug/kg	11
2-Nitrophenol	ND	450	ug/kg	36
4-Nitrophenol	ND	2200	ug/kg	35
N-Nitrosodi-n-propylamine	ND	450	ug/kg	11
N-Nitrosodiphenylamine	ND	450	ug/kg	24
2,2'-oxybis (1-Chloropropane)	ND	450	ug/kg	27
Pentachlorophenol	ND	2200	ug/kg	34
Phenanthrene	ND	450	ug/kg	22
Phenol	ND	450	ug/kg	27
Pyrene	ND	450	ug/kg	28
2,4,5-Trichlorophenol	ND	450	ug/kg	37
2,4,6-Trichlorophenol	ND	450	ug/kg	36

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ENSR International

Client Sample ID: SB49(28-30)

GC/MS Semivolatiles

Lot-Sample #...: C8H080154-004 Work Order #...: KTTR41AL Matrix.....: SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	78	(10 - 117)
2-Fluorobiphenyl	74	(20 - 109)
2-Fluorophenol	69	(10 - 113)
Nitrobenzene-d5	70	(18 - 106)
Phenol-d5	71	(18 - 113)
Terphenyl-d14	92	(10 - 138)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

ENSR International

Client Sample ID: SB49(72-74)

GC/MS Semivolatiles

Lot-Sample #...:	C8H080154-005	Work Order #...:	KTTR61AL	Matrix.....:	SO
Date Sampled...:	08/04/08 12:00	Date Received..:	08/07/08 09:15	MS Run #.....:	8225006
Prep Date.....:	08/12/08	Analysis Date..:	08/13/08		
Prep Batch #...:	8225018	Analysis Time..:	09:22		
Dilution Factor:	1	Initial Wgt/Vol:	15 g	Final Wgt/Vol..:	5 mL
% Moisture.....:	11	Analyst ID.....:	003200	Instrument ID..:	733
		Method.....:	SW846 8270C		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	370	ug/kg	19
Acenaphthylene	ND	370	ug/kg	22
Acetophenone	ND	370	ug/kg	23
Anthracene	ND	370	ug/kg	21
Atrazine	ND	370	ug/kg	26
Benzo(a)anthracene	ND	370	ug/kg	15
Benzo(a)pyrene	ND	370	ug/kg	12
Benzo(b)fluoranthene	ND	370	ug/kg	14
Benzo(ghi)perylene	ND	370	ug/kg	13
Benzo(k)fluoranthene	ND	370	ug/kg	12
Benzaldehyde	ND 370 UJ	370	ug/kg	40
1,1'-Biphenyl	ND	370	ug/kg	21
bis(2-Chloroethoxy) methane	ND	370	ug/kg	17
bis(2-Chloroethyl)-ether	ND	370	ug/kg	8.4
bis(2-Ethylhexyl) phthalate	ND	370	ug/kg	29
4-Bromophenyl phenyl ether	ND	370	ug/kg	17
Butyl benzyl phthalate	ND	370	ug/kg	30
Caprolactam	ND	370	ug/kg	71
Carbazole	ND	370	ug/kg	15
4-Chloroaniline	ND	370	ug/kg	32
4-Chloro-3-methylphenol	ND	370	ug/kg	23
2-Chloronaphthalene	ND	370	ug/kg	22
2-Chlorophenol	ND	370	ug/kg	19
4-Chlorophenyl phenyl ether	ND	370	ug/kg	18
Chrysene	ND	370	ug/kg	15
Dibenz(a,h)anthracene	ND	370	ug/kg	24
Dibenzofuran	ND	370	ug/kg	21
3,3'-Dichlorobenzidine	ND	1800	ug/kg	84
2,4-Dichlorophenol	ND	370	ug/kg	11
Diethyl phthalate	ND	370	ug/kg	33
2,4-Dimethylphenol	ND	370	ug/kg	16
Dimethyl phthalate	ND	370	ug/kg	21

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ENSR International

Client Sample ID: SB49(72-74)

GC/MS Semivolatiles

Lot-Sample #...: C8H080154-005 Work Order #...: KTTR61AL Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-butyl phthalate	ND	370	ug/kg	62
4,6-Dinitro-2-methylphenol	ND	1800	ug/kg	260
2,4-Dinitrophenol	ND	1800	ug/kg	440
2,4-Dinitrotoluene	ND	370	ug/kg	19
2,6-Dinitrotoluene	ND	370	ug/kg	24
Di-n-octyl phthalate	ND	370	ug/kg	26
Fluoranthene	ND	370	ug/kg	24
Fluorene	ND	370	ug/kg	18
Hexachlorobenzene	ND	370	ug/kg	22
Hexachlorobutadiene	ND	370	ug/kg	23
Hexachlorocyclopentadiene	ND	1800	ug/kg	17
Hexachloroethane	ND	370	ug/kg	17
Indeno(1,2,3-cd)pyrene	ND	370	ug/kg	13
Isophorone	ND	370	ug/kg	21
2-Methylnaphthalene	ND	370	ug/kg	21
2-Methylphenol	ND	370	ug/kg	23
4-Methylphenol	ND	370	ug/kg	23
Naphthalene	ND	370	ug/kg	18
2-Nitroaniline	ND	1800	ug/kg	22
3-Nitroaniline	ND	1800	ug/kg	32
4-Nitroaniline	ND	1800	ug/kg	16
Nitrobenzene	ND	370	ug/kg	9.3
2-Nitrophenol	ND	370	ug/kg	30
4-Nitrophenol	ND	1800	ug/kg	29
N-Nitrosodi-n-propylamine	ND	370	ug/kg	9.1
N-Nitrosodiphenylamine	ND	370	ug/kg	20
2,2'-oxybis (1-Chloropropane)	ND	370	ug/kg	22
Pentachlorophenol	ND	1800	ug/kg	28
Phenanthrene	ND	370	ug/kg	18
Phenol	ND	370	ug/kg	23
Pyrene	ND	370	ug/kg	23
2,4,5-Trichlorophenol	ND	370	ug/kg	31
2,4,6-Trichlorophenol	ND	370	ug/kg	30

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ENSR International

Client Sample ID: SB49(72-74)

GC/MS Semivolatiles

Lot-Sample #...: C8H080154-005 Work Order #...: KTTR61AL Matrix.....: SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	72	(10 - 117)
2-Fluorobiphenyl	74	(20 - 109)
2-Fluorophenol	67	(10 - 113)
Nitrobenzene-d5	71	(18 - 106)
Phenol-d5	70	(18 - 113)
Terphenyl-d14	90	(10 - 138)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

ENSR International

Client Sample ID: SB51(23.5-25.5)

GC/MS Semivolatiles

Lot-Sample #...:	C8I060176-001	**Work Order #...:**	KWE0P1AD	**Matrix.....:**	SO
Date Sampled...:	09/02/08 12:20	**Date Received..:**	09/06/08 10:00	**MS Run #.....:**	8254292
Prep Date.....:	09/10/08	**Analysis Date..:**	09/11/08		
Prep Batch #...:	8254506	**Analysis Time..:**	06:08		
Dilution Factor:	1	**Initial Wgt/Vol:**	15 g	**Final Wgt/Vol..:**	5 mL
% Moisture.....:	25	**Analyst ID.....:**	003200	**Instrument ID..:**	733
		Method.....:	SW846 8270C		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	440	ug/kg	23
Acenaphthylene	ND	440	ug/kg	26
Acetophenone	ND	440	ug/kg	27
Anthracene	ND	440	ug/kg	25
Atrazine	ND	440	ug/kg	31
Benzo(a)anthracene	ND	440	ug/kg	18
Benzo(a)pyrene	ND	440	ug/kg	14
Benzo(b)fluoranthene	ND	440	ug/kg	17
Benzo(ghi)perylene	ND	440	ug/kg	15
Benzo(k)fluoranthene	ND	440	ug/kg	14
Benzaldehyde	ND 440 UJ	440	ug/kg	47
1,1'-Biphenyl	ND	440	ug/kg	24
bis(2-Chloroethoxy) methane	ND	440	ug/kg	21
bis(2-Chloroethyl)-ether	ND	440	ug/kg	10
bis(2-Ethylhexyl) phthalate	ND	440	ug/kg	34
4-Bromophenyl phenyl ether	ND	440	ug/kg	20
Butyl benzyl phthalate	ND	440	ug/kg	36
Caprolactam	ND	440	ug/kg	84
Carbazole	ND	440	ug/kg	18
4-Chloroaniline	ND	440	ug/kg	38
4-Chloro-3-methylphenol	ND	440	ug/kg	27
2-Chloronaphthalene	ND	440	ug/kg	26
2-Chlorophenol	ND	440	ug/kg	22
4-Chlorophenyl phenyl ether	ND	440	ug/kg	22
Chrysene	ND	440	ug/kg	18
Dibenz(a,h)anthracene	ND	440	ug/kg	28
Dibenzofuran	ND	440	ug/kg	25
3,3'-Dichlorobenzidine	ND	2100	ug/kg	100
2,4-Dichlorophenol	ND	440	ug/kg	13
Diethyl phthalate	ND	440	ug/kg	40
2,4-Dimethylphenol	ND	440	ug/kg	19
Dimethyl phthalate	ND	440	ug/kg	25

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ENSR International

Client Sample ID: SB51(23.5-25.5)

GC/MS Semivolatiles

Lot-Sample #...: C8I060176-001 Work Order #...: KWE0P1AD Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-butyl phthalate	ND	440	ug/kg	74
4,6-Dinitro-2-methylphenol	ND	2100	ug/kg	310
2,4-Dinitrophenol	ND	2100	ug/kg	530
2,4-Dinitrotoluene	ND	440	ug/kg	23
2,6-Dinitrotoluene	ND	440	ug/kg	29
Di-n-octyl phthalate	ND	440	ug/kg	31
Fluoranthene	ND	440	ug/kg	29
Fluorene	ND	440	ug/kg	22
Hexachlorobenzene	ND	440	ug/kg	27
Hexachlorobutadiene	ND	440	ug/kg	27
Hexachlorocyclopentadiene	ND	2100	ug/kg	20
Hexachloroethane	ND	440	ug/kg	20
Indeno(1,2,3-cd)pyrene	ND	440	ug/kg	16
Isophorone	ND	440	ug/kg	25
2-Methylnaphthalene	ND	440	ug/kg	25
2-Methylphenol	ND	440	ug/kg	28
4-Methylphenol	ND	440	ug/kg	28
Naphthalene	ND	440	ug/kg	22
2-Nitroaniline	ND	2100	ug/kg	27
3-Nitroaniline	ND	2100	ug/kg	38
4-Nitroaniline	ND	2100	ug/kg	19
Nitrobenzene	ND	440	ug/kg	11
2-Nitrophenol	ND	440	ug/kg	35
4-Nitrophenol	ND	2100	ug/kg	35
N-Nitrosodi-n-propylamine	ND	440	ug/kg	11
N-Nitrosodiphenylamine	ND	440	ug/kg	24
2,2'-oxybis (1-Chloropropane)	ND	440	ug/kg	27
Pentachlorophenol	ND	2100	ug/kg	33
Phenanthrene	ND	440	ug/kg	21
Phenol	ND	440	ug/kg	27
Pyrene	ND	440	ug/kg	27
2,4,5-Trichlorophenol	ND	440	ug/kg	37
2,4,6-Trichlorophenol	ND	440	ug/kg	36

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ENSR International

Client Sample ID: SB51(23.5-25.5)

GC/MS Semivolatiles

Lot-Sample #...: C8I060176-001 Work Order #...: KWE0P1AD Matrix.....: SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	86	(10 - 117)
2-Fluorobiphenyl	75	(20 - 109)
2-Fluorophenol	73	(10 - 113)
Nitrobenzene-d5	74	(18 - 106)
Phenol-d5	81	(18 - 113)
Terphenyl-d14	96	(10 - 138)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

ENSR International

Client Sample ID: SB45(8-10)

GC/MS Semivolatiles

Lot-Sample #...:	C8J100124-001	Work Order #...:	K0KA91AD	Matrix.....:	SO
Date Sampled...:	10/06/08 16:00	Date Received..:	10/09/08 09:30	MS Run #.....:	8287002
Prep Date.....:	10/13/08	Analysis Date..:	10/14/08		
Prep Batch #...:	8287010	Analysis Time..:	05:16		
Dilution Factor:	200	Initial Wgt/Vol:	15 g	Final Wgt/Vol..:	5 mL
% Moisture.....:	17	Analyst ID.....:	007062	Instrument ID..:	722
		Method.....:	SW846 8270C		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	**280000**	**16000**	**ug/kg**	**4100**
Acenaphthylene	**1700000**	**16000**	**ug/kg**	**4600**
Acetophenone	**8900 J**	**79000**	**ug/kg**	**4800**
Anthracene	**1200000**	**16000**	**ug/kg**	**4500**
Atrazine	ND 79000 UJ	79000	ug/kg	5500
Benzo(a)anthracene	**890000**	**16000**	**ug/kg**	**3100**
Benzo(a)pyrene	**800000**	**16000**	**ug/kg**	**2500**
Benzo(b)fluoranthene	**1100000**	**16000**	**ug/kg**	**3100**
Benzo(ghi)perylene	**510000**	**16000**	**ug/kg**	**2700**
Benzo(k)fluoranthene	ND	16000	ug/kg	2500
Benzaldehyde	ND	79000	ug/kg	8400
1,1'-Biphenyl	**510000**	**79000**	**ug/kg**	**4400**
bis(2-Chloroethoxy) methane	ND	79000	ug/kg	3700
bis(2-Chloroethyl)- ether	ND	16000	ug/kg	1800
bis(2-Ethylhexyl) phthalate	ND	79000	ug/kg	6100
4-Bromophenyl phenyl ether	ND	79000	ug/kg	3600
Butyl benzyl phthalate	ND	79000	ug/kg	6400
Caprolactam	ND	410000	ug/kg	15000
Carbazole	**460000**	**16000**	**ug/kg**	**3300**
4-Chloroaniline	ND	79000	ug/kg	6900
4-Chloro-3-methylphenol	**5600 J**	**79000**	**ug/kg**	**4900**
2-Chloronaphthalene	ND	16000	ug/kg	4600
2-Chlorophenol	ND	79000	ug/kg	4000
4-Chlorophenyl phenyl ether	ND	79000	ug/kg	3900
Chrysene	**710000**	**16000**	**ug/kg**	**3200**
Dibenz(a,h)anthracene	**95000**	**16000**	**ug/kg**	**5100**
Dibenzofuran	**1200000**	**79000**	**ug/kg**	**4400**
3,3'-Dichlorobenzidine	ND 79000 UJ	79000	ug/kg	18000
2,4-Dichlorophenol	ND	16000	ug/kg	2400
Diethyl phthalate	ND	79000	ug/kg	7100
2,4-Dimethylphenol	**440000**	**79000**	**ug/kg**	**3400**
Dimethyl phthalate	ND	79000	ug/kg	4500

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ENSR International

Client Sample ID: SB45(8-10)

GC/MS Semivolatiles

Lot-Sample #...: C8J100124-001 Work Order #...: K0KA91AD Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-butyl phthalate	ND	79000	ug/kg	13000
4,6-Dinitro-2-methylphenol	ND	410000	ug/kg	56000
2,4-Dinitrophenol	ND	410000	ug/kg	94000
2,4-Dinitrotoluene	ND	79000	ug/kg	4100
2,6-Dinitrotoluene	ND	79000	ug/kg	5100
Di-n-octyl phthalate	ND	79000	ug/kg	5500
Fluoranthene	**2200000**	**16000**	**ug/kg**	**5100**
Fluorene	**990000**	**16000**	**ug/kg**	**3900**
Hexachlorobenzene	ND	16000	ug/kg	4800
Hexachlorobutadiene	ND	16000	ug/kg	4900
Hexachlorocyclopentadiene	ND 79000 UJ	79000	ug/kg	3700
Hexachloroethane	ND	79000	ug/kg	3600
Indeno(1,2,3-cd)pyrene	**440000**	**16000**	**ug/kg**	**2800**
Isophorone	ND	79000	ug/kg	4400
2-Methylnaphthalene	**2600000**	**16000**	**ug/kg**	**4400**
2-Methylphenol	**280000**	**79000**	**ug/kg**	**5000**
4-Methylphenol	**490000**	**79000**	**ug/kg**	**5000**
Naphthalene 4200000	~~7700000 E~~	**16000**	**ug/kg**	**3900**
2-Nitroaniline	ND	410000	ug/kg	4800
3-Nitroaniline	ND	410000	ug/kg	6800
4-Nitroaniline	ND 410000 UJ	410000	ug/kg	3300
Nitrobenzene	ND	16000	ug/kg	2000
2-Nitrophenol	ND	79000	ug/kg	6300
4-Nitrophenol	ND	410000	ug/kg	6200
N-Nitrosodi-n-propylamine	ND	16000	ug/kg	1900
N-Nitrosodiphenylamine	ND	16000	ug/kg	4300
2,2'-oxybis(1-Chloropropane)	ND	16000	ug/kg	4800
Pentachlorophenol	ND	79000	ug/kg	5900
Phenanthrene 4500000	~~3500000 E~~	**16000**	**ug/kg**	**3800**
Phenol	**140000**	**16000**	**ug/kg**	**4800**
Pyrene	**2100000**	**16000**	**ug/kg**	**4900**
2,4,5-Trichlorophenol	ND	79000	ug/kg	6600
2,4,6-Trichlorophenol	ND	79000	ug/kg	6400

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ENSR International

Client Sample ID: SB45(8-10)

GC/MS Semivolatiles

Lot-Sample #...: C8J100124-001 Work Order #...: K0KA91AD Matrix.....: SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	NC,DIL	(50 - 124)
2-Fluorobiphenyl	NC,DIL	(49 - 105)
2-Fluorophenol	NC,DIL	(39 - 103)
Nitrobenzene-d5	NC,DIL	(25 - 104)
Phenol-d5	NC,DIL	(25 - 105)
Terphenyl-d14	NC,DIL	(25 - 127)

NOTE(S):

NC The recovery and/or RPD were not calculated.

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.

E Estimated result. Result concentration exceeds the calibration range.

ENSR International

Client Sample ID: SB45(8-10)

GC/MS Semivolatiles

Lot-Sample #...:	C8J100124-001	Work Order #...:	K0KA92AD	Matrix.....:	SO
Date Sampled...:	10/06/08 16:00	Date Received..:	10/09/08 09:30	MS Run #.....:	8287002
Prep Date.....:	10/13/08	Analysis Date..:	10/14/08		
Prep Batch #...:	8287010	Analysis Time..:	06:40		
Dilution Factor:	4000	Initial Wgt/Vol:	15 g	Final Wgt/Vol..:	5 mL
% Moisture.....:	17	Analyst ID.....:	007062	Instrument ID..:	722
		Method.....:	SW846 8270C		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	**340000**	**320000**	**ug/kg**	**83000**
Acenaphthylene	**2000000**	**320000**	**ug/kg**	**93000**
Acetophenone	ND	1600000	ug/kg	97000
Anthracene	**1300000**	**320000**	**ug/kg**	**90000**
Atrazine	ND	1600000	ug/kg	110000
Benzo(a)anthracene	**960000**	**320000**	**ug/kg**	**63000**
Benzo(a)pyrene	**880000**	**320000**	**ug/kg**	**49000**
Benzo(b)fluoranthene	**1200000**	**320000**	**ug/kg**	**61000**
Benzo(ghi)perylene	**530000**	**320000**	**ug/kg**	**54000**
Benzo(k)fluoranthene	ND	320000	ug/kg	51000
Benzaldehyde	ND	1600000	ug/kg	170000
1,1'-Biphenyl	**540000 J**	**1600000**	**ug/kg**	**88000**
bis(2-Chloroethoxy) methane	ND	1600000	ug/kg	74000
bis(2-Chloroethyl)-ether	ND	320000	ug/kg	36000
bis(2-Ethylhexyl) phthalate	ND	1600000	ug/kg	120000
4-Bromophenyl phenyl ether	ND	1600000	ug/kg	71000
Butyl benzyl phthalate	ND	1600000	ug/kg	130000
Caprolactam	ND	8200000	ug/kg	300000
Carbazole	**500000**	**320000**	**ug/kg**	**65000**
4-Chloroaniline	ND	1600000	ug/kg	140000
4-Chloro-3-methylphenol	ND	1600000	ug/kg	97000
2-Chloronaphthalene	ND	320000	ug/kg	92000
2-Chlorophenol	ND	1600000	ug/kg	80000
4-Chlorophenyl phenyl ether	ND	1600000	ug/kg	79000
Chrysene	**850000**	**320000**	**ug/kg**	**63000**
Dibenz(a,h)anthracene	ND	320000	ug/kg	100000
Dibenzofuran	**1300000 J**	**1600000**	**ug/kg**	**88000**
3,3'-Dichlorobenzidine	ND	1600000	ug/kg	360000
2,4-Dichlorophenol	ND	320000	ug/kg	47000
Diethyl phthalate	ND	1600000	ug/kg	140000
2,4-Dimethylphenol	**420000 J**	**1600000**	**ug/kg**	**68000**
Dimethyl phthalate	ND	1600000	ug/kg	90000

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ENSR International

Client Sample ID: SB45(8-10)

GC/MS Semivolatiles

Lot-Sample #...: C8J100124-001 Work Order #...: K0KA92AD Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-butyl phthalate	ND	1600000	ug/kg	260000
4,6-Dinitro-2-methylphenol	ND	8200000	ug/kg	1100000
2,4-Dinitrophenol	ND	8200000	ug/kg	1900000
2,4-Dinitrotoluene	ND	1600000	ug/kg	82000
2,6-Dinitrotoluene	ND	1600000	ug/kg	100000
Di-n-octyl phthalate	ND	1600000	ug/kg	110000
Fluoranthene	**2400000**	**320000**	**ug/kg**	**100000**
Fluorene	**1100000**	**320000**	**ug/kg**	**77000**
Hexachlorobenzene	ND	320000	ug/kg	96000
Hexachlorobutadiene	ND	320000	ug/kg	97000
Hexachlorocyclopentadiene	ND	1600000	ug/kg	73000
Hexachloroethane	ND	1600000	ug/kg	71000
Indeno(1,2,3-cd)pyrene	**460000**	**320000**	**ug/kg**	**56000**
Isophorone	ND	1600000	ug/kg	89000
2-Methylnaphthalene	**3400000**	**320000**	**ug/kg**	**88000**
2-Methylphenol	**280000 J**	**1600000**	**ug/kg**	**100000**
4-Methylphenol	**570000 J**	**1600000**	**ug/kg**	**100000**
Naphthalene	**42000000**	**320000**	**ug/kg**	**77000**
2-Nitroaniline	ND	8200000	ug/kg	96000
3-Nitroaniline	ND	8200000	ug/kg	140000
4-Nitroaniline	ND	8200000	ug/kg	67000
Nitrobenzene	ND	320000	ug/kg	40000
2-Nitrophenol	ND	1600000	ug/kg	130000
4-Nitrophenol	ND	8200000	ug/kg	120000
N-Nitrosodi-n-propylamine	ND	320000	ug/kg	39000
N-Nitrosodiphenylamine	ND	320000	ug/kg	86000
2,2'-oxybis(1-Chloropropane)	ND	320000	ug/kg	95000
Pentachlorophenol	ND	1600000	ug/kg	120000
Phenanthrene	**4500000**	**320000**	**ug/kg**	**76000**
Phenol	**130000 J**	**320000**	**ug/kg**	**96000**
Pyrene	**2500000**	**320000**	**ug/kg**	**97000**
2,4,5-Trichlorophenol	ND	1600000	ug/kg	130000
2,4,6-Trichlorophenol	ND	1600000	ug/kg	130000

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ENSR International

Client Sample ID: SB45(8-10)

GC/MS Semivolatiles

Lot-Sample #...: C8J100124-001 Work Order #...: K0KA92AD Matrix.....: SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	NC,DIL	(50 - 124)
2-Fluorobiphenyl	NC,DIL	(49 - 105)
2-Fluorophenol	NC,DIL	(39 - 103)
Nitrobenzene-d5	NC,DIL	(25 - 104)
Phenol-d5	NC,DIL	(25 - 105)
Terphenyl-d14	NC,DIL	(25 - 127)

NOTE(S):

NC The recovery and/or RPD were not calculated.

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.

ENSR International

Client Sample ID: SB45(20-22)

GC/MS Semivolatiles

Lot-Sample #...:	C8J100124-002	Work Order #...:	K0KCL1AL	Matrix.....:	SO
Date Sampled...:	10/07/08 12:00	Date Received..:	10/09/08 09:30	MS Run #.....:	8287002
Prep Date.....:	10/13/08	Analysis Date..:	10/14/08		
Prep Batch #...:	8287010	Analysis Time..:	05:37		
Dilution Factor:	1	Initial Wgt/Vol:	15 g	Final Wgt/Vol..:	5 mL
% Moisture.....:	19	Analyst ID.....:	007062	Instrument ID..:	722
		Method.....:	SW846 8270C		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	**22 J**	**83**	**ug/kg**	**21**
Acenaphthylene	**43 J**	**83**	**ug/kg**	**24**
Acetophenone	ND	410	ug/kg	25
Anthracene	**58 J**	**83**	**ug/kg**	**23**
Atrazine	ND 410 U J	410	ug/kg	28
Benzo(a)anthracene	ND	83	ug/kg	16
Benzo(a)pyrene	ND	83	ug/kg	13
Benzo(b)fluoranthene	ND	83	ug/kg	16
Benzo(ghi)perylene	ND	83	ug/kg	14
Benzo(k)fluoranthene	ND	83	ug/kg	13
Benzaldehyde	ND	410	ug/kg	43
1,1'-Biphenyl	ND	410	ug/kg	23
bis(2-Chloroethoxy) methane	ND	410	ug/kg	19
bis(2-Chloroethyl)-ether	ND	83	ug/kg	9.2
bis(2-Ethylhexyl) phthalate	ND	410	ug/kg	31
4-Bromophenyl phenyl ether	ND	410	ug/kg	18
Butyl benzyl phthalate	ND	410	ug/kg	33
Caprolactam	ND	2100	ug/kg	78
Carbazole	ND	83	ug/kg	17
4-Chloroaniline	ND	410	ug/kg	35
4-Chloro-3-methylphenol	ND	410	ug/kg	25
2-Chloronaphthalene	ND	83	ug/kg	24
2-Chlorophenol	ND	410	ug/kg	21
4-Chlorophenyl phenyl ether	ND	410	ug/kg	20
Chrysene	ND	83	ug/kg	16
Dibenz(a,h)anthracene	ND	83	ug/kg	26
Dibenzofuran	**48 J**	**410**	**ug/kg**	**23**
3,3'-Dichlorobenzidine	ND 410 U J	410	ug/kg	92
2,4-Dichlorophenol	ND	83	ug/kg	12
Diethyl phthalate	ND	410	ug/kg	37
2,4-Dimethylphenol	ND	410	ug/kg	18
Dimethyl phthalate	ND	410	ug/kg	23

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ENSR International

Client Sample ID: SB45(20-22)

GC/MS Semivolatiles

Lot-Sample #...: C8J100124-002 Work Order #...: K0KCL1AL Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-butyl phthalate	ND	410	ug/kg	68
4,6-Dinitro-2-methylphenol	ND	2100	ug/kg	290
2,4-Dinitrophenol	ND	2100	ug/kg	480
2,4-Dinitrotoluene	ND	410	ug/kg	21
2,6-Dinitrotoluene	ND	410	ug/kg	26
Di-n-octyl phthalate	ND	410	ug/kg	29
Fluoranthene	**260**	**83**	**ug/kg**	**26**
Fluorene	**36 J**	**83**	**ug/kg**	**20**
Hexachlorobenzene	ND	83	ug/kg	25
Hexachlorobutadiene	ND	83	ug/kg	25
Hexachlorocyclopentadiene	ND	410	ug/kg	19
Hexachloroethane	ND	410	ug/kg	18
Indeno(1,2,3-cd)pyrene	ND	83	ug/kg	15
Isophorone	ND	410	ug/kg	23
2-Methylnaphthalene	**41 J**	**83**	**ug/kg**	**23**
2-Methylphenol	ND	410	ug/kg	26
4-Methylphenol	ND	410	ug/kg	26
Naphthalene	**560**	**83**	**ug/kg**	**20**
2-Nitroaniline	ND	2100	ug/kg	25
3-Nitroaniline	ND	2100	ug/kg	35
4-Nitroaniline	ND	2100	ug/kg	17
Nitrobenzene	ND	83	ug/kg	10
2-Nitrophenol	ND	410	ug/kg	33
4-Nitrophenol	ND	2100	ug/kg	32
N-Nitrosodi-n-propylamine	ND	83	ug/kg	10
N-Nitrosodiphenylamine	ND	83	ug/kg	22
2,2'-oxybis(1-Chloropropane)	ND	83	ug/kg	25
Pentachlorophenol	ND	410	ug/kg	31
Phenanthrene	**140**	**83**	**ug/kg**	**20**
Phenol	ND	83	ug/kg	25
Pyrene	**230**	**83**	**ug/kg**	**25**
2,4,5-Trichlorophenol	ND	410	ug/kg	34
2,4,6-Trichlorophenol	ND	410	ug/kg	33

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ENSR International

Client Sample ID: SB45(20-22)

GC/MS Semivolatiles

Lot-Sample #...: C8J100124-002 Work Order #...: K0KCL1AL Matrix.....: SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	72	(50 - 124)
2-Fluorobiphenyl	68	(49 - 105)
2-Fluorophenol	76	(39 - 103)
Nitrobenzene-d5	74	(25 - 104)
Phenol-d5	79	(25 - 105)
Terphenyl-d14	95	(25 - 127)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

ENSR International

Client Sample ID: SB41(15-17)

GC/MS Semivolatiles

Lot-Sample #...:	C8J100124-003	Work Order #...:	K0KCM1AL	Matrix.....:	SO
Date Sampled...:	10/08/08 15:30	Date Received..:	10/09/08 09:30	MS Run #.....:	8287002
Prep Date.....:	10/13/08	Analysis Date..:	10/14/08		
Prep Batch #...:	8287010	Analysis Time..:	05:58		
Dilution Factor:	4.95	Initial Wgt/Vol:	15.2 g	Final Wgt/Vol..:	5 mL
% Moisture.....:	21	Analyst ID.....:	007062	Instrument ID..:	722
		Method.....:	SW846 8270C		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	**13000**	**420**	**ug/kg**	**110**
Acenaphthylene	**3800**	**420**	**ug/kg**	**120**
Acetophenone	ND	2100	ug/kg	130
Anthracene	**18000**	**420**	**ug/kg**	**120**
Atrazine	ND 2100 UJ	2100	ug/kg	140
Benzo(a)anthracene	**23000**	**420**	**ug/kg**	**83**
Benzo(a)pyrene	**20000**	**420**	**ug/kg**	**64**
Benzo(b)fluoranthene	**29000**	**420**	**ug/kg**	**80**
Benzo(ghi)perylene	**13000**	**420**	**ug/kg**	**71**
Benzo(k)fluoranthene	ND	420	ug/kg	67
Benzaldehyde	ND	2100	ug/kg	220
1,1'-Biphenyl	**2800**	**2100**	**ug/kg**	**110**
bis(2-Chloroethoxy) methane	ND	2100	ug/kg	97
bis(2-Chloroethyl)-ether	ND	420	ug/kg	47
bis(2-Ethylhexyl) phthalate	**1500 J**	**2100**	**ug/kg**	**160**
4-Bromophenyl phenyl ether	ND	2100	ug/kg	94
Butyl benzyl phthalate	ND	2100	ug/kg	170
Caprolactam	ND	11000	ug/kg	400
Carbazole	**4400**	**420**	**ug/kg**	**86**
4-Chloroaniline	ND	2100	ug/kg	180
4-Chloro-3-methylphenol	ND	2100	ug/kg	130
2-Chloronaphthalene	ND	420	ug/kg	120
2-Chlorophenol	ND	2100	ug/kg	110
4-Chlorophenyl phenyl ether	ND	2100	ug/kg	100
Chrysene	**17000**	**420**	**ug/kg**	**83**
Dibenz(a,h)anthracene	**3300**	**420**	**ug/kg**	**130**
Dibenzofuran	**3600**	**2100**	**ug/kg**	**120**
3,3'-Dichlorobenzidine	ND 2100 UJ	2100	ug/kg	470
2,4-Dichlorophenol	ND	420	ug/kg	62
Diethyl phthalate	ND	2100	ug/kg	190
2,4-Dimethylphenol	**190 J**	**2100**	**ug/kg**	**90**
Dimethyl phthalate	ND	2100	ug/kg	120

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ENSR International

Client Sample ID: SB41(15-17)

GC/MS Semivolatiles

Lot-Sample #...: C8J100124-003 Work Order #...: K0KCM1AL Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-butyl phthalate	ND	2100	ug/kg	350
4,6-Dinitro-2-methylphenol	ND	11000	ug/kg	1500
2,4-Dinitrophenol	ND	11000	ug/kg	2500
2,4-Dinitrotoluene	ND	2100	ug/kg	110
2,6-Dinitrotoluene	ND	2100	ug/kg	130
Di-n-octyl phthalate	ND	2100	ug/kg	150
Fluoranthene	**47000**	**420**	**ug/kg**	**130**
Fluorene	**10000**	**420**	**ug/kg**	**100**
Hexachlorobenzene	ND	420	ug/kg	130
Hexachlorobutadiene	ND	420	ug/kg	130
Hexachlorocyclopentadiene	ND 2100 U	2100	ug/kg	96
Hexachloroethane	ND	2100	ug/kg	93
Indeno(1,2,3-cd)pyrene	**12000**	**420**	**ug/kg**	**74**
Isophorone	ND	2100	ug/kg	120
2-Methylnaphthalene	**1200**	**420**	**ug/kg**	**120**
2-Methylphenol	ND	2100	ug/kg	130
4-Methylphenol	ND	2100	ug/kg	130
Naphthalene	**13000**	**420**	**ug/kg**	**100**
2-Nitroaniline	ND	11000	ug/kg	130
3-Nitroaniline	ND	11000	ug/kg	180
4-Nitroaniline	ND 11000 U	11000	ug/kg	88
Nitrobenzene	ND	420	ug/kg	52
2-Nitrophenol	ND	2100	ug/kg	170
4-Nitrophenol	ND	11000	ug/kg	160
N-Nitrosodi-n-propylamine	ND	420	ug/kg	51
N-Nitrosodiphenylamine	ND	420	ug/kg	110
2,2'-oxybis(1-Chloropropane)	ND	420	ug/kg	130
Pentachlorophenol	ND	2100	ug/kg	160
Phenanthrene	**67000**	**420**	**ug/kg**	**100**
Phenol	ND	420	ug/kg	130
Pyrene	**57000**	**420**	**ug/kg**	**130**
2,4,5-Trichlorophenol	ND	2100	ug/kg	170
2,4,6-Trichlorophenol	ND	2100	ug/kg	170

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ENSR International

Client Sample ID: SB41(15-17)

GC/MS Semivolatiles

Lot-Sample #...: C8J100124-003 Work Order #...: K0KCM1AL Matrix.....: SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	80	(50 - 124)
2-Fluorobiphenyl	77	(49 - 105)
2-Fluorophenol	68	(39 - 103)
Nitrobenzene-d5	69	(25 - 104)
Phenol-d5	76	(25 - 105)
Terphenyl-d14	81	(25 - 127)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

ENSR International

Client Sample ID: SB4(20-22)

GC/MS Semivolatiles

Lot-Sample #...:	C8J100124-004	Work Order #...:	K0KCQ1AL	Matrix.....:	SO
Date Sampled...:	10/08/08 15:45	Date Received..:	10/09/08 09:30	MS Run #.....:	8287002
Prep Date.....:	10/13/08	Analysis Date..:	10/14/08		
Prep Batch #...:	8287010	Analysis Time..:	06:19		
Dilution Factor:	1	Initial Wgt/Vol:	15 g	Final Wgt/Vol..:	5 mL
% Moisture.....:	23	Analyst ID.....:	007062	Instrument ID..:	722
		Method.....:	SW846 8270C		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	87	ug/kg	23
Acenaphthylene	ND	87	ug/kg	25
Acetophenone	ND	430	ug/kg	26
Anthracene	ND	87	ug/kg	25
Atrazine	ND 430 U5	430	ug/kg	30
Benzo(a)anthracene	ND	87	ug/kg	17
Benzo(a)pyrene	ND	87	ug/kg	13
Benzo(b)fluoranthene	ND	87	ug/kg	17
Benzo(ghi)perylene	ND	87	ug/kg	15
Benzo(k)fluoranthene	ND	87	ug/kg	14
Benzaldehyde	ND	430	ug/kg	46
1,1'-Biphenyl	ND	430	ug/kg	24
bis(2-Chloroethoxy) methane	ND	430	ug/kg	20
bis(2-Chloroethyl)-ether	ND	87	ug/kg	9.7
bis(2-Ethylhexyl) phthalate	ND	430	ug/kg	33
4-Bromophenyl phenyl ether	ND	430	ug/kg	19
Butyl benzyl phthalate	ND	430	ug/kg	35
Caprolactam	ND	2200	ug/kg	82
Carbazole	ND	87	ug/kg	18
4-Chloroaniline	ND	430	ug/kg	37
4-Chloro-3-methylphenol	ND	430	ug/kg	26
2-Chloronaphthalene	ND	87	ug/kg	25
2-Chlorophenol	ND	430	ug/kg	22
4-Chlorophenyl phenyl ether	ND	430	ug/kg	21
Chrysene	ND	87	ug/kg	17
Dibenz(a,h)anthracene	ND	87	ug/kg	27
Dibenzofuran	ND	430	ug/kg	24
3,3'-Dichlorobenzidine	ND 430 U5	430	ug/kg	97
2,4-Dichlorophenol	ND	87	ug/kg	13
Diethyl phthalate	ND	430	ug/kg	39
2,4-Dimethylphenol	ND	430	ug/kg	19
Dimethyl phthalate	ND	430	ug/kg	24

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ENSR International

Client Sample ID: SB4(20-22)

GC/MS Semivolatiles

Lot-Sample #...: C8J100124-004 Work Order #...: K0KCQ1AL Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-butyl phthalate	ND	430	ug/kg	72
4,6-Dinitro-2-methylphenol	ND	2200	ug/kg	310
2,4-Dinitrophenol	ND	2200	ug/kg	510
2,4-Dinitrotoluene	ND	430	ug/kg	22
2,6-Dinitrotoluene	ND	430	ug/kg	28
Di-n-octyl phthalate	ND	430	ug/kg	30
Fluoranthene	ND	87	ug/kg	28
Fluorene	ND	87	ug/kg	21
Hexachlorobenzene	ND	87	ug/kg	26
Hexachlorobutadiene	ND	87	ug/kg	26
Hexachlorocyclopentadiene	ND 4300 U5	430	ug/kg	20
Hexachloroethane	ND	430	ug/kg	19
Indeno(1,2,3-cd)pyrene	ND	87	ug/kg	15
Isophorone	ND	430	ug/kg	24
2-Methylnaphthalene	ND	87	ug/kg	24
2-Methylphenol	ND	430	ug/kg	27
4-Methylphenol	ND	430	ug/kg	27
Naphthalene	**120**	**87**	**ug/kg**	**21**
2-Nitroaniline	ND	2200	ug/kg	26
3-Nitroaniline	ND	2200	ug/kg	37
4-Nitroaniline	ND 2200 U5	2200	ug/kg	18
Nitrobenzene	ND	87	ug/kg	11
2-Nitrophenol	ND	430	ug/kg	34
4-Nitrophenol	ND	2200	ug/kg	34
N-Nitrosodi-n-propylamine	ND	87	ug/kg	11
N-Nitrosodiphenylamine	ND	87	ug/kg	23
2,2'-oxybis(1-Chloropropane)	ND	87	ug/kg	26
Pentachlorophenol	ND	430	ug/kg	32
Phenanthrene	**31 J**	**87**	**ug/kg**	**21**
Phenol	ND	87	ug/kg	26
Pyrene	ND	87	ug/kg	26
2,4,5-Trichlorophenol	ND	430	ug/kg	36
2,4,6-Trichlorophenol	ND	430	ug/kg	35

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ENSR International

Client Sample ID: SB4(20-22)

GC/MS Semivolatiles

Lot-Sample #...: C8J100124-004 Work Order #...: K0KCQ1AL Matrix.....: SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	59	(50 - 124)
2-Fluorobiphenyl	58	(49 - 105)
2-Fluorophenol	63	(39 - 103)
Nitrobenzene-d5	62	(25 - 104)
Phenol-d5	65	(25 - 105)
Terphenyl-d14	76	(25 - 127)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

ENSR International

Client Sample ID: SB40(14-16)

GC/MS Semivolatiles

Lot-Sample #...: C8J110134-001	Work Order #...: K0NCF1AD	Matrix.....: SO
Date Sampled...: 10/09/08	Date Received..: 10/11/08	MS Run #.....: 8290004
Prep Date.....: 10/16/08	Analysis Date..: 10/17/08	
Prep Batch #...: 8290013	Analysis Time..: 15:46	
Dilution Factor: 1	Initial Wgt/Vol: 15 g	Final Wgt/Vol..: 5 mL
% Moisture.....: 17	Analyst ID.....: 007062	Instrument ID..: 722
	Method.....: SW846 8270C	

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	**1300**	**81**	**ug/kg**	**21**
Acenaphthylene	**540**	**81**	**ug/kg**	**23**
Acetophenone	ND	400	ug/kg	24
Anthracene	**1400**	**81**	**ug/kg**	**23**
Atrazine	ND 400 U J	400	ug/kg	28
Benzo(a)anthracene	**660**	**81**	**ug/kg**	**16**
Benzo(a)pyrene	**380**	**81**	**ug/kg**	**12**
Benzo(b)fluoranthene	**360**	**81**	**ug/kg**	**15**
Benzo(ghi)perylene	**200**	**81**	**ug/kg**	**14**
Benzo(k)fluoranthene	ND	81	ug/kg	13
Benzaldehyde	ND	400	ug/kg	42
1,1'-Biphenyl	**230 J**	**400**	**ug/kg**	**22**
bis(2-Chloroethoxy) methane	ND	400	ug/kg	19
bis(2-Chloroethyl)-ether	ND	81	ug/kg	9.0
bis(2-Ethylhexyl) phthalate	**140 J**	**400**	**ug/kg**	**31**
4-Bromophenyl phenyl ether	ND	400	ug/kg	18
Butyl benzyl phthalate	ND	400	ug/kg	32
Caprolactam	ND	2000	ug/kg	76
Carbazole	**370**	**81**	**ug/kg**	**16**
4-Chloroaniline	ND	400	ug/kg	34
4-Chloro-3-methylphenol	ND	400	ug/kg	24
2-Chloronaphthalene	ND	81	ug/kg	23
2-Chlorophenol	ND	400	ug/kg	20
4-Chlorophenyl phenyl ether	ND	400	ug/kg	20
Chrysene	**500**	**81**	**ug/kg**	**16**
Dibenz(a,h)anthracene	**64 J**	**81**	**ug/kg**	**25**
Dibenzofuran	**85 J**	**400**	**ug/kg**	**22**
3,3'-Dichlorobenzidine	ND	400	ug/kg	90
2,4-Dichlorophenol	ND	81	ug/kg	12
Diethyl phthalate	ND	400	ug/kg	36
2,4-Dimethylphenol	ND	400	ug/kg	17
Dimethyl phthalate	ND	400	ug/kg	23

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ENSR International

Client Sample ID: SB40(14-16)

GC/MS Semivolatiles

Lot-Sample #...: C8J110134-001 Work Order #...: K0NCF1AD Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-butyl phthalate	ND	400	ug/kg	66
4,6-Dinitro-2-methylphenol	ND	2000	ug/kg	280
2,4-Dinitrophenol	ND	2000	ug/kg	470
2,4-Dinitrotoluene	ND	400	ug/kg	21
2,6-Dinitrotoluene	ND	400	ug/kg	26
Di-n-octyl phthalate	**38 J**	**400**	**ug/kg**	**28**
Fluoranthene	**1200**	**81**	**ug/kg**	**26**
Fluorene	**1000**	**81**	**ug/kg**	**19**
Hexachlorobenzene	ND	81	ug/kg	24
Hexachlorobutadiene	ND	81	ug/kg	24
Hexachlorocyclopentadiene	ND 400 UJ	400	ug/kg	18
Hexachloroethane	ND	400	ug/kg	18
Indeno(1,2,3-cd)pyrene	**140**	**81**	**ug/kg**	**14**
Isophorone	ND	400	ug/kg	22
2-Methylnaphthalene	**120**	**81**	**ug/kg**	**22**
2-Methylphenol	ND	400	ug/kg	25
4-Methylphenol	ND	400	ug/kg	25
Naphthalene	**280**	**81**	**ug/kg**	**19**
2-Nitroaniline	ND	2000	ug/kg	24
3-Nitroaniline	ND	2000	ug/kg	34
4-Nitroaniline	ND	2000	ug/kg	17
Nitrobenzene	ND	81	ug/kg	10
2-Nitrophenol	ND	400	ug/kg	32
4-Nitrophenol	ND	2000	ug/kg	31
N-Nitrosodi-n-propylamine	ND	81	ug/kg	9.8
N-Nitrosodiphenylamine	ND	81	ug/kg	22
2,2'-oxybis(1-Chloropropane)	ND	81	ug/kg	24
Pentachlorophenol	ND	400	ug/kg	30
Phenanthrene	**3500**	**81**	**ug/kg**	**19**
Phenol	ND	81	ug/kg	24
Pyrene	**1700**	**81**	**ug/kg**	**24**
2,4,5-Trichlorophenol	ND	400	ug/kg	33
2,4,6-Trichlorophenol	ND	400	ug/kg	32

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ENSR International

Client Sample ID: SB40(14-16)

GC/MS Semivolatiles

Lot-Sample #...: C8J110134-001 Work Order #...: K0NCF1AD Matrix.....: SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	58	(50 - 124)
2-Fluorobiphenyl	54	(49 - 105)
2-Fluorophenol	53	(39 - 103)
Nitrobenzene-d5	53	(25 - 104)
Phenol-d5	51	(25 - 105)
Terphenyl-d14	57	(25 - 127)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

ENSR International

Client Sample ID: SB40(50-52)

GC/MS Semivolatiles

Lot-Sample #...: C8J110134-002	Work Order #...: K0NCP1AL	Matrix.....: SO
Date Sampled...: 10/09/08	Date Received..: 10/11/08	MS Run #.....: 8290004
Prep Date.....: 10/16/08	Analysis Date..: 10/21/08	
Prep Batch #...: 8290013	Analysis Time..: 09:22	
Dilution Factor: 0.99	Initial Wgt/Vol: 15.2 g	Final Wgt/Vol..: 5 mL
% Moisture.....: 16	Analyst ID.....: 007062	Instrument ID..: 722
	Method.....: SW846 8270C	

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	79	ug/kg	20
Acenaphthylene	ND	79	ug/kg	23
Acetophenone	ND	390	ug/kg	24
Anthracene	ND	79	ug/kg	22
Atrazine	ND 390 UJ	390	ug/kg	27
Benzo(a)anthracene	ND	79	ug/kg	15
Benzo(a)pyrene	ND	79	ug/kg	12
Benzo(b)fluoranthene	ND	79	ug/kg	15
Benzo(ghi)perylene	ND 79 UJ	79	ug/kg	13
Benzo(k)fluoranthene	ND	79	ug/kg	13
Benzaldehyde	ND	390	ug/kg	41
1,1'-Biphenyl	ND	390	ug/kg	22
bis(2-Chloroethoxy) methane	ND	390	ug/kg	18
bis(2-Chloroethyl)-ether	ND	79	ug/kg	8.8
bis(2-Ethylhexyl) phthalate	ND	390	ug/kg	30
4-Bromophenyl phenyl ether	ND	390	ug/kg	18
Butyl benzyl phthalate	ND	390	ug/kg	31
Caprolactam	ND	2000	ug/kg	74
Carbazole	ND	79	ug/kg	16
4-Chloroaniline	ND	390	ug/kg	34
4-Chloro-3-methylphenol	ND	390	ug/kg	24
2-Chloronaphthalene	ND	79	ug/kg	23
2-Chlorophenol	ND	390	ug/kg	20
4-Chlorophenyl phenyl ether	ND	390	ug/kg	19
Chrysene	ND	79	ug/kg	15
Dibenz(a,h)anthracene	ND 79 UJ	79	ug/kg	25
Dibenzofuran	ND	390	ug/kg	22
3,3'-Dichlorobenzidine	ND	390	ug/kg	88
2,4-Dichlorophenol	ND	79	ug/kg	12
Diethyl phthalate	ND	390	ug/kg	35
2,4-Dimethylphenol	ND	390	ug/kg	17
Dimethyl phthalate	ND	390	ug/kg	22

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ENSR International

Client Sample ID: SB40(50-52)

GC/MS Semivolatiles

Lot-Sample #...: C8J110134-002 Work Order #...: K0NCP1AL Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-butyl phthalate	ND	390	ug/kg	65
4,6-Dinitro-2-methylphenol	ND	2000	ug/kg	280
2,4-Dinitrophenol	ND 2000 UJ	2000	ug/kg	460
2,4-Dinitrotoluene	ND	390	ug/kg	20
2,6-Dinitrotoluene	ND	390	ug/kg	25
Di-n-octyl phthalate	ND	390	ug/kg	27
Fluoranthene	ND	79	ug/kg	25
Fluorene	ND	79	ug/kg	19
Hexachlorobenzene	ND	79	ug/kg	23
Hexachlorobutadiene	ND	79	ug/kg	24
Hexachlorocyclopentadiene	ND 390 UJ	390	ug/kg	18
Hexachloroethane	ND	390	ug/kg	17
Indeno(1,2,3-cd)pyrene	ND 79 UJ	79	ug/kg	14
Isophorone	ND	390	ug/kg	22
2-Methylnaphthalene	ND	79	ug/kg	22
2-Methylphenol	ND	390	ug/kg	24
4-Methylphenol	ND	390	ug/kg	24
Naphthalene	ND	79	ug/kg	19
2-Nitroaniline	ND	2000	ug/kg	23
3-Nitroaniline	ND	2000	ug/kg	34
4-Nitroaniline	ND	2000	ug/kg	16
Nitrobenzene	ND	79	ug/kg	9.7
2-Nitrophenol	ND	390	ug/kg	31
4-Nitrophenol	ND	2000	ug/kg	30
N-Nitrosodi-n-propylamine	ND	79	ug/kg	9.6
N-Nitrosodiphenylamine	ND	79	ug/kg	21
2,2'-oxybis(1-Chloropropane)	ND	79	ug/kg	23
Pentachlorophenol	ND	390	ug/kg	29
Phenanthrene	**61 J**	**79**	**ug/kg**	**19**
Phenol	ND	79	ug/kg	24
Pyrene	ND	79	ug/kg	24
2,4,5-Trichlorophenol	ND	390	ug/kg	32
2,4,6-Trichlorophenol	ND	390	ug/kg	32

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ENSR International

Client Sample ID: SB40(50-52)

GC/MS Semivolatiles

Lot-Sample #...: C8J110134-002 Work Order #...: K0NCP1AL Matrix.....: SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	77	(50 - 124)
2-Fluorobiphenyl	69	(49 - 105)
2-Fluorophenol	74	(39 - 103)
Nitrobenzene-d5	72	(25 - 104)
Phenol-d5	72	(25 - 105)
Terphenyl-d14	73	(25 - 127)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

ENSR International

Client Sample ID: SB36(10-12)

GC/MS Semivolatiles

Lot-Sample #...:	C8J110134-003	Work Order #...:	K0NCR1AL	Matrix.....:	SO
Date Sampled...:	10/09/08	Date Received..:	10/11/08	MS Run #.....:	8290004
Prep Date.....:	10/16/08	Analysis Date..:	10/17/08		
Prep Batch #...:	8290013	Analysis Time..:	16:27		
Dilution Factor:	20	Initial Wgt/Vol:	15 g	Final Wgt/Vol..:	5 mL
% Moisture.....:	20	Analyst ID.....:	007062	Instrument ID..:	722
		Method.....:	SW846 8270C		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	**46000**	**1700**	**ug/kg**	**430**
Acenaphthylene	**9300**	**1700**	**ug/kg**	**480**
Acetophenone	ND	8300	ug/kg	500
Anthracene	**26000**	**1700**	**ug/kg**	**470**
Atrazine	ND 8300 UJ	8300	ug/kg	570
Benzo(a)anthracene	**16000**	**1700**	**ug/kg**	**330**
Benzo(a)pyrene	**11000**	**1700**	**ug/kg**	**260**
Benzo(b)fluoranthene	**9400**	**1700**	**ug/kg**	**320**
Benzo(ghi)perylene	**5300**	**1700**	**ug/kg**	**280**
Benzo(k)fluoranthene	ND	1700	ug/kg	270
Benzaldehyde	ND	8300	ug/kg	880
1,1'-Biphenyl	**10000**	**8300**	**ug/kg**	**460**
bis(2-Chloroethoxy) methane	ND	8300	ug/kg	390
bis(2-Chloroethyl)-ether	ND	1700	ug/kg	190
bis(2-Ethylhexyl) phthalate	**2800 J**	**8300**	**ug/kg**	**640**
4-Bromophenyl phenyl ether	ND	8300	ug/kg	370
Butyl benzyl phthalate	ND	8300	ug/kg	670
Caprolactam	ND	43000	ug/kg	1600
Carbazole	ND	1700	ug/kg	340
4-Chloroaniline	ND	8300	ug/kg	720
4-Chloro-3-methylphenol	ND	8300	ug/kg	510
2-Chloronaphthalene	ND	1700	ug/kg	480
2-Chlorophenol	ND	8300	ug/kg	420
4-Chlorophenyl phenyl ether	ND	8300	ug/kg	410
Chrysene	**13000**	**1700**	**ug/kg**	**330**
Dibenz(a,h)anthracene	**1500 J**	**1700**	**ug/kg**	**530**
Dibenzofuran	**2900 J**	**8300**	**ug/kg**	**460**
3,3'-Dichlorobenzidine	ND	8300	ug/kg	1900
2,4-Dichlorophenol	ND	1700	ug/kg	250
Diethyl phthalate	ND	8300	ug/kg	740
2,4-Dimethylphenol	ND	8300	ug/kg	360
Dimethyl phthalate	ND	8300	ug/kg	470

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ENSR International

Client Sample ID: SB36(10-12)

GC/MS Semivolatiles

Lot-Sample #...: C8J110134-003 Work Order #...: K0NCR1AL Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-butyl phthalate	ND	8300	ug/kg	1400
4,6-Dinitro-2-methylphenol	ND	43000	ug/kg	5900
2,4-Dinitrophenol	ND	43000	ug/kg	9800
2,4-Dinitrotoluene	ND	8300	ug/kg	430
2,6-Dinitrotoluene	ND	8300	ug/kg	530
Di-n-octyl phthalate	**980 J**	**8300**	**ug/kg**	**580**
Fluoranthene	**25000**	**1700**	**ug/kg**	**540**
Fluorene	**28000**	**1700**	**ug/kg**	**400**
Hexachlorobenzene	ND	1700	ug/kg	500
Hexachlorobutadiene	ND	1700	ug/kg	510
Hexachlorocyclopentadiene	ND 8300 UJ	8300	ug/kg	380
Hexachloroethane	ND	8300	ug/kg	370
Indeno(1,2,3-cd)pyrene	**4200**	**1700**	**ug/kg**	**290**
Isophorone	ND	8300	ug/kg	460
2-Methylnaphthalene	**63000**	**1700**	**ug/kg**	**460**
2-Methylphenol	ND	8300	ug/kg	520
4-Methylphenol	ND	8300	ug/kg	520
Naphthalene	**170000**	**1700**	**ug/kg**	**400**
2-Nitroaniline	ND	43000	ug/kg	500
3-Nitroaniline	ND	43000	ug/kg	710
4-Nitroaniline	ND	43000	ug/kg	350
Nitrobenzene	ND	1700	ug/kg	210
2-Nitrophenol	ND	8300	ug/kg	660
4-Nitrophenol	ND	43000	ug/kg	650
N-Nitrosodi-n-propylamine	ND	1700	ug/kg	200
N-Nitrosodiphenylamine	ND	1700	ug/kg	450
2,2'-oxybis(1-Chloropropane)	ND	1700	ug/kg	500
Pentachlorophenol	ND	8300	ug/kg	620
Phenanthrene	**88000**	**1700**	**ug/kg**	**400**
Phenol	ND	1700	ug/kg	500
Pyrene	**36000**	**1700**	**ug/kg**	**510**
2,4,5-Trichlorophenol	ND	8300	ug/kg	690
2,4,6-Trichlorophenol	ND	8300	ug/kg	670

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ENSR International

Client Sample ID: SB36(10-12)

GC/MS Semivolatiles

Lot-Sample #...: C8J110134-003 Work Order #...: K0NCR1AL Matrix.....: SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	NC,DIL	(50 - 124)
2-Fluorobiphenyl	NC,DIL	(49 - 105)
2-Fluorophenol	NC,DIL	(39 - 103)
Nitrobenzene-d5	NC,DIL	(25 - 104)
Phenol-d5	NC,DIL	(25 - 105)
Terphenyl-d14	NC,DIL	(25 - 127)

NOTE(S):

NC The recovery and/or RPD were not calculated.

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.

ENSR International

Client Sample ID: SB36(17.5-20)

GC/MS Semivolatiles

Lot-Sample #...: C8J160275-001	Work Order #...: K017P1AD	Matrix.....: SO
Date Sampled...: 10/13/08 11:00	Date Received..: 10/16/08 09:30	MS Run #.....: 8296004
Prep Date.....: 10/22/08	Analysis Date..: 10/23/08	
Prep Batch #...: 8296013	Analysis Time..: 12:47	
Dilution Factor: 4.95	Initial Wgt/Vol: 15.2 g	Final Wgt/Vol..: 5 mL
% Moisture.....: 17	Analyst ID.....: 007062	Instrument ID..: 732
	Method.....: SW846 8270C	

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	**6200**	**400**	**ug/kg**	**100**
Acenaphthylene	**3200**	**400**	**ug/kg**	**110**
Acetophenone	ND	2000	ug/kg	120
Anthracene	**4600**	**400**	**ug/kg**	**110**
Atrazine	ND 2000 UJ	2000	ug/kg	140
Benzo(a)anthracene	**3700**	**400**	**ug/kg**	**78**
Benzo(a)pyrene	**1800**	**400**	**ug/kg**	**61**
Benzo(b)fluoranthene	**1700 J**	**400**	**ug/kg**	**76**
Benzo(ghi)perylene	**950**	**400**	**ug/kg**	**67**
Benzo(k)fluoranthene	ND	400	ug/kg	63
Benzaldehyde	ND 2000 UJ	2000	ug/kg	210
1,1'-Biphenyl	**1900 J**	**2000**	**ug/kg**	**110**
bis(2-Chloroethoxy) methane	ND	2000	ug/kg	92
bis(2-Chloroethyl)-ether	ND	400	ug/kg	44
bis(2-Ethylhexyl) phthalate	ND	2000	ug/kg	150
4-Bromophenyl phenyl ether	ND	2000	ug/kg	88
Butyl benzyl phthalate	ND	2000	ug/kg	160
Caprolactam	ND	10000	ug/kg	370
Carbazole	**400**	**400**	**ug/kg**	**81**
4-Chloroaniline	ND	2000	ug/kg	170
4-Chloro-3-methylphenol	ND	2000	ug/kg	120
2-Chloronaphthalene	ND	400	ug/kg	110
2-Chlorophenol	ND	2000	ug/kg	99
4-Chlorophenyl phenyl ether	ND	2000	ug/kg	97
Chrysene	**2600**	**400**	**ug/kg**	**78**
Dibenz(a,h)anthracene	ND	400	ug/kg	120
Dibenzofuran	**830 J**	**2000**	**ug/kg**	**110**
3,3'-Dichlorobenzidine	ND	2000	ug/kg	440
2,4-Dichlorophenol	ND	400	ug/kg	59
Diethyl phthalate	ND	2000	ug/kg	180
2,4-Dimethylphenol	**680 J**	**2000**	**ug/kg**	**85**
Dimethyl phthalate	ND	2000	ug/kg	110

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ENSR International

Client Sample ID: SB36(17.5-20)

GC/MS Semivolatiles

Lot-Sample #...: C8J160275-001 Work Order #...: K017P1AD Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-butyl phthalate	ND	2000	ug/kg	330
4,6-Dinitro-2-methylphenol	ND	10000	ug/kg	1400
2,4-Dinitrophenol	ND 10000 UJ	10000	ug/kg	2300
2,4-Dinitrotoluene	ND	2000	ug/kg	100
2,6-Dinitrotoluene	ND	2000	ug/kg	130
Di-n-octyl phthalate	ND	2000	ug/kg	140
Fluoranthene	**4800**	**400**	**ug/kg**	**130**
Fluorene	**4900**	**400**	**ug/kg**	**95**
Hexachlorobenzene	ND	400	ug/kg	120
Hexachlorobutadiene	ND	400	ug/kg	120
Hexachlorocyclopenta-diene	ND 2000 UJ	2000	ug/kg	90
Hexachloroethane	ND	2000	ug/kg	88
Indeno(1,2,3-cd)pyrene	**590 J**	**400**	**ug/kg**	**70**
Isophorone	ND	2000	ug/kg	110
2-Methylnaphthalene	**28000**	**400**	**ug/kg**	**110**
2-Methylphenol	**410 J**	**2000**	**ug/kg**	**120**
4-Methylphenol	**800 J**	**2000**	**ug/kg**	**120**
Naphthalene	**51000**	**400**	**ug/kg**	**95**
2-Nitroaniline	ND	10000	ug/kg	120
3-Nitroaniline	ND	10000	ug/kg	170
4-Nitroaniline	ND	10000	ug/kg	83
Nitrobenzene	ND	400	ug/kg	49
2-Nitrophenol	ND	2000	ug/kg	160
4-Nitrophenol	ND	10000	ug/kg	150
N-Nitrosodi-n-propyl-amine	ND	400	ug/kg	48
N-Nitrosodiphenylamine	ND	400	ug/kg	110
2,2'-oxybis (1-Chloropropane)	ND	400	ug/kg	120
Pentachlorophenol	ND	2000	ug/kg	150
Phenanthrene	**15000**	**400**	**ug/kg**	**94**
Phenol	ND	400	ug/kg	120
Pyrene	**8900**	**400**	**ug/kg**	**120**
2,4,5-Trichloro-phenol	ND	2000	ug/kg	160
2,4,6-Trichloro-phenol	ND	2000	ug/kg	160

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ENSR International

Client Sample ID: SB36(17.5-20)

GC/MS Semivolatiles

Lot-Sample #...: C8J160275-001 Work Order #...: K017P1AD Matrix.....: SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	44 *	(50 - 124)
2-Fluorobiphenyl	54	(49 - 105)
2-Fluorophenol	68	(39 - 103)
Nitrobenzene-d5	62	(25 - 104)
Phenol-d5	66	(25 - 105)
Terphenyl-d14	79	(25 - 127)

NOTE(S):

* Surrogate recovery is outside stated control limits.

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

ENSR International

Client Sample ID: SB36(32.5-35)

GC/MS Semivolatiles

Lot-Sample #...: C8J160275-002	Work Order #...: K017T1AL	Matrix.....: SO
Date Sampled...: 10/13/08 11:30	Date Received..: 10/16/08 09:30	MS Run #.....: 8296004
Prep Date.....: 10/22/08	Analysis Date..: 10/24/08	
Prep Batch #...: 8296013	Analysis Time..: 18:41	
Dilution Factor: 1	Initial Wgt/Vol: 15 g	Final Wgt/Vol..: 5 mL
% Moisture.....: 14	Analyst ID.....: 403801	Instrument ID..: 732
	Method.....: SW846 8270C	

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	78	ug/kg	20
Acenaphthylene	ND	78	ug/kg	22
Acetophenone	ND	380	ug/kg	23
Anthracene	ND	78	ug/kg	22
Atrazine	ND 380 U J	380	ug/kg	27
Benzo(a)anthracene	ND	78	ug/kg	15
Benzo(a)pyrene	ND	78	ug/kg	12
Benzo(b)fluoranthene	ND	78	ug/kg	15
Benzo(ghi)perylene	ND	78	ug/kg	13
Benzo(k)fluoranthene	ND 78 U J	78	ug/kg	12
Benzaldehyde	ND 380 U J	380	ug/kg	41
1,1'-Biphenyl	ND	380	ug/kg	21
bis(2-Chloroethoxy) methane	ND	380	ug/kg	18
bis(2-Chloroethyl)-ether	ND	78	ug/kg	8.7
bis(2-Ethylhexyl) phthalate	ND	380	ug/kg	29
4-Bromophenyl phenyl ether	ND	380	ug/kg	17
Butyl benzyl phthalate	ND	380	ug/kg	31
Caprolactam	ND	2000	ug/kg	73
Carbazole	ND	78	ug/kg	16
4-Chloroaniline	ND	380	ug/kg	33
4-Chloro-3-methylphenol	ND	380	ug/kg	23
2-Chloronaphthalene	ND	78	ug/kg	22
2-Chlorophenol	ND	380	ug/kg	19
4-Chlorophenyl phenyl ether	ND	380	ug/kg	19
Chrysene	ND	78	ug/kg	15
Dibenz(a,h)anthracene	ND	78	ug/kg	24
Dibenzofuran	ND	380	ug/kg	21
3,3'-Dichlorobenzidine	ND	380	ug/kg	87
2,4-Dichlorophenol	ND	78	ug/kg	11
Diethyl phthalate	**240 J**	**380**	**ug/kg**	**34**
2,4-Dimethylphenol	ND	380	ug/kg	17
Dimethyl phthalate	ND	380	ug/kg	22

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ENSR International

Client Sample ID: SB36(32.5-35)

GC/MS Semivolatiles

Lot-Sample #...: C8J160275-002 Work Order #...: K017T1AL Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-butyl phthalate	ND	380	ug/kg	64
4,6-Dinitro-2-methylphenol	ND	2000	ug/kg	270
2,4-Dinitrophenol	ND	2000	ug/kg	450
2,4-Dinitrotoluene	ND	380	ug/kg	20
2,6-Dinitrotoluene	ND	380	ug/kg	25
Di-n-octyl phthalate	ND	380	ug/kg	27
Fluoranthene	ND	78	ug/kg	25
Fluorene	ND	78	ug/kg	19
Hexachlorobenzene	ND	78	ug/kg	23
Hexachlorobutadiene	ND	78	ug/kg	24
Hexachlorocyclopentadiene	ND	380	ug/kg	18
Hexachloroethane	ND	380	ug/kg	17
Indeno(1,2,3-cd)pyrene	ND	78	ug/kg	14
Isophorone	ND	380	ug/kg	21
2-Methylnaphthalene	ND	78	ug/kg	21
2-Methylphenol	ND	380	ug/kg	24
4-Methylphenol	ND	380	ug/kg	24
Naphthalene	ND	78	ug/kg	19
2-Nitroaniline	ND	2000	ug/kg	23
3-Nitroaniline	ND	2000	ug/kg	33
4-Nitroaniline	ND	2000	ug/kg	16
Nitrobenzene	ND	78	ug/kg	9.6
2-Nitrophenol	ND	380	ug/kg	31
4-Nitrophenol	ND	2000	ug/kg	30
N-Nitrosodi-n-propylamine	ND	78	ug/kg	9.4
N-Nitrosodiphenylamine	ND	78	ug/kg	21
2,2'-oxybis(1-Chloropropane)	ND	78	ug/kg	23
Pentachlorophenol	ND	380	ug/kg	29
Phenanthrene	ND	78	ug/kg	18
Phenol	ND	78	ug/kg	23
Pyrene	ND	78	ug/kg	24
2,4,5-Trichlorophenol	ND	380	ug/kg	32
2,4,6-Trichlorophenol	ND	380	ug/kg	31

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ENSR International

Client Sample ID: SB36(32.5-35)

GC/MS Semivolatiles

Lot-Sample #...: C8J160275-002 Work Order #...: K017T1AL Matrix.....: SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	56	(50 - 124)
2-Fluorobiphenyl	60	(49 - 105)
2-Fluorophenol	63	(39 - 103)
Nitrobenzene-d5	65	(25 - 104)
Phenol-d5	62	(25 - 105)
Terphenyl-d14	72	(25 - 127)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

ENSR International

Client Sample ID: SB37(11-12)

GC/MS Semivolatiles

Lot-Sample #...: C8J160275-003	Work Order #...: K017V1AL	Matrix.....: SO
Date Sampled...: 10/13/08 15:30	Date Received..: 10/16/08 09:30	MS Run #.....: 8296004
Prep Date.....: 10/22/08	Analysis Date..: 10/23/08	
Prep Batch #...: 8296013	Analysis Time..: 13:32	
Dilution Factor: 9.9	Initial Wgt/Vol: 15.2 g	Final Wgt/Vol..: 5 mL
% Moisture.....: 22	Analyst ID.....: 007062	Instrument ID..: 732
	Method.....: SW846 8270C	

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	**120000**	**850**	**ug/kg**	**220**
Acenaphthylene	**11000**	**850**	**ug/kg**	**240**
Acetophenone	ND	4200	ug/kg	260
Anthracene	**51000**	**850**	**ug/kg**	**240**
Atrazine	ND 4200 UJ	4200	ug/kg	290
Benzo(a)anthracene	**27000**	**850**	**ug/kg**	**170**
Benzo(a)pyrene	**20000**	**850**	**ug/kg**	**130**
Benzo(b)fluoranthene	**15000 J**	**850**	**ug/kg**	**160**
Benzo(ghi)perylene	**7600**	**850**	**ug/kg**	**140**
Benzo(k)fluoranthene	**3100**	**850**	**ug/kg**	**130**
Benzaldehyde	ND 4200 UJ	4200	ug/kg	450
1,1'-Biphenyl	**17000**	**4200**	**ug/kg**	**230**
bis(2-Chloroethoxy) methane	ND	4200	ug/kg	200
bis(2-Chloroethyl)-ether	ND	850	ug/kg	95
bis(2-Ethylhexyl) phthalate	ND	4200	ug/kg	320
4-Bromophenyl phenyl ether	ND	4200	ug/kg	190
Butyl benzyl phthalate	**470 J**	**4200**	**ug/kg**	**340**
Caprolactam	ND	22000	ug/kg	800
Carbazole	**870**	**850**	**ug/kg**	**170**
4-Chloroaniline	ND	4200	ug/kg	360
4-Chloro-3-methylphenol	ND	4200	ug/kg	260
2-Chloronaphthalene	ND	850	ug/kg	240
2-Chlorophenol	ND	4200	ug/kg	210
4-Chlorophenyl phenyl ether	ND	4200	ug/kg	210
Chrysene	**22000**	**850**	**ug/kg**	**170**
Dibenz(a,h)anthracene	ND	850	ug/kg	270
Dibenzofuran	**3700 J**	**4200**	**ug/kg**	**230**
3,3'-Dichlorobenzidine	ND	4200	ug/kg	940
2,4-Dichlorophenol	ND	850	ug/kg	130
Diethyl phthalate	ND	4200	ug/kg	370
2,4-Dimethylphenol	ND	4200	ug/kg	180
Dimethyl phthalate	ND	4200	ug/kg	240

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ENSR International

Client Sample ID: SB37(11-12)

GC/MS Semivolatiles

Lot-Sample #...: C8J160275-003 Work Order #...: K017V1AL Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-butyl phthalate	ND	4200	ug/kg	700
4,6-Dinitro-2-methylphenol	ND	22000	ug/kg	3000
2,4-Dinitrophenol	ND 22000 UJ	22000	ug/kg	5000
2,4-Dinitrotoluene	ND	4200	ug/kg	220
2,6-Dinitrotoluene	ND	4200	ug/kg	270
Di-n-octyl phthalate	ND	4200	ug/kg	290
Fluoranthene	**53000**	**850**	**ug/kg**	**270**
Fluorene	**47000**	**850**	**ug/kg**	**200**
Hexachlorobenzene	ND	850	ug/kg	250
Hexachlorobutadiene	ND	850	ug/kg	260
Hexachlorocyclopentadiene	ND 4200 UJ	4200	ug/kg	190
Hexachloroethane	ND	4200	ug/kg	190
Indeno(1,2,3-cd)pyrene	**5600** J	**850**	**ug/kg**	**150**
Isophorone	ND	4200	ug/kg	230
2-Methylnaphthalene	**75000**	**850**	**ug/kg**	**230**
2-Methylphenol	ND	4200	ug/kg	260
4-Methylphenol	ND	4200	ug/kg	260
Naphthalene 330000	~~290000 E~~	**850**	**ug/kg**	**200**
2-Nitroaniline	ND	22000	ug/kg	250
3-Nitroaniline	ND	22000	ug/kg	360
4-Nitroaniline	ND	22000	ug/kg	180
Nitrobenzene	ND	850	ug/kg	100
2-Nitrophenol	ND	4200	ug/kg	330
4-Nitrophenol	ND	22000	ug/kg	330
N-Nitrosodi-n-propylamine	ND	850	ug/kg	100
N-Nitrosodiphenylamine	ND	850	ug/kg	230
2,2'-oxybis(1-Chloropropane)	ND	850	ug/kg	250
Pentachlorophenol	ND	4200	ug/kg	310
Phenanthrene 210000	~~180000 E~~	**850**	**ug/kg**	**200**
Phenol	ND	850	ug/kg	250
Pyrene	**74000**	**850**	**ug/kg**	**260**
2,4,5-Trichlorophenol	ND	4200	ug/kg	350
2,4,6-Trichlorophenol	ND	4200	ug/kg	340

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ENSR International

Client Sample ID: SB37(11-12)

GC/MS Semivolatiles

Lot-Sample #...: C8J160275-003 Work Order #...: K017V1AL Matrix.....: SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	40 *	(50 - 124)
2-Fluorobiphenyl	49	(49 - 105)
2-Fluorophenol	63	(39 - 103)
Nitrobenzene-d5	61	(25 - 104)
Phenol-d5	66	(25 - 105)
Terphenyl-d14	55	(25 - 127)

NOTE(S):

* Surrogate recovery is outside stated control limits.

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

E Estimated result. Result concentration exceeds the calibration range.

ENSR International

Client Sample ID: SB37(11-12)

GC/MS Semivolatiles

Lot-Sample #...: C8J160275-003	Work Order #...: K017V2AL	Matrix.....: SO
Date Sampled...: 10/13/08 15:30	Date Received..: 10/16/08 09:30	MS Run #.....: 8296004
Prep Date.....: 10/22/08	Analysis Date..: 10/23/08	
Prep Batch #...: 8296013	Analysis Time..: 16:35	
Dilution Factor: 49.5	Initial Wgt/Vol: 15.2 g	Final Wgt/Vol..: 5 mL
% Moisture.....: 22	Analyst ID.....: 007062	Instrument ID..: 732
	Method.....: SW846 8270C	

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	**160000**	**4200**	**ug/kg**	**1100**
Acenaphthylene	**19000**	**4200**	**ug/kg**	**1200**
Acetophenone	ND	21000	ug/kg	1300
Anthracene	**70000**	**4200**	**ug/kg**	**1200**
Atrazine	ND	21000	ug/kg	1400
Benzo(a)anthracene	**41000**	**4200**	**ug/kg**	**830**
Benzo(a)pyrene	**26000**	**4200**	**ug/kg**	**650**
Benzo(b)fluoranthene	**12000**	**4200**	**ug/kg**	**810**
Benzo(ghi)perylene	**13000**	**4200**	**ug/kg**	**710**
Benzo(k)fluoranthene	**14000**	**4200**	**ug/kg**	**670**
Benzaldehyde	ND	21000	ug/kg	2200
1,1'-Biphenyl	**27000**	**21000**	**ug/kg**	**1200**
bis(2-Chloroethoxy) methane	ND	21000	ug/kg	980
bis(2-Chloroethyl)-ether	ND	4200	ug/kg	470
bis(2-Ethylhexyl) phthalate	ND	21000	ug/kg	1600
4-Bromophenyl phenyl ether	ND	21000	ug/kg	940
Butyl benzyl phthalate	ND	21000	ug/kg	1700
Caprolactam	ND	110000	ug/kg	4000
Carbazole	ND	4200	ug/kg	860
4-Chloroaniline	ND	21000	ug/kg	1800
4-Chloro-3-methylphenol	ND	21000	ug/kg	1300
2-Chloronaphthalene	ND	4200	ug/kg	1200
2-Chlorophenol	ND	21000	ug/kg	1100
4-Chlorophenyl phenyl ether	ND	21000	ug/kg	1000
Chrysene	**28000**	**4200**	**ug/kg**	**830**
Dibenz(a,h)anthracene	ND	4200	ug/kg	1300
Dibenzofuran	**5300 J**	**21000**	**ug/kg**	**1200**
3,3'-Dichlorobenzidine	ND	21000	ug/kg	4700
2,4-Dichlorophenol	ND	4200	ug/kg	630
Diethyl phthalate	ND	21000	ug/kg	1900
2,4-Dimethylphenol	ND	21000	ug/kg	900
Dimethyl phthalate	ND	21000	ug/kg	1200

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ENSR International

Client Sample ID: SB37(11-12)

GC/MS Semivolatiles

Lot-Sample #...: C8J160275-003 Work Order #...: K017V2AL Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-butyl phthalate	ND	21000	ug/kg	3500
4,6-Dinitro-2-methylphenol	ND	110000	ug/kg	15000
2,4-Dinitrophenol	ND	110000	ug/kg	25000
2,4-Dinitrotoluene	ND	21000	ug/kg	1100
2,6-Dinitrotoluene	ND	21000	ug/kg	1400
Di-n-octyl phthalate	ND	21000	ug/kg	1500
Fluoranthene	**81000**	**4200**	**ug/kg**	**1400**
Fluorene	**68000**	**4200**	**ug/kg**	**1000**
Hexachlorobenzene	ND	4200	ug/kg	1300
Hexachlorobutadiene	ND	4200	ug/kg	1300
Hexachlorocyclopentadiene	ND	21000	ug/kg	960
Hexachloroethane	ND	21000	ug/kg	940
Indeno(1,2,3-cd)pyrene	**9200**	**4200**	**ug/kg**	**750**
Isophorone	ND	21000	ug/kg	1200
2-Methylnaphthalene	**94000**	**4200**	**ug/kg**	**1200**
2-Methylphenol	ND	21000	ug/kg	1300
4-Methylphenol	ND	21000	ug/kg	1300
Naphthalene	**330000**	**4200**	**ug/kg**	**1000**
2-Nitroaniline	ND	110000	ug/kg	1300
3-Nitroaniline	ND	110000	ug/kg	1800
4-Nitroaniline	ND	110000	ug/kg	880
Nitrobenzene	ND	4200	ug/kg	520
2-Nitrophenol	ND	21000	ug/kg	1700
4-Nitrophenol	ND	110000	ug/kg	1600
N-Nitrosodi-n-propylamine	ND	4200	ug/kg	510
N-Nitrosodiphenylamine	ND	4200	ug/kg	1100
2,2'-oxybis(1-Chloropropane)	ND	4200	ug/kg	1300
Pentachlorophenol	ND	21000	ug/kg	1600
Phenanthrene	**230000**	**4200**	**ug/kg**	**1000**
Phenol	ND	4200	ug/kg	1300
Pyrene	**110000**	**4200**	**ug/kg**	**1300**
2,4,5-Trichlorophenol	ND	21000	ug/kg	1700
2,4,6-Trichlorophenol	ND	21000	ug/kg	1700

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ENSR International

Client Sample ID: SB37(11-12)

GC/MS Semivolatiles

Lot-Sample #...: C8J160275-003 Work Order #...: K017V2AL Matrix.....: SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	NC,DIL	(50 - 124)
2-Fluorobiphenyl	NC,DIL	(49 - 105)
2-Fluorophenol	NC,DIL	(39 - 103)
Nitrobenzene-d5	NC,DIL	(25 - 104)
Phenol-d5	NC,DIL	(25 - 105)
Terphenyl-d14	NC,DIL	(25 - 127)

NOTE(S):

NC The recovery and/or RPD were not calculated.

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.

ENSR International

Client Sample ID: SB37(57.6-60)

GC/MS Semivolatiles

Lot-Sample #...: C8J160275-004	Work Order #...: K017W1AL	Matrix.....: SO
Date Sampled...: 10/14/08 11:35	Date Received..: 10/16/08 09:30	MS Run #.....: 8296004
Prep Date.....: 10/22/08	Analysis Date..: 10/24/08	
Prep Batch #...: 8296013	Analysis Time..: 19:04	
Dilution Factor: 1	Initial Wgt/Vol: 15 g	Final Wgt/Vol..: 5 mL
% Moisture.....: 17	Analyst ID.....: 403801	Instrument ID..: 732
	Method.....: SW846 8270C	

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	80	ug/kg	21
Acenaphthylene	ND	80	ug/kg	23
Acetophenone	ND	400	ug/kg	24
Anthracene	ND	80	ug/kg	23
Atrazine	ND 400 UJ	400	ug/kg	27
Benzo(a)anthracene	ND	80	ug/kg	16
Benzo(a)pyrene	ND	80	ug/kg	12
Benzo(b)fluoranthene	ND	80	ug/kg	15
Benzo(ghi)perylene	ND	80	ug/kg	14
Benzo(k)fluoranthene	ND 80 UJ	80	ug/kg	13
Benzaldehyde	ND 400 UJ	400	ug/kg	42
1,1'-Biphenyl	ND	400	ug/kg	22
bis(2-Chloroethoxy) methane	ND	400	ug/kg	19
bis(2-Chloroethyl)-ether	ND	80	ug/kg	9.0
bis(2-Ethylhexyl) phthalate	ND	400	ug/kg	31
4-Bromophenyl phenyl ether	ND	400	ug/kg	18
Butyl benzyl phthalate	ND	400	ug/kg	32
Caprolactam	ND	2000	ug/kg	75
Carbazole	ND	80	ug/kg	16
4-Chloroaniline	ND	400	ug/kg	34
4-Chloro-3-methylphenol	ND	400	ug/kg	24
2-Chloronaphthalene	ND	80	ug/kg	23
2-Chlorophenol	ND	400	ug/kg	20
4-Chlorophenyl phenyl ether	ND	400	ug/kg	20
Chrysene	ND	80	ug/kg	16
Dibenz(a,h)anthracene	ND	80	ug/kg	25
Dibenzofuran	ND	400	ug/kg	22
3,3'-Dichlorobenzidine	ND	400	ug/kg	90
2,4-Dichlorophenol	ND	80	ug/kg	12
Diethyl phthalate	**45 J**	**400**	**ug/kg**	**36**
2,4-Dimethylphenol	ND	400	ug/kg	17
Dimethyl phthalate	ND	400	ug/kg	23

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ENSR International

Client Sample ID: SB37(57.6-60)

GC/MS Semivolatiles

Lot-Sample #...: C8J160275-004 Work Order #...: K017W1AL Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-butyl phthalate	ND	400	ug/kg	66
4,6-Dinitro-2-methylphenol	ND	2000	ug/kg	280
2,4-Dinitrophenol	ND 2000 U J	2000	ug/kg	470
2,4-Dinitrotoluene	ND	400	ug/kg	21
2,6-Dinitrotoluene	ND	400	ug/kg	26
Di-n-octyl phthalate	ND	400	ug/kg	28
Fluoranthene	ND	80	ug/kg	26
Fluorene	ND	80	ug/kg	19
Hexachlorobenzene	ND	80	ug/kg	24
Hexachlorobutadiene	ND	80	ug/kg	24
Hexachlorocyclopentadiene	ND	400	ug/kg	18
Hexachloroethane	ND	400	ug/kg	18
Indeno(1,2,3-cd)pyrene	ND	80	ug/kg	14
Isophorone	ND	400	ug/kg	22
2-Methylnaphthalene	ND	80	ug/kg	22
2-Methylphenol	ND	400	ug/kg	25
4-Methylphenol	ND	400	ug/kg	25
Naphthalene	**54 J**	**80**	**ug/kg**	**19**
2-Nitroaniline	ND	2000	ug/kg	24
3-Nitroaniline	ND	2000	ug/kg	34
4-Nitroaniline	ND	2000	ug/kg	17
Nitrobenzene	ND	80	ug/kg	9.9
2-Nitrophenol	ND	400	ug/kg	32
4-Nitrophenol	ND	2000	ug/kg	31
N-Nitrosodi-n-propylamine	ND	80	ug/kg	9.7
N-Nitrosodiphenylamine	ND	80	ug/kg	22
2,2'-oxybis(1-Chloropropane)	ND	80	ug/kg	24
Pentachlorophenol	ND	400	ug/kg	30
Phenanthrene	**31 J**	**80**	**ug/kg**	**19**
Phenol	ND	80	ug/kg	24
Pyrene	ND	80	ug/kg	24
2,4,5-Trichlorophenol	ND	400	ug/kg	33
2,4,6-Trichlorophenol	ND	400	ug/kg	32

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ENSR International

Client Sample ID: SB37(57.6-60)

GC/MS Semivolatiles

Lot-Sample #...: C8J160275-004 Work Order #...: K017W1AL Matrix.....: SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	78	(50 - 124)
2-Fluorobiphenyl	82	(49 - 105)
2-Fluorophenol	89	(39 - 103)
Nitrobenzene-d5	89	(25 - 104)
Phenol-d5	85	(25 - 105)
Terphenyl-d14	117	(25 - 127)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

ENSR International

Client Sample ID: SB32(20-22.5)

GC/MS Semivolatiles

Lot-Sample #...:	C8J160275-005	Work Order #...:	K01711AL	Matrix.....:	SO
Date Sampled...:	10/15/08 14:20	Date Received..:	10/16/08 09:30	MS Run #.....:	8296004
Prep Date.....:	10/22/08	Analysis Date..:	10/23/08		
Prep Batch #...:	8296013	Analysis Time..:	14:18		
Dilution Factor:	20	Initial Wgt/Vol:	15 g	Final Wgt/Vol..:	5 mL
% Moisture.....:	16	Analyst ID.....:	007062	Instrument ID..:	732
		Method.....:	SW846 8270C		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	**140000**	**1600**	**ug/kg**	**410**
Acenaphthylene	**77000**	**1600**	**ug/kg**	**460**
Acetophenone	ND	7900	ug/kg	480
Anthracene	**100000**	**1600**	**ug/kg**	**450**
Atrazine	ND 7900 uJ	7900	ug/kg	550
Benzo(a)anthracene	**74000**	**1600**	**ug/kg**	**310**
Benzo(a)pyrene	**47000**	**1600**	**ug/kg**	**240**
Benzo(b)fluoranthene	**34000** J	**1600**	**ug/kg**	**310**
Benzo(ghi)perylene	**19000**	**1600**	**ug/kg**	**270**
Benzo(k)fluoranthene	**15000**	**1600**	**ug/kg**	**250**
Benzaldehyde	ND 7900 uJ	7900	ug/kg	840
1,1'-Biphenyl	**38000**	**7900**	**ug/kg**	**440**
bis(2-Chloroethoxy) methane	ND	7900	ug/kg	370
bis(2-Chloroethyl)-ether	ND	1600	ug/kg	180
bis(2-Ethylhexyl) phthalate	ND	7900	ug/kg	610
4-Bromophenyl phenyl ether	ND	7900	ug/kg	360
Butyl benzyl phthalate	ND	7900	ug/kg	640
Caprolactam	ND	41000	ug/kg	1500
Carbazole	**2800**	**1600**	**ug/kg**	**330**
4-Chloroaniline	ND	7900	ug/kg	680
4-Chloro-3-methylphenol	ND	7900	ug/kg	480
2-Chloronaphthalene	ND	1600	ug/kg	460
2-Chlorophenol	ND	7900	ug/kg	400
4-Chlorophenyl phenyl ether	ND	7900	ug/kg	390
Chrysene	**49000**	**1600**	**ug/kg**	**310**
Dibenz(a,h)anthracene	ND	1600	ug/kg	500
Dibenzofuran	**9400**	**7900**	**ug/kg**	**440**
3,3'-Dichlorobenzidine	ND	7900	ug/kg	1800
2,4-Dichlorophenol	ND	1600	ug/kg	240
Diethyl phthalate	ND	7900	ug/kg	710
2,4-Dimethylphenol	ND	7900	ug/kg	340
Dimethyl phthalate	ND	7900	ug/kg	450

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ENSR International

Client Sample ID: SB32(20-22.5)

GC/MS Semivolatiles

Lot-Sample #...: C8J160275-005 Work Order #...: K01711AL Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-butyl phthalate	ND	7900	ug/kg	1300
4,6-Dinitro-2-methylphenol	ND	41000	ug/kg	5600
2,4-Dinitrophenol	ND 41000 U	41000	ug/kg	9400
2,4-Dinitrotoluene	ND	7900	ug/kg	410
2,6-Dinitrotoluene	ND	7900	ug/kg	510
Di-n-octyl phthalate	ND	7900	ug/kg	550
Fluoranthene	**110000**	**1600**	**ug/kg**	**510**
Fluorene	**90000**	**1600**	**ug/kg**	**380**
Hexachlorobenzene	ND	1600	ug/kg	480
Hexachlorobutadiene	ND	1600	ug/kg	490
Hexachlorocyclopentadiene	ND 7900 U	7900	ug/kg	360
Hexachloroethane	ND	7900	ug/kg	350
Indeno(1,2,3-cd)pyrene	**15000 J**	**1600**	**ug/kg**	**280**
Isophorone	ND	7900	ug/kg	440
2-Methylnaphthalene 1000000	~~650000 E~~	**1600**	**ug/kg**	**440**
2-Methylphenol	ND	7900	ug/kg	500
4-Methylphenol	ND	7900	ug/kg	500
Naphthalene 3000000	~~1100000 E~~	**1600**	**ug/kg**	**380**
2-Nitroaniline	ND	41000	ug/kg	480
3-Nitroaniline	ND	41000	ug/kg	680
4-Nitroaniline	ND	41000	ug/kg	330
Nitrobenzene	ND	1600	ug/kg	200
2-Nitrophenol	ND	7900	ug/kg	630
4-Nitrophenol	ND	41000	ug/kg	620
N-Nitrosodi-n-propylamine	ND	1600	ug/kg	190
N-Nitrosodiphenylamine	ND	1600	ug/kg	430
2,2'-oxybis(1-Chloropropane)	ND	1600	ug/kg	480
Pentachlorophenol	ND	7900	ug/kg	590
Phenanthrene 550000	~~370000 E~~	**1600**	**ug/kg**	**380**
Phenol	ND	1600	ug/kg	480
Pyrene	**180000**	**1600**	**ug/kg**	**490**
2,4,5-Trichlorophenol	ND	7900	ug/kg	650
2,4,6-Trichlorophenol	ND	7900	ug/kg	640

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ENSR International

Client Sample ID: SB32(20-22.5)

GC/MS Semivolatiles

Lot-Sample #...: C8J160275-005 Work Order #...: K01711AL Matrix.....: SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	NC,DIL	(50 - 124)
2-Fluorobiphenyl	NC,DIL	(49 - 105)
2-Fluorophenol	NC,DIL	(39 - 103)
Nitrobenzene-d5	NC,DIL	(25 - 104)
Phenol-d5	NC,DIL	(25 - 105)
Terphenyl-d14	NC,DIL	(25 - 127)

NOTE(S):

NC The recovery and/or RPD were not calculated.

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.

E Estimated result. Result concentration exceeds the calibration range.

ENSR International

Client Sample ID: SB32(20-22.5)

GC/MS Semivolatiles

Lot-Sample #...: C8J160275-005	Work Order #...: K01712AL	Matrix.....:	SO
Date Sampled...: 10/15/08 14:20	Date Received..: 10/16/08 09:30	MS Run #.....:	8296004
Prep Date.....: 10/22/08	Analysis Date..: 10/23/08		
Prep Batch #...: 8296013	Analysis Time..: 16:59		
Dilution Factor: 400	Initial Wgt/Vol: 15 g	Final Wgt/Vol..:	5 mL
% Moisture.....: 16	Analyst ID.....: 007062	Instrument ID..:	732
	Method.....: SW846 8270C		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	**270000**	**32000**	**ug/kg**	**8300**
Acenaphthylene	**160000**	**32000**	**ug/kg**	**9200**
Acetophenone	ND	160000	ug/kg	9600
Anthracene	**180000**	**32000**	**ug/kg**	**9000**
Atrazine	ND	160000	ug/kg	11000
Benzo(a)anthracene	**120000**	**32000**	**ug/kg**	**6300**
Benzo(a)pyrene	**74000**	**32000**	**ug/kg**	**4900**
Benzo(b)fluoranthene	**64000**	**32000**	**ug/kg**	**6100**
Benzo(ghi)perylene	**41000**	**32000**	**ug/kg**	**5400**
Benzo(k)fluoranthene	ND	32000	ug/kg	5100
Benzaldehyde	ND	160000	ug/kg	17000
1,1'-Biphenyl	**77000 J**	**160000**	**ug/kg**	**8700**
bis(2-Chloroethoxy) methane	ND	160000	ug/kg	7400
bis(2-Chloroethyl)-ether	ND	32000	ug/kg	3600
bis(2-Ethylhexyl) phthalate	ND	160000	ug/kg	12000
4-Bromophenyl phenyl ether	ND	160000	ug/kg	7100
Butyl benzyl phthalate	ND	160000	ug/kg	13000
Caprolactam	ND	810000	ug/kg	30000
Carbazole	ND	32000	ug/kg	6500
4-Chloroaniline	ND	160000	ug/kg	14000
4-Chloro-3-methylphenol	ND	160000	ug/kg	9700
2-Chloronaphthalene	ND	32000	ug/kg	9200
2-Chlorophenol	ND	160000	ug/kg	8000
4-Chlorophenyl phenyl ether	ND	160000	ug/kg	7900
Chrysene	ND	32000	ug/kg	6300
Dibenz(a,h)anthracene	ND	32000	ug/kg	10000
Dibenzofuran	**20000 J**	**160000**	**ug/kg**	**8800**
3,3'-Dichlorobenzidine	ND	160000	ug/kg	36000
2,4-Dichlorophenol	ND	32000	ug/kg	4700
Diethyl phthalate	ND	160000	ug/kg	14000
2,4-Dimethylphenol	ND	160000	ug/kg	6800
Dimethyl phthalate	ND	160000	ug/kg	9000

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ENSR International

Client Sample ID: SB32(20-22.5)

GC/MS Semivolatiles

Lot-Sample #...: C8J160275-005 Work Order #...: K01712AL Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-butyl phthalate	ND	160000	ug/kg	26000
4,6-Dinitro-2-methylphenol	ND	810000	ug/kg	110000
2,4-Dinitrophenol	ND	810000	ug/kg	190000
2,4-Dinitrotoluene	ND	160000	ug/kg	8200
2,6-Dinitrotoluene	ND	160000	ug/kg	10000
Di-n-octyl phthalate	ND	160000	ug/kg	11000
Fluoranthene	**210000**	**32000**	**ug/kg**	**10000**
Fluorene	**170000**	**32000**	**ug/kg**	**7700**
Hexachlorobenzene	ND	32000	ug/kg	9500
Hexachlorobutadiene	ND	32000	ug/kg	9700
Hexachlorocyclopentadiene	ND	160000	ug/kg	7300
Hexachloroethane	ND	160000	ug/kg	7100
Indeno(1,2,3-cd)pyrene	**30000 J**	**32000**	**ug/kg**	**5600**
Isophorone	ND	160000	ug/kg	8800
2-Methylnaphthalene	**1000000**	**32000**	**ug/kg**	**8800**
2-Methylphenol	ND	160000	ug/kg	9900
4-Methylphenol	ND	160000	ug/kg	9900
Naphthalene	**3000000**	**32000**	**ug/kg**	**7700**
2-Nitroaniline	ND	810000	ug/kg	9500
3-Nitroaniline	ND	810000	ug/kg	14000
4-Nitroaniline	ND	810000	ug/kg	6700
Nitrobenzene	ND	32000	ug/kg	3900
2-Nitrophenol	ND	160000	ug/kg	13000
4-Nitrophenol	ND	810000	ug/kg	12000
N-Nitrosodi-n-propylamine	ND	32000	ug/kg	3900
N-Nitrosodiphenylamine	ND	32000	ug/kg	8600
2,2'-oxybis(1-Chloropropane)	ND	32000	ug/kg	9500
Pentachlorophenol	ND	160000	ug/kg	12000
Phenanthrene	**550000**	**32000**	**ug/kg**	**7600**
Phenol	ND	32000	ug/kg	9600
Pyrene	**290000**	**32000**	**ug/kg**	**9700**
2,4,5-Trichlorophenol	ND	160000	ug/kg	13000
2,4,6-Trichlorophenol	ND	160000	ug/kg	13000

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ENSR International

Client Sample ID: SB32(20-22.5)

GC/MS Semivolatiles

Lot-Sample #...: C8J160275-005 Work Order #...: K01712AL Matrix.....: SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	NC,DIL	(50 - 124)
2-Fluorobiphenyl	NC,DIL	(49 - 105)
2-Fluorophenol	NC,DIL	(39 - 103)
Nitrobenzene-d5	NC,DIL	(25 - 104)
Phenol-d5	NC,DIL	(25 - 105)
Terphenyl-d14	NC,DIL	(25 - 127)

NOTE(S):

NC The recovery and/or RPD were not calculated.

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.

ENSR International

Client Sample ID: SB32(42-47.5)

GC/MS Semivolatiles

Lot-Sample #...:	C8J160275-006	Work Order #...:	K01731AL	Matrix.....:	SO
Date Sampled...:	10/15/08 16:00	Date Received..:	10/16/08 09:30	MS Run #.....:	8296004
Prep Date.....:	10/22/08	Analysis Date..:	10/24/08		
Prep Batch #...:	8296013	Analysis Time..:	19:28		
Dilution Factor:	1	Initial Wgt/Vol:	15 g	Final Wgt/Vol..:	5 mL
% Moisture.....:	17	Analyst ID.....:	403801	Instrument ID..:	732
		Method.....:	SW846 8270C		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	81	ug/kg	21
Acenaphthylene	ND	81	ug/kg	23
Acetophenone	ND	400	ug/kg	24
Anthracene	ND	81	ug/kg	23
Atrazine	ND 400 U J	400	ug/kg	27
Benzo(a)anthracene	ND	81	ug/kg	16
Benzo(a)pyrene	ND	81	ug/kg	12
Benzo(b)fluoranthene	ND	81	ug/kg	15
Benzo(ghi)perylene	ND	81	ug/kg	14
Benzo(k)fluoranthene	ND 81 U J	81	ug/kg	13
Benzaldehyde	ND 400 U J	400	ug/kg	42
1,1'-Biphenyl	ND	400	ug/kg	22
bis(2-Chloroethoxy) methane	ND	400	ug/kg	19
bis(2-Chloroethyl)-ether	ND	81	ug/kg	9.0
bis(2-Ethylhexyl) phthalate	ND	400	ug/kg	31
4-Bromophenyl phenyl ether	ND	400	ug/kg	18
Butyl benzyl phthalate	ND	400	ug/kg	32
Caprolactam	ND	2000	ug/kg	76
Carbazole	ND	81	ug/kg	16
4-Chloroaniline	ND	400	ug/kg	34
4-Chloro-3-methylphenol	ND	400	ug/kg	24
2-Chloronaphthalene	ND	81	ug/kg	23
2-Chlorophenol	ND	400	ug/kg	20
4-Chlorophenyl phenyl ether	ND	400	ug/kg	20
Chrysene	ND	81	ug/kg	16
Dibenz(a,h)anthracene	ND	81	ug/kg	25
Dibenzofuran	ND	400	ug/kg	22
3,3'-Dichlorobenzidine	ND	400	ug/kg	90
2,4-Dichlorophenol	ND	81	ug/kg	12
Diethyl phthalate	**83 J**	**400**	**ug/kg**	**36**
2,4-Dimethylphenol	ND	400	ug/kg	17
Dimethyl phthalate	ND	400	ug/kg	23

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ENSR International

Client Sample ID: SB32(42-47.5)

GC/MS Semivolatiles

Lot-Sample #...: C8J160275-006 Work Order #...: K01731AL Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-butyl phthalate	ND	400	ug/kg	66
4,6-Dinitro-2-methylphenol	ND	2000	ug/kg	280
2,4-Dinitrophenol	ND 2000 UJ	2000	ug/kg	470
2,4-Dinitrotoluene	ND	400	ug/kg	21
2,6-Dinitrotoluene	ND	400	ug/kg	26
Di-n-octyl phthalate	ND	400	ug/kg	28
Fluoranthene	ND	81	ug/kg	26
Fluorene	ND	81	ug/kg	19
Hexachlorobenzene	ND	81	ug/kg	24
Hexachlorobutadiene	ND	81	ug/kg	24
Hexachlorocyclopentadiene	ND	400	ug/kg	18
Hexachloroethane	ND	400	ug/kg	18
Indeno(1,2,3-cd)pyrene	ND	81	ug/kg	14
Isophorone	ND	400	ug/kg	22
2-Methylnaphthalene	ND	81	ug/kg	22
2-Methylphenol	ND	400	ug/kg	25
4-Methylphenol	ND	400	ug/kg	25
Naphthalene	**48 J**	**81**	**ug/kg**	**19**
2-Nitroaniline	ND	2000	ug/kg	24
3-Nitroaniline	ND	2000	ug/kg	34
4-Nitroaniline	ND	2000	ug/kg	17
Nitrobenzene	ND	81	ug/kg	9.9
2-Nitrophenol	ND	400	ug/kg	32
4-Nitrophenol	ND	2000	ug/kg	31
N-Nitrosodi-n-propylamine	ND	81	ug/kg	9.8
N-Nitrosodiphenylamine	ND	81	ug/kg	22
2,2'-oxybis(1-Chloropropane)	ND	81	ug/kg	24
Pentachlorophenol	ND	400	ug/kg	30
Phenanthrene	ND	81	ug/kg	19
Phenol	ND	81	ug/kg	24
Pyrene	ND	81	ug/kg	24
2,4,5-Trichlorophenol	ND	400	ug/kg	33
2,4,6-Trichlorophenol	ND	400	ug/kg	32

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ENSR International

Client Sample ID: SB32(42-47.5)

GC/MS Semivolatiles

Lot-Sample #...: C8J160275-006 Work Order #...: K01731AL Matrix.....: SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	87	(50 - 124)
2-Fluorobiphenyl	83	(49 - 105)
2-Fluorophenol	97	(39 - 103)
Nitrobenzene-d5	96	(25 - 104)
Phenol-d5	97	(25 - 105)
Terphenyl-d14	108	(25 - 127)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

ENSR International

Client Sample ID: SB38(22.5-25)

GC/MS Semivolatiles

Lot-Sample #...:	C8J220183-001	**Work Order #...:**	K1CL01AD	**Matrix.....:**	SO
Date Sampled...:	10/16/08 09:30	**Date Received..:**	10/21/08 10:00	**MS Run #.....:**	8298003
Prep Date.....:	10/24/08	**Analysis Date..:**	10/27/08		
Prep Batch #...:	8298011	**Analysis Time..:**	04:37		
Dilution Factor:	1/5	**Initial Wgt/Vol:**	15 g	**Final Wgt/Vol..:**	5 mL
% Moisture.....:	18	**Analyst ID.....:**	003200	**Instrument ID..:**	733
		Method.....:	SW846 8270C		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	**5100**	**81**	**ug/kg**	**21**
Acenaphthylene	**2100**	**81**	**ug/kg**	**23**
Acetophenone	ND	400	ug/kg	24
Anthracene	**4400**	**81**	**ug/kg**	**23**
Atrazine	ND	400	ug/kg	28
Benzo(a)anthracene	**2400**	**81**	**ug/kg**	**16**
Benzo(a)pyrene	**1800**	**81**	**ug/kg**	**12**
Benzo(b)fluoranthene	**1500** J	**81**	**ug/kg**	**16**
Benzo(ghi)perylene	**840**	**81**	**ug/kg**	**14**
Benzo(k)fluoranthene	ND	81	ug/kg	13
Benzaldehyde	ND Hold UJ	400	ug/kg	43
1,1'-Biphenyl	**1600**	**400**	**ug/kg**	**22**
bis(2-Chloroethoxy) methane	ND	400	ug/kg	19
bis(2-Chloroethyl)-ether	ND	81	ug/kg	9.1
bis(2-Ethylhexyl) phthalate	ND	400	ug/kg	31
4-Bromophenyl phenyl ether	ND	400	ug/kg	18
Butyl benzyl phthalate	ND	400	ug/kg	32
Caprolactam	ND	2100	ug/kg	76
Carbazole	**90**	**81**	**ug/kg**	**17**
4-Chloroaniline	ND	400	ug/kg	35
4-Chloro-3-methylphenol	ND	400	ug/kg	25
2-Chloronaphthalene	ND	81	ug/kg	23
2-Chlorophenol	ND	400	ug/kg	20
4-Chlorophenyl phenyl ether	ND	400	ug/kg	20
Chrysene	**2400**	**81**	**ug/kg**	**16**
Dibenz(a,h)anthracene	**230**	**81**	**ug/kg**	**26**
Dibenzofuran	**500**	**400**	**ug/kg**	**22**
3,3'-Dichlorobenzidine	ND	400	ug/kg	91
2,4-Dichlorophenol	ND	81	ug/kg	12
Diethyl phthalate	ND	400	ug/kg	36
2,4-Dimethylphenol	ND	400	ug/kg	17
Dimethyl phthalate	ND	400	ug/kg	23

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ENSR International

Client Sample ID: SB38(22.5-25)

GC/MS Semivolatiles

Lot-Sample #...: C8J220183-001 Work Order #...: K1CL01AD Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-butyl phthalate	ND	400	ug/kg	67
4,6-Dinitro-2-methylphenol	ND	2100	ug/kg	280
2,4-Dinitrophenol	ND	2100	ug/kg	480
2,4-Dinitrotoluene	ND	400	ug/kg	21
2,6-Dinitrotoluene	ND	400	ug/kg	26
Di-n-octyl phthalate	ND	400	ug/kg	28
Fluoranthene	**4800**	**81**	**ug/kg**	**26**
Fluorene	**4600**	**81**	**ug/kg**	**20**
Hexachlorobenzene	ND	81	ug/kg	24
Hexachlorobutadiene	ND	81	ug/kg	25
Hexachlorocyclopentadiene	ND 400 U	400	ug/kg	19
Hexachloroethane	ND	400	ug/kg	18
Indeno(1,2,3-cd)pyrene	**580**	**81**	**ug/kg**	**14**
Isophorone	ND	400	ug/kg	22
2-Methylnaphthalene 18000	~~19000 E~~	**81**	**ug/kg**	**22**
2-Methylphenol	ND	400	ug/kg	25
4-Methylphenol	ND	400	ug/kg	25
Naphthalene 31000	~~22000 E~~	**81**	**ug/kg**	**20**
2-Nitroaniline	ND	2100	ug/kg	24
3-Nitroaniline	ND	2100	ug/kg	35
4-Nitroaniline	ND	2100	ug/kg	17
Nitrobenzene	ND	81	ug/kg	10
2-Nitrophenol	ND	400	ug/kg	32
4-Nitrophenol	ND	2100	ug/kg	31
N-Nitrosodi-n-propylamine	ND	81	ug/kg	9.9
N-Nitrosodiphenylamine	ND	81	ug/kg	22
2,2'-oxybis (1-Chloropropane)	ND	81	ug/kg	24
Pentachlorophenol	ND	400	ug/kg	30
Phenanthrene	**15000**	**81**	**ug/kg**	**19**
Phenol	ND	81	ug/kg	24
Pyrene	**6400**	**81**	**ug/kg**	**25**
2,4,5-Trichlorophenol	ND	400	ug/kg	33
2,4,6-Trichlorophenol	ND	400	ug/kg	33

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ENSR International

Client Sample ID: SB38(22.5-25)

GC/MS Semivolatiles

Lot-Sample #...: C8J220183-001 Work Order #...: K1CL01AD Matrix.....: SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	63	(50 - 124)
2-Fluorobiphenyl	60	(49 - 105)
2-Fluorophenol	56	(39 - 103)
Nitrobenzene-d5	54	(25 - 104)
Phenol-d5	63	(25 - 105)
Terphenyl-d14	74	(25 - 127)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

E Estimated result. Result concentration exceeds the calibration range.

ENSR International

Client Sample ID: SB38(22.5-25)

GC/MS Semivolatiles

Lot-Sample #...:	C8J220183-001	Work Order #...:	K1CL02AD	Matrix.....:	SO
Date Sampled...:	10/16/08 09:30	Date Received..:	10/21/08 10:00	MS Run #.....:	8298003
Prep Date.....:	10/24/08	Analysis Date..:	10/28/08		
Prep Batch #...:	8298011	Analysis Time..:	02:28		
Dilution Factor:	5	Initial Wgt/Vol:	15 g	Final Wgt/Vol..:	5 mL
% Moisture.....:	18	Analyst ID.....:	003200	Instrument ID..:	733
		Method.....:	SW846 8270C		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	**5200**	**410**	**ug/kg**	**100**
Acenaphthylene	**2000**	**410**	**ug/kg**	**120**
Acetophenone	ND	2000	ug/kg	120
Anthracene	**4300**	**410**	**ug/kg**	**110**
Atrazine	ND	2000	ug/kg	140
Benzo(a)anthracene	**2500**	**410**	**ug/kg**	**80**
Benzo(a)pyrene	**1700**	**410**	**ug/kg**	**62**
Benzo(b)fluoranthene	**1500**	**410**	**ug/kg**	**78**
Benzo(ghi)perylene	**610**	**410**	**ug/kg**	**69**
Benzo(k)fluoranthene	ND	410	ug/kg	65
Benzaldehyde	ND	2000	ug/kg	210
1,1'-Biphenyl	**1600 J**	**2000**	**ug/kg**	**110**
bis(2-Chloroethoxy) methane	ND	2000	ug/kg	94
bis(2-Chloroethyl)-ether	ND	410	ug/kg	45
bis(2-Ethylhexyl) phthalate	ND	2000	ug/kg	150
4-Bromophenyl phenyl ether	ND	2000	ug/kg	90
Butyl benzyl phthalate	ND	2000	ug/kg	160
Caprolactam	ND	10000	ug/kg	380
Carbazole	**110 J**	**410**	**ug/kg**	**83**
4-Chloroaniline	ND	2000	ug/kg	170
4-Chloro-3-methylphenol	ND	2000	ug/kg	120
2-Chloronaphthalene	ND	410	ug/kg	120
2-Chlorophenol	ND	2000	ug/kg	100
4-Chlorophenyl phenyl ether	ND	2000	ug/kg	100
Chrysene	**2300**	**410**	**ug/kg**	**80**
Dibenz(a,h)anthracene	**500**	**410**	**ug/kg**	**130**
Dibenzofuran	ND	2000	ug/kg	110
3,3'-Dichlorobenzidine	ND	2000	ug/kg	450
2,4-Dichlorophenol	ND	410	ug/kg	60
Diethyl phthalate	ND	2000	ug/kg	180
2,4-Dimethylphenol	ND	2000	ug/kg	87
Dimethyl phthalate	ND	2000	ug/kg	110

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ENSR International

Client Sample ID: SB38(22.5-25)

GC/MS Semivolatiles

Lot-Sample #...: C8J220183-001 Work Order #...: K1CL02AD Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-butyl phthalate	ND	2000	ug/kg	330
4,6-Dinitro-2-methylphenol	ND	10000	ug/kg	1400
2,4-Dinitrophenol	ND	10000	ug/kg	2400
2,4-Dinitrotoluene	ND	2000	ug/kg	100
2,6-Dinitrotoluene	ND	2000	ug/kg	130
Di-n-octyl phthalate	ND	2000	ug/kg	140
Fluoranthene	**4800**	**410**	**ug/kg**	**130**
Fluorene	**4700**	**410**	**ug/kg**	**98**
Hexachlorobenzene	ND	410	ug/kg	120
Hexachlorobutadiene	ND	410	ug/kg	120
Hexachlorocyclopentadiene	ND	2000	ug/kg	93
Hexachloroethane	ND	2000	ug/kg	90
Indeno(1,2,3-cd)pyrene	**730**	**410**	**ug/kg**	**72**
Isophorone	ND	2000	ug/kg	110
2-Methylnaphthalene	**18000**	**410**	**ug/kg**	**110**
2-Methylphenol	ND	2000	ug/kg	130
4-Methylphenol	ND	2000	ug/kg	130
Naphthalene	**31000**	**410**	**ug/kg**	**98**
2-Nitroaniline	ND	10000	ug/kg	120
3-Nitroaniline	ND	10000	ug/kg	170
4-Nitroaniline	ND	10000	ug/kg	85
Nitrobenzene	ND	410	ug/kg	50
2-Nitrophenol	ND	2000	ug/kg	160
4-Nitrophenol	ND	10000	ug/kg	160
N-Nitrosodi-n-propylamine	ND	410	ug/kg	49
N-Nitrosodiphenylamine	ND	410	ug/kg	110
2,2'-oxybis(1-Chloropropane)	ND	410	ug/kg	120
Pentachlorophenol	ND	2000	ug/kg	150
Phenanthrene	**15000**	**410**	**ug/kg**	**97**
Phenol	ND	410	ug/kg	120
Pyrene	**6300**	**410**	**ug/kg**	**120**
2,4,5-Trichlorophenol	ND	2000	ug/kg	170
2,4,6-Trichlorophenol	ND	2000	ug/kg	160

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ENSR International

Client Sample ID: SB38(22.5-25)

GC/MS Semivolatiles

Lot-Sample #...: C8J220183-001 Work Order #...: K1CL02AD Matrix.....: SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	37 *	(50 - 124)
2-Fluorobiphenyl	59	(49 - 105)
2-Fluorophenol	55	(39 - 103)
Nitrobenzene-d5	55	(25 - 104)
Phenol-d5	61	(25 - 105)
Terphenyl-d14	73	(25 - 127)

NOTE(S):

* Surrogate recovery is outside stated control limits.

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

ENSR International

Client Sample ID: SB38(45-47.5)

GC/MS Semivolatiles

Lot-Sample #...: C8J220183-002	**Work Order #...:** K1CL31AL	**Matrix.....:** SO
Date Sampled...: 10/16/08 14:00	**Date Received..:** 10/21/08 10:00	**MS Run #.....:** 8298003
Prep Date.....: 10/24/08	**Analysis Date..:** 10/27/08	
Prep Batch #...: 8298011	**Analysis Time..:** 04:58	
Dilution Factor: 0.99	**Initial Wgt/Vol:** 15.2 g	**Final Wgt/Vol..:** 5 mL
% Moisture.....: 16	**Analyst ID.....:** 003200	**Instrument ID..:** 733
	Method.....: SW846 8270C	

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	79	ug/kg	20
Acenaphthylene	ND	79	ug/kg	23
Acetophenone	ND	390	ug/kg	24
Anthracene	ND	79	ug/kg	22
Atrazine	ND	390	ug/kg	27
Benzo(a)anthracene	ND	79	ug/kg	15
Benzo(a)pyrene	ND	79	ug/kg	12
Benzo(b)fluoranthene	ND 79 u J	79	ug/kg	15
Benzo(ghi)perylene	ND	79	ug/kg	13
Benzo(k)fluoranthene	ND	79	ug/kg	13
Benzaldehyde	ND 390 u J	390	ug/kg	42
1,1'-Biphenyl	ND	390	ug/kg	22
bis(2-Chloroethoxy) methane	ND	390	ug/kg	18
bis(2-Chloroethyl)-ether	ND	79	ug/kg	8.8
bis(2-Ethylhexyl) phthalate	ND	390	ug/kg	30
4-Bromophenyl phenyl ether	ND	390	ug/kg	18
Butyl benzyl phthalate	ND	390	ug/kg	31
Caprolactam	ND	2000	ug/kg	74
Carbazole	ND	79	ug/kg	16
4-Chloroaniline	ND	390	ug/kg	34
4-Chloro-3-methylphenol	ND	390	ug/kg	24
2-Chloronaphthalene	ND	79	ug/kg	23
2-Chlorophenol	ND	390	ug/kg	20
4-Chlorophenyl phenyl ether	ND	390	ug/kg	19
Chrysene	ND	79	ug/kg	16
Dibenz(a,h)anthracene	ND	79	ug/kg	25
Dibenzofuran	ND	390	ug/kg	22
3,3'-Dichlorobenzidine	ND	390	ug/kg	88
2,4-Dichlorophenol	ND	79	ug/kg	12
Diethyl phthalate	ND	390	ug/kg	35
2,4-Dimethylphenol	ND	390	ug/kg	17
Dimethyl phthalate	ND	390	ug/kg	22

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ENSR International

Client Sample ID: SB38(45-47.5)

GC/MS Semivolatiles

Lot-Sample #...: C8J220183-002 Work Order #...: K1CL31AL Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-butyl phthalate	ND	390	ug/kg	65
4,6-Dinitro-2-methylphenol	ND	2000	ug/kg	280
2,4-Dinitrophenol	ND	2000	ug/kg	460
2,4-Dinitrotoluene	ND	390	ug/kg	20
2,6-Dinitrotoluene	ND	390	ug/kg	25
Di-n-octyl phthalate	ND	390	ug/kg	27
Fluoranthene	ND	79	ug/kg	25
Fluorene	ND	79	ug/kg	19
Hexachlorobenzene	ND	79	ug/kg	24
Hexachlorobutadiene	ND	79	ug/kg	24
Hexachlorocyclopentadiene	ND 390 U	390	ug/kg	18
Hexachloroethane	ND	390	ug/kg	17
Indeno(1,2,3-cd)pyrene	ND	79	ug/kg	14
Isophorone	ND	390	ug/kg	22
2-Methylnaphthalene	ND	79	ug/kg	22
2-Methylphenol	ND	390	ug/kg	24
4-Methylphenol	ND	390	ug/kg	25
Naphthalene	**36 J**	**79**	**ug/kg**	**19**
2-Nitroaniline	ND	2000	ug/kg	24
3-Nitroaniline	ND	2000	ug/kg	34
4-Nitroaniline	ND	2000	ug/kg	16
Nitrobenzene	ND	79	ug/kg	9.7
2-Nitrophenol	ND	390	ug/kg	31
4-Nitrophenol	ND	2000	ug/kg	30
N-Nitrosodi-n-propylamine	ND	79	ug/kg	9.6
N-Nitrosodiphenylamine	ND	79	ug/kg	21
2,2'-oxybis (1-Chloropropane)	ND	79	ug/kg	23
Pentachlorophenol	ND	390	ug/kg	29
Phenanthrene	**28 J**	**79**	**ug/kg**	**19**
Phenol	ND	79	ug/kg	24
Pyrene	ND	79	ug/kg	24
2,4,5-Trichlorophenol	ND	390	ug/kg	32
2,4,6-Trichlorophenol	ND	390	ug/kg	32

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ENSR International

Client Sample ID: SB38(45-47.5)

GC/MS Semivolatiles

Lot-Sample #...: C8J220183-002 Work Order #...: K1CL31AL Matrix.....: SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	58	(50 - 124)
2-Fluorobiphenyl	62	(49 - 105)
2-Fluorophenol	61	(39 - 103)
Nitrobenzene-d5	58	(25 - 104)
Phenol-d5	63	(25 - 105)
Terphenyl-d14	68	(25 - 127)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

ENSR International

Client Sample ID: SB31(25-27.5)

GC/MS Semivolatiles

Lot-Sample #...:	C8J220183-003	**Work Order #...:**	K1CL51AL	**Matrix.....:**	SO
Date Sampled...:	10/17/08 11:50	**Date Received..:**	10/21/08 10:00	**MS Run #.....:**	8298003
Prep Date.....:	10/24/08	**Analysis Date..:**	10/27/08		
Prep Batch #...:	8298011	**Analysis Time..:**	05:19		
Dilution Factor:	1	**Initial Wgt/Vol:**	15 g	**Final Wgt/Vol..:**	5 mL
% Moisture.....:	18	**Analyst ID.....:**	003200	**Instrument ID..:**	733
		Method.....:	SW846 8270C		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	**1500**	**82**	**ug/kg**	**21**
Acenaphthylene	**220**	**82**	**ug/kg**	**24**
Acetophenone	ND	400	ug/kg	25
Anthracene	**950**	**82**	**ug/kg**	**23**
Atrazine	ND	400	ug/kg	28
Benzo(a)anthracene	**560**	**82**	**ug/kg**	**16**
Benzo(a)pyrene	**400**	**82**	**ug/kg**	**13**
Benzo(b)fluoranthene	**290 J**	**82**	**ug/kg**	**16**
Benzo(ghi)perylene	**150**	**82**	**ug/kg**	**14**
Benzo(k)fluoranthene	ND	82	ug/kg	13
Benzaldehyde	ND 400 UJ	400	ug/kg	43
1,1'-Biphenyl	**380 J**	**400**	**ug/kg**	**22**
bis(2-Chloroethoxy) methane	ND	400	ug/kg	19
bis(2-Chloroethyl)-ether	ND	82	ug/kg	9.2
bis(2-Ethylhexyl) phthalate	ND	400	ug/kg	31
4-Bromophenyl phenyl ether	ND	400	ug/kg	18
Butyl benzyl phthalate	ND	400	ug/kg	33
Caprolactam	ND	2100	ug/kg	77
Carbazole	**18 J**	**82**	**ug/kg**	**17**
4-Chloroaniline	ND	400	ug/kg	35
4-Chloro-3-methylphenol	ND	400	ug/kg	25
2-Chloronaphthalene	ND	82	ug/kg	24
2-Chlorophenol	ND	400	ug/kg	20
4-Chlorophenyl phenyl ether	ND	400	ug/kg	20
Chrysene	**470**	**82**	**ug/kg**	**16**
Dibenz(a,h)anthracene	**110**	**82**	**ug/kg**	**26**
Dibenzofuran	ND	400	ug/kg	22
3,3'-Dichlorobenzidine	ND	400	ug/kg	91
2,4-Dichlorophenol	ND	82	ug/kg	12
Diethyl phthalate	ND	400	ug/kg	36
2,4-Dimethylphenol	ND	400	ug/kg	17
Dimethyl phthalate	ND	400	ug/kg	23

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ENSR International

Client Sample ID: SB31(25-27.5)

GC/MS Semivolatiles

Lot-Sample #...: C8J220183-003 Work Order #...: K1CL51AL Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-butyl phthalate	ND	400	ug/kg	67
4,6-Dinitro-2-methylphenol	ND	2100	ug/kg	290
2,4-Dinitrophenol	ND	2100	ug/kg	480
2,4-Dinitrotoluene	ND	400	ug/kg	21
2,6-Dinitrotoluene	ND	400	ug/kg	26
Di-n-octyl phthalate	ND	400	ug/kg	28
Fluoranthene	**950**	**82**	**ug/kg**	**26**
Fluorene	**1000**	**82**	**ug/kg**	**20**
Hexachlorobenzene	ND	82	ug/kg	24
Hexachlorobutadiene	ND	82	ug/kg	25
Hexachlorocyclopentadiene	ND 400 U J	400	ug/kg	19
Hexachloroethane	ND	400	ug/kg	18
Indeno(1,2,3-cd)pyrene	**170**	**82**	**ug/kg**	**14**
Isophorone	ND	400	ug/kg	23
2-Methylnaphthalene	**4800**	**82**	**ug/kg**	**22**
2-Methylphenol	ND	400	ug/kg	25
4-Methylphenol	ND	400	ug/kg	25
Naphthalene	**9000**	**82**	**ug/kg**	**20**
2-Nitroaniline	ND	2100	ug/kg	24
3-Nitroaniline	ND	2100	ug/kg	35
4-Nitroaniline	ND	2100	ug/kg	17
Nitrobenzene	ND	82	ug/kg	10
2-Nitrophenol	ND	400	ug/kg	32
4-Nitrophenol	ND	2100	ug/kg	32
N-Nitrosodi-n-propylamine	ND	82	ug/kg	9.9
N-Nitrosodiphenylamine	ND	82	ug/kg	22
2,2'-oxybis(1-Chloropropane)	ND	82	ug/kg	24
Pentachlorophenol	ND	400	ug/kg	30
Phenanthrene	**3100**	**82**	**ug/kg**	**19**
Phenol	ND	82	ug/kg	25
Pyrene	**1400**	**82**	**ug/kg**	**25**
2,4,5-Trichlorophenol	ND	400	ug/kg	34
2,4,6-Trichlorophenol	ND	400	ug/kg	33

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ENSR International

Client Sample ID: SB31(25-27.5)

GC/MS Semivolatiles

Lot-Sample #...: C8J220183-003 Work Order #...: K1CL51AL Matrix.....: SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	62	(50 - 124)
2-Fluorobiphenyl	60	(49 - 105)
2-Fluorophenol	58	(39 - 103)
Nitrobenzene-d5	54	(25 - 104)
Phenol-d5	62	(25 - 105)
Terphenyl-d14	74	(25 - 127)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

ENSR International

Client Sample ID: SB31(47.5-50)

GC/MS Semivolatiles

Lot-Sample #...:	C8J220183-004	**Work Order #...:**	K1CL81AL	**Matrix.....:**	SO
Date Sampled...:	10/17/08 12:10	**Date Received..:**	10/21/08 10:00	**MS Run #.....:**	8298003
Prep Date.....:	10/24/08	**Analysis Date..:**	10/27/08		
Prep Batch #...:	8298011	**Analysis Time..:**	05:39		
Dilution Factor:	1	**Initial Wgt/Vol:**	15 g	**Final Wgt/Vol..:**	5 mL
% Moisture.....:	22	**Analyst ID.....:**	003200	**Instrument ID..:**	733
		Method.....:	SW846 8270C		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	86	ug/kg	22
Acenaphthylene	ND	86	ug/kg	25
Acetophenone	ND	420	ug/kg	26
Anthracene	ND	86	ug/kg	24
Atrazine	ND	420	ug/kg	29
Benzo(a)anthracene	ND	86	ug/kg	17
Benzo(a)pyrene	ND	86	ug/kg	13
Benzo(b)fluoranthene	ND 86 UJ	86	ug/kg	16
Benzo(ghi)perylene	ND	86	ug/kg	14
Benzo(k)fluoranthene	ND	86	ug/kg	14
Benzaldehyde	ND 420 UJ	420	ug/kg	45
1,1'-Biphenyl	ND	420	ug/kg	23
bis(2-Chloroethoxy) methane	ND	420	ug/kg	20
bis(2-Chloroethyl)-ether	ND	86	ug/kg	9.6
bis(2-Ethylhexyl) phthalate	ND	420	ug/kg	33
4-Bromophenyl phenyl ether	ND	420	ug/kg	19
Butyl benzyl phthalate	ND	420	ug/kg	34
Caprolactam	ND	2200	ug/kg	80
Carbazole	ND	86	ug/kg	17
4-Chloroaniline	ND	420	ug/kg	37
4-Chloro-3-methylphenol	ND	420	ug/kg	26
2-Chloronaphthalene	ND	86	ug/kg	25
2-Chlorophenol	ND	420	ug/kg	21
4-Chlorophenyl phenyl ether	ND	420	ug/kg	21
Chrysene	ND	86	ug/kg	17
Dibenz(a,h)anthracene	ND	86	ug/kg	27
Dibenzofuran	ND	420	ug/kg	23
3,3'-Dichlorobenzidine	ND	420	ug/kg	96
2,4-Dichlorophenol	ND	86	ug/kg	13
Diethyl phthalate	ND	420	ug/kg	38
2,4-Dimethylphenol	ND	420	ug/kg	18
Dimethyl phthalate	ND	420	ug/kg	24

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ENSR International

Client Sample ID: SB31(47.5-50)

GC/MS Semivolatiles

Lot-Sample #...: C8J220183-004 Work Order #...: K1CL81AL Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-butyl phthalate	ND	420	ug/kg	70
4,6-Dinitro-2-methylphenol	ND	2200	ug/kg	300
2,4-Dinitrophenol	ND	2200	ug/kg	500
2,4-Dinitrotoluene	ND	420	ug/kg	22
2,6-Dinitrotoluene	ND	420	ug/kg	27
Di-n-octyl phthalate	ND	420	ug/kg	30
Fluoranthene	ND	86	ug/kg	27
Fluorene	ND	86	ug/kg	21
Hexachlorobenzene	ND	86	ug/kg	26
Hexachlorobutadiene	ND	86	ug/kg	26
Hexachlorocyclopentadiene	ND 420 UJ	420	ug/kg	20
Hexachloroethane	ND	420	ug/kg	19
Indeno(1,2,3-cd)pyrene	ND	86	ug/kg	15
Isophorone	ND	420	ug/kg	24
2-Methylnaphthalene	ND	86	ug/kg	23
2-Methylphenol	ND	420	ug/kg	27
4-Methylphenol	ND	420	ug/kg	27
Naphthalene	ND	86	ug/kg	21
2-Nitroaniline	ND	2200	ug/kg	26
3-Nitroaniline	ND	2200	ug/kg	36
4-Nitroaniline	ND	2200	ug/kg	18
Nitrobenzene	ND	86	ug/kg	11
2-Nitrophenol	ND	420	ug/kg	34
4-Nitrophenol	ND	2200	ug/kg	33
N-Nitrosodi-n-propylamine	ND	86	ug/kg	10
N-Nitrosodiphenylamine	ND	86	ug/kg	23
2,2'-oxybis(1-Chloropropane)	ND	86	ug/kg	25
Pentachlorophenol	ND	420	ug/kg	32
Phenanthrene	ND	86	ug/kg	20
Phenol	ND	86	ug/kg	26
Pyrene	ND	86	ug/kg	26
2,4,5-Trichlorophenol	ND	420	ug/kg	35
2,4,6-Trichlorophenol	ND	420	ug/kg	34

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ENSR International

Client Sample ID: SB31(47.5-50)

GC/MS Semivolatiles

Lot-Sample #...: C8J220183-004 Work Order #...: K1CL81AL Matrix.....: SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	67	(50 - 124)
2-Fluorobiphenyl	63	(49 - 105)
2-Fluorophenol	57	(39 - 103)
Nitrobenzene-d5	58	(25 - 104)
Phenol-d5	65	(25 - 105)
Terphenyl-d14	82	(25 - 127)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

ENSR International

Client Sample ID: SB39(32.5-35)

GC/MS Semivolatiles

Lot-Sample #...:	C8J220183-005	Work Order #...:	K1CMD1AL	Matrix.....:	SO
Date Sampled...:	10/20/08 13:50	Date Received..:	10/21/08 10:00	MS Run #.....:	8298003
Prep Date.....:	10/24/08	Analysis Date..:	10/27/08		
Prep Batch #...:	8298011	Analysis Time..:	06:00		
Dilution Factor:	2	Initial Wgt/Vol:	15 g	Final Wgt/Vol..:	5 mL
% Moisture.....:	16	Analyst ID.....:	003200	Instrument ID..:	733
		Method.....:	SW846 8270C		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	**9400**	**160**	**ug/kg**	**41**
Acenaphthylene	**2200**	**160**	**ug/kg**	**46**
Acetophenone	ND	790	ug/kg	48
Anthracene	**6000**	**160**	**ug/kg**	**45**
Atrazine	ND	790	ug/kg	55
Benzo(a)anthracene	**3800**	**160**	**ug/kg**	**31**
Benzo(a)pyrene	**2800**	**160**	**ug/kg**	**24**
Benzo(b)fluoranthene	**2200 J**	**160**	**ug/kg**	**31**
Benzo(ghi)perylene	**1300**	**160**	**ug/kg**	**27**
Benzo(k)fluoranthene	ND	160	ug/kg	25
Benzaldehyde	ND 7900 J	790	ug/kg	84
1,1'-Biphenyl	**2400**	**790**	**ug/kg**	**44**
bis(2-Chloroethoxy) methane	ND	790	ug/kg	37
bis(2-Chloroethyl)-ether	ND	160	ug/kg	18
bis(2-Ethylhexyl) phthalate	ND	790	ug/kg	61
4-Bromophenyl phenyl ether	ND	790	ug/kg	36
Butyl benzyl phthalate	ND	790	ug/kg	64
Caprolactam	ND	4100	ug/kg	150
Carbazole	**96 J**	**160**	**ug/kg**	**33**
4-Chloroaniline	ND	790	ug/kg	68
4-Chloro-3-methylphenol	ND	790	ug/kg	48
2-Chloronaphthalene	ND	160	ug/kg	46
2-Chlorophenol	ND	790	ug/kg	40
4-Chlorophenyl phenyl ether	ND	790	ug/kg	39
Chrysene	**3100**	**160**	**ug/kg**	**31**
Dibenz(a,h)anthracene	**420**	**160**	**ug/kg**	**50**
Dibenzofuran	**560 J**	**790**	**ug/kg**	**44**
3,3'-Dichlorobenzidine	ND	790	ug/kg	180
2,4-Dichlorophenol	ND	160	ug/kg	24
Diethyl phthalate	ND	790	ug/kg	71
2,4-Dimethylphenol	ND	790	ug/kg	34
Dimethyl phthalate	ND	790	ug/kg	45

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ENSR International

Client Sample ID: SB39(32.5-35)

GC/MS Semivolatiles

Lot-Sample #...: C8J220183-005 Work Order #...: K1CMD1AL Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-butyl phthalate	ND	790	ug/kg	130
4,6-Dinitro-2-methylphenol	ND	4100	ug/kg	560
2,4-Dinitrophenol	ND	4100	ug/kg	940
2,4-Dinitrotoluene	ND	790	ug/kg	41
2,6-Dinitrotoluene	ND	790	ug/kg	51
Di-n-octyl phthalate	ND	790	ug/kg	55
Fluoranthene	**6500**	**160**	**ug/kg**	**51**
Fluorene	**5600**	**160**	**ug/kg**	**38**
Hexachlorobenzene	ND	160	ug/kg	48
Hexachlorobutadiene	ND	160	ug/kg	49
Hexachlorocyclopentadiene	ND 790UJ	790	ug/kg	36
Hexachloroethane	ND	790	ug/kg	35
Indeno(1,2,3-cd)pyrene	**940**	**160**	**ug/kg**	**28**
Isophorone	ND	790	ug/kg	44
2-Methylnaphthalene	**28000**	**160**	**ug/kg**	**44**
2-Methylphenol	ND	790	ug/kg	50
4-Methylphenol	ND	790	ug/kg	50
Naphthalene	59000 ~~43000 E~~	**160**	**ug/kg**	**38**
2-Nitroaniline	ND	4100	ug/kg	48
3-Nitroaniline	ND	4100	ug/kg	68
4-Nitroaniline	ND	4100	ug/kg	33
Nitrobenzene	ND	160	ug/kg	20
2-Nitrophenol	ND	790	ug/kg	63
4-Nitrophenol	ND	4100	ug/kg	62
N-Nitrosodi-n-propylamine	ND	160	ug/kg	19
N-Nitrosodiphenylamine	ND	160	ug/kg	43
2,2'-oxybis(1-Chloropropane)	ND	160	ug/kg	48
Pentachlorophenol	ND	790	ug/kg	59
Phenanthrene	**20000**	**160**	**ug/kg**	**38**
Phenol	ND	160	ug/kg	48
Pyrene	**9500**	**160**	**ug/kg**	**48**
2,4,5-Trichlorophenol	ND	790	ug/kg	65
2,4,6-Trichlorophenol	ND	790	ug/kg	64

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ENSR International

Client Sample ID: SB39(32.5-35)

GC/MS Semivolatiles

Lot-Sample #...: C8J220183-005 Work Order #...: K1CMD1AL Matrix.....: SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	65	(50 - 124)
2-Fluorobiphenyl	62	(49 - 105)
2-Fluorophenol	57	(39 - 103)
Nitrobenzene-d5	56	(25 - 104)
Phenol-d5	62	(25 - 105)
Terphenyl-d14	75	(25 - 127)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

E Estimated result. Result concentration exceeds the calibration range.

ENSR International

Client Sample ID: SB39(32.5-35)

GC/MS Semivolatiles

Lot-Sample #...: C8J220183-005	**Work Order #...:** K1CMD2AL	**Matrix.....:** SO
Date Sampled...: 10/20/08 13:50	**Date Received..:** 10/21/08 10:00	**MS Run #.....:** 8298003
Prep Date.....: 10/24/08	**Analysis Date..:** 10/28/08	
Prep Batch #...: 8298011	**Analysis Time..:** 02:47	
Dilution Factor: 10	**Initial Wgt/Vol:** 15 g	**Final Wgt/Vol..:** 5 mL
% Moisture.....: 16	**Analyst ID.....:** 003200	**Instrument ID..:** 733
	Method.....: SW846 8270C	

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	**8800**	**800**	**ug/kg**	**210**
Acenaphthylene	**2100**	**800**	**ug/kg**	**230**
Acetophenone	ND	3900	ug/kg	240
Anthracene	**5400**	**800**	**ug/kg**	**230**
Atrazine	ND	3900	ug/kg	270
Benzo(a)anthracene	**3500**	**800**	**ug/kg**	**160**
Benzo(a)pyrene	**2600**	**800**	**ug/kg**	**120**
Benzo(b)fluoranthene	**2100**	**800**	**ug/kg**	**150**
Benzo(ghi)perylene	**890**	**800**	**ug/kg**	**130**
Benzo(k)fluoranthene	ND	800	ug/kg	130
Benzaldehyde	ND	3900	ug/kg	420
1,1'-Biphenyl	**2300 J**	**3900**	**ug/kg**	**220**
bis(2-Chloroethoxy) methane	ND	3900	ug/kg	180
bis(2-Chloroethyl)-ether	ND	800	ug/kg	89
bis(2-Ethylhexyl) phthalate	ND	3900	ug/kg	300
4-Bromophenyl phenyl ether	ND	3900	ug/kg	180
Butyl benzyl phthalate	ND	3900	ug/kg	320
Caprolactam	ND	20000	ug/kg	750
Carbazole	ND	800	ug/kg	160
4-Chloroaniline	ND	3900	ug/kg	340
4-Chloro-3-methylphenol	ND	3900	ug/kg	240
2-Chloronaphthalene	ND	800	ug/kg	230
2-Chlorophenol	ND	3900	ug/kg	200
4-Chlorophenyl phenyl ether	ND	3900	ug/kg	200
Chrysene	**2900**	**800**	**ug/kg**	**160**
Dibenz(a,h)anthracene	**740 J**	**800**	**ug/kg**	**250**
Dibenzofuran	ND	3900	ug/kg	220
3,3'-Dichlorobenzidine	ND	3900	ug/kg	890
2,4-Dichlorophenol	ND	800	ug/kg	120
Diethyl phthalate	ND	3900	ug/kg	350
2,4-Dimethylphenol	ND	3900	ug/kg	170
Dimethyl phthalate	ND	3900	ug/kg	220

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ENSR International

Client Sample ID: SB39(32.5-35)

GC/MS Semivolatiles

Lot-Sample #...: C8J220183-005 Work Order #...: K1CMD2AL Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-butyl phthalate	ND	3900	ug/kg	660
4,6-Dinitro-2-methylphenol	ND	20000	ug/kg	2800
2,4-Dinitrophenol	ND	20000	ug/kg	4700
2,4-Dinitrotoluene	ND	3900	ug/kg	200
2,6-Dinitrotoluene	ND	3900	ug/kg	260
Di-n-octyl phthalate	ND	3900	ug/kg	280
Fluoranthene	**6300**	**800**	**ug/kg**	**260**
Fluorene	**5400**	**800**	**ug/kg**	**190**
Hexachlorobenzene	ND	800	ug/kg	240
Hexachlorobutadiene	ND	800	ug/kg	240
Hexachlorocyclopentadiene	ND	3900	ug/kg	180
Hexachloroethane	ND	3900	ug/kg	180
Indeno(1,2,3-cd)pyrene	**1300**	**800**	**ug/kg**	**140**
Isophorone	ND	3900	ug/kg	220
2-Methylnaphthalene	**26000**	**800**	**ug/kg**	**220**
2-Methylphenol	ND	3900	ug/kg	250
4-Methylphenol	ND	3900	ug/kg	250
Naphthalene	**58000**	**800**	**ug/kg**	**190**
2-Nitroaniline	ND	20000	ug/kg	240
3-Nitroaniline	ND	20000	ug/kg	340
4-Nitroaniline	ND	20000	ug/kg	170
Nitrobenzene	ND	800	ug/kg	99
2-Nitrophenol	ND	3900	ug/kg	320
4-Nitrophenol	ND	20000	ug/kg	310
N-Nitrosodi-n-propylamine	ND	800	ug/kg	97
N-Nitrosodiphenylamine	ND	800	ug/kg	210
2,2'-oxybis(1-Chloropropane)	ND	800	ug/kg	240
Pentachlorophenol	ND	3900	ug/kg	300
Phenanthrene	**18000**	**800**	**ug/kg**	**190**
Phenol	ND	800	ug/kg	240
Pyrene	**8500**	**800**	**ug/kg**	**240**
2,4,5-Trichlorophenol	ND	3900	ug/kg	330
2,4,6-Trichlorophenol	ND	3900	ug/kg	320

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ENSR International

Client Sample ID: SB39(32.5-35)

GC/MS Semivolatiles

Lot-Sample #...: C8J220183-005 Work Order #...: K1CMD2AL Matrix.....: SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	33 *	(50 - 124)
2-Fluorobiphenyl	57	(49 - 105)
2-Fluorophenol	51	(39 - 103)
Nitrobenzene-d5	52	(25 - 104)
Phenol-d5	56	(25 - 105)
Terphenyl-d14	68	(25 - 127)

NOTE(S):

* Surrogate recovery is outside stated control limits.

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

ENSR International

Client Sample ID: SB39(47.5-50)

GC/MS Semivolatiles

Lot-Sample #...:	C8J220183-006	**Work Order #...:**	K1CMG1AL	**Matrix.....:**	SO
Date Sampled...:	10/20/08 16:40	**Date Received..:**	10/21/08 10:00	**MS Run #.....:**	8298003
Prep Date.....:	10/24/08	**Analysis Date..:**	10/27/08		
Prep Batch #...:	8298011	**Analysis Time..:**	06:20		
Dilution Factor:	1	**Initial Wgt/Vol:**	15 g	**Final Wgt/Vol..:**	5 mL
% Moisture.....:	18	**Analyst ID.....:**	003200	**Instrument ID..:**	733
		Method.....:	SW846 8270C		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	82	ug/kg	21
Acenaphthylene	**58 J**	**82**	**ug/kg**	**24**
Acetophenone	ND	400	ug/kg	25
Anthracene	ND	82	ug/kg	23
Atrazine	ND	400	ug/kg	28
Benzo(a)anthracene	ND	82	ug/kg	16
Benzo(a)pyrene	ND	82	ug/kg	12
Benzo(b)fluoranthene	ND 84 UJ	82	ug/kg	16
Benzo(ghi)perylene	ND	82	ug/kg	14
Benzo(k)fluoranthene	ND	82	ug/kg	13
Benzaldehyde	ND 400 UJ	400	ug/kg	43
1,1'-Biphenyl	**45 J**	**400**	**ug/kg**	**22**
bis(2-Chloroethoxy) methane	ND	400	ug/kg	19
bis(2-Chloroethyl)-ether	ND	82	ug/kg	9.1
bis(2-Ethylhexyl) phthalate	**1200**	**400**	**ug/kg**	**31**
4-Bromophenyl phenyl ether	ND	400	ug/kg	18
Butyl benzyl phthalate	ND	400	ug/kg	32
Caprolactam	ND	2100	ug/kg	77
Carbazole	ND	82	ug/kg	17
4-Chloroaniline	ND	400	ug/kg	35
4-Chloro-3-methylphenol	ND	400	ug/kg	25
2-Chloronaphthalene	ND	82	ug/kg	23
2-Chlorophenol	ND	400	ug/kg	20
4-Chlorophenyl phenyl ether	ND	400	ug/kg	20
Chrysene	ND	82	ug/kg	16
Dibenz(a,h)anthracene	ND	82	ug/kg	26
Dibenzofuran	ND	400	ug/kg	22
3,3'-Dichlorobenzidine	ND	400	ug/kg	91
2,4-Dichlorophenol	ND	82	ug/kg	12
Diethyl phthalate	ND	400	ug/kg	36
2,4-Dimethylphenol	ND	400	ug/kg	17
Dimethyl phthalate	ND	400	ug/kg	23

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ENSR International

Client Sample ID: SB39(47.5-50)

GC/MS Semivolatiles

Lot-Sample #...: C8J220183-006 Work Order #...: K1CMG1AL Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-butyl phthalate	ND	400	ug/kg	67
4,6-Dinitro-2-methylphenol	ND	2100	ug/kg	290
2,4-Dinitrophenol	ND	2100	ug/kg	480
2,4-Dinitrotoluene	ND	400	ug/kg	21
2,6-Dinitrotoluene	ND	400	ug/kg	26
Di-n-octyl phthalate	ND	400	ug/kg	28
Fluoranthene	ND	82	ug/kg	26
Fluorene	ND	82	ug/kg	20
Hexachlorobenzene	ND	82	ug/kg	24
Hexachlorobutadiene	ND	82	ug/kg	25
Hexachlorocyclopentadiene	ND 400 UJ	400	ug/kg	19
Hexachloroethane	ND	400	ug/kg	18
Indeno(1,2,3-cd)pyrene	ND	82	ug/kg	14
Isophorone	ND	400	ug/kg	23
2-Methylnaphthalene	**30 J**	**82**	**ug/kg**	**22**
2-Methylphenol	ND	400	ug/kg	25
4-Methylphenol	ND	400	ug/kg	25
Naphthalene	**64 J**	**82**	**ug/kg**	**20**
2-Nitroaniline	ND	2100	ug/kg	24
3-Nitroaniline	ND	2100	ug/kg	35
4-Nitroaniline	ND	2100	ug/kg	17
Nitrobenzene	ND	82	ug/kg	10
2-Nitrophenol	ND	400	ug/kg	32
4-Nitrophenol	ND	2100	ug/kg	32
N-Nitrosodi-n-propylamine	ND	82	ug/kg	9.9
N-Nitrosodiphenylamine	ND	82	ug/kg	22
2,2'-oxybis(1-Chloropropane)	ND	82	ug/kg	24
Pentachlorophenol	ND	400	ug/kg	30
Phenanthrene	**28 J**	**82**	**ug/kg**	**19**
Phenol	ND	82	ug/kg	24
Pyrene	ND	82	ug/kg	25
2,4,5-Trichlorophenol	ND	400	ug/kg	33
2,4,6-Trichlorophenol	ND	400	ug/kg	33

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ENSR International

Client Sample ID: SB39(47.5-50)

GC/MS Semivolatiles

Lot-Sample #...: C8J220183-006 Work Order #...: K1CMG1AL Matrix.....: SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	51	(50 - 124)
2-Fluorobiphenyl	51	(49 - 105)
2-Fluorophenol	48	(39 - 103)
Nitrobenzene-d5	47	(25 - 104)
Phenol-d5	52	(25 - 105)
Terphenyl-d14	61	(25 - 127)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

ENSR International

Client Sample ID: SB34(32.5-35)

GC/MS Semivolatiles

Lot-Sample #...: C8J290111-001	Work Order #...: K1TDF1AD	Matrix.....:	SO
Date Sampled...: 10/21/08 11:30	Date Received..: 10/28/08 10:00	MS Run #.....:	8309012
Prep Date.....: 11/04/08	Analysis Date..: 11/06/08		
Prep Batch #...: 8309020	Analysis Time..: 10:36		
Dilution Factor: 5	Initial Wgt/Vol: 15 g	Final Wgt/Vol..:	5 mL
% Moisture.....: 16	Analyst ID.....: 007062	Instrument ID..:	722
	Method.....: SW846 8270C		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	**19000 J**	**400**	**ug/kg**	**100**
Acenaphthylene	**4400**	**400**	**ug/kg**	**110**
Acetophenone	ND	2000	ug/kg	120
Anthracene	**12000**	**400**	**ug/kg**	**110**
Atrazine	ND	2000	ug/kg	140
Benzo(a)anthracene	**7400**	**400**	**ug/kg**	**78**
Benzo(a)pyrene	**6000**	**400**	**ug/kg**	**61**
Benzo(b)fluoranthene	**4900**	**400**	**ug/kg**	**76**
Benzo(ghi)perylene	**2100**	**400**	**ug/kg**	**67**
Benzo(k)fluoranthene	ND	400	ug/kg	63
Benzaldehyde	ND	2000	ug/kg	210
1,1'-Biphenyl	**3900**	**2000**	**ug/kg**	**110**
bis(2-Chloroethoxy) methane	ND	2000	ug/kg	92
bis(2-Chloroethyl)-ether	ND	400	ug/kg	44
bis(2-Ethylhexyl) phthalate	ND	2000	ug/kg	150
4-Bromophenyl phenyl ether	ND	2000	ug/kg	88
Butyl benzyl phthalate	ND	2000	ug/kg	160
Caprolactam	ND	10000	ug/kg	370
Carbazole	**140 J**	**400**	**ug/kg**	**81**
4-Chloroaniline	ND	2000	ug/kg	170
4-Chloro-3-methylphenol	ND	2000	ug/kg	120
2-Chloronaphthalene	ND	400	ug/kg	110
2-Chlorophenol	ND	2000	ug/kg	99
4-Chlorophenyl phenyl ether	ND	2000	ug/kg	97
Chrysene	**6800**	**400**	**ug/kg**	**78**
Dibenz(a,h)anthracene	**600**	**400**	**ug/kg**	**120**
Dibenzofuran	**1100 J**	**2000**	**ug/kg**	**110**
3,3'-Dichlorobenzidine	ND	2000	ug/kg	440
2,4-Dichlorophenol	ND	400	ug/kg	59
Diethyl phthalate	ND	2000	ug/kg	180
2,4-Dimethylphenol	ND	2000	ug/kg	84
Dimethyl phthalate	ND	2000	ug/kg	110

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ENSR International

Client Sample ID: SB34(32.5-35)

GC/MS Semivolatiles

Lot-Sample #...: C8J290111-001 Work Order #...: K1TDF1AD Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-butyl phthalate	ND	2000	ug/kg	330
4,6-Dinitro-2-methylphenol	ND 10000 UJ	10000	ug/kg	1400
2,4-Dinitrophenol	ND 10000 UJ	10000	ug/kg	2300
2,4-Dinitrotoluene	ND	2000	ug/kg	100
2,6-Dinitrotoluene	ND	2000	ug/kg	130
Di-n-octyl phthalate	ND	2000	ug/kg	140
Fluoranthene	**12000**	**400**	**ug/kg**	**130**
Fluorene	**12000**	**400**	**ug/kg**	**95**
Hexachlorobenzene	ND	400	ug/kg	120
Hexachlorobutadiene	ND	400	ug/kg	120
Hexachlorocyclopentadiene	ND 2000 UJ	2000	ug/kg	90
Hexachloroethane	ND	2000	ug/kg	88
Indeno(1,2,3-cd)pyrene	**1600**	**400**	**ug/kg**	**70**
Isophorone	ND	2000	ug/kg	110
2-Methylnaphthalene	**25000**	**400**	**ug/kg**	**110**
2-Methylphenol	ND	2000	ug/kg	120
4-Methylphenol	ND	2000	ug/kg	120
Naphthalene	**20000** J	**400**	**ug/kg**	**95**
2-Nitroaniline	ND	10000	ug/kg	120
3-Nitroaniline	ND	10000	ug/kg	170
4-Nitroaniline	ND	10000	ug/kg	83
Nitrobenzene	ND	400	ug/kg	49
2-Nitrophenol	ND	2000	ug/kg	160
4-Nitrophenol	ND	10000	ug/kg	150
N-Nitrosodi-n-propylamine	ND	400	ug/kg	48
N-Nitrosodiphenylamine	ND	400	ug/kg	110
2,2'-oxybis(1-Chloropropane)	ND	400	ug/kg	120
Pentachlorophenol	ND	2000	ug/kg	150
Phenanthrene	**37000**	**400**	**ug/kg**	**94**
Phenol	ND	400	ug/kg	120
Pyrene	**16000** J	**400**	**ug/kg**	**120**
2,4,5-Trichlorophenol	ND	2000	ug/kg	160
2,4,6-Trichlorophenol	ND	2000	ug/kg	160

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ENSR International

Client Sample ID: SB34(32.5-35)

GC/MS Semivolatiles

Lot-Sample #...: C8J290111-001 Work Order #...: K1TDF1AD Matrix.....: SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	77	(50 - 124)
2-Fluorobiphenyl	86	(49 - 105)
2-Fluorophenol	79	(39 - 103)
Nitrobenzene-d5	73	(25 - 104)
Phenol-d5	85	(25 - 105)
Terphenyl-d14	83	(25 - 127)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

ENSR International

Client Sample ID: SB34(42.5-45)

GC/MS Semivolatiles

Lot-Sample #...: C8J290111-002	Work Order #...: K1TDG1AL	Matrix.....: SO
Date Sampled...: 10/21/08 13:30	Date Received..: 10/28/08 10:00	MS Run #.....: 8309012
Prep Date.....: 11/04/08	Analysis Date..: 11/06/08	
Prep Batch #...: 8309020	Analysis Time..: 11:42	
Dilution Factor: 0.99	Initial Wgt/Vol: 15.2 g	Final Wgt/Vol..: 5 mL
% Moisture.....: 15	Analyst ID.....: 007062	Instrument ID..: 722
	Method.....: SW846 8270C	

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	**27 J**	**78**	**ug/kg**	**20**
Acenaphthylene	**91**	**78**	**ug/kg**	**22**
Acetophenone	ND	380	ug/kg	23
Anthracene	**23 J**	**78**	**ug/kg**	**22**
Atrazine	ND 380UJ	380	ug/kg	27
Benzo(a)anthracene	ND	78	ug/kg	15
Benzo(a)pyrene	ND	78	ug/kg	12
Benzo(b)fluoranthene	ND	78	ug/kg	15
Benzo(ghi)perylene	ND	78	ug/kg	13
Benzo(k)fluoranthene	ND	78	ug/kg	12
Benzaldehyde	ND 380UJ	380	ug/kg	41
1,1'-Biphenyl	**55 J**	**380**	**ug/kg**	**21**
bis(2-Chloroethoxy) methane	ND	380	ug/kg	18
bis(2-Chloroethyl)-ether	ND	78	ug/kg	8.7
bis(2-Ethylhexyl) phthalate	ND	380	ug/kg	30
4-Bromophenyl phenyl ether	ND	380	ug/kg	17
Butyl benzyl phthalate	ND	380	ug/kg	31
Caprolactam	ND	2000	ug/kg	73
Carbazole	ND	78	ug/kg	16
4-Chloroaniline	ND	380	ug/kg	33
4-Chloro-3-methylphenol	ND	380	ug/kg	23
2-Chloronaphthalene	ND	78	ug/kg	22
2-Chlorophenol	ND	380	ug/kg	19
4-Chlorophenyl phenyl ether	ND	380	ug/kg	19
Chrysene	ND	78	ug/kg	15
Dibenz(a,h)anthracene	ND	78	ug/kg	24
Dibenzofuran	ND	380	ug/kg	21
3,3'-Dichlorobenzidine	ND 380UJ	380	ug/kg	87
2,4-Dichlorophenol	ND	78	ug/kg	11
Diethyl phthalate	ND	380	ug/kg	34
2,4-Dimethylphenol	ND	380	ug/kg	17
Dimethyl phthalate	ND	380	ug/kg	22

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ENSR International

Client Sample ID: SB34(42.5-45)

GC/MS Semivolatiles

Lot-Sample #...: C8J290111-002 Work Order #...: K1TDG1AL Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-butyl phthalate	ND	380	ug/kg	64
4,6-Dinitro-2-methylphenol	ND 2000 U J	2000	ug/kg	270
2,4-Dinitrophenol	ND 2000 U J	2000	ug/kg	460
2,4-Dinitrotoluene	ND	380	ug/kg	20
2,6-Dinitrotoluene	ND	380	ug/kg	25
Di-n-octyl phthalate	ND	380	ug/kg	27
Fluoranthene	ND	78	ug/kg	25
Fluorene	ND	78	ug/kg	19
Hexachlorobenzene	ND	78	ug/kg	23
Hexachlorobutadiene	ND	78	ug/kg	24
Hexachlorocyclopentadiene	ND 380 U J	380	ug/kg	18
Hexachloroethane	ND	380	ug/kg	17
Indeno(1,2,3-cd)pyrene	ND	78	ug/kg	14
Isophorone	ND	380	ug/kg	21
2-Methylnaphthalene	**40 J**	**78**	**ug/kg**	**21**
2-Methylphenol	ND	380	ug/kg	24
4-Methylphenol	ND	380	ug/kg	24
Naphthalene	**250**	**78**	**ug/kg**	**19**
2-Nitroaniline	ND	2000	ug/kg	23
3-Nitroaniline	ND	2000	ug/kg	33
4-Nitroaniline	ND	2000	ug/kg	16
Nitrobenzene	ND	78	ug/kg	9.6
2-Nitrophenol	ND	380	ug/kg	31
4-Nitrophenol	ND	2000	ug/kg	30
N-Nitrosodi-n-propylamine	ND	78	ug/kg	9.4
N-Nitrosodiphenylamine	ND	78	ug/kg	21
2,2'-oxybis(1-Chloropropane)	ND	78	ug/kg	23
Pentachlorophenol	ND	380	ug/kg	29
Phenanthrene	**140**	**78**	**ug/kg**	**18**
Phenol	**99**	**78**	**ug/kg**	**23**
Pyrene	ND	78	ug/kg	24
2,4,5-Trichlorophenol	ND	380	ug/kg	32
2,4,6-Trichlorophenol	ND	380	ug/kg	31

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ENSR International

Client Sample ID: SB34(42.5-45)

GC/MS Semivolatiles

Lot-Sample #...: C8J290111-002 Work Order #...: K1TDG1AL Matrix.....: SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	74	(50 - 124)
2-Fluorobiphenyl	76	(49 - 105)
2-Fluorophenol	84	(39 - 103)
Nitrobenzene-d5	76	(25 - 104)
Phenol-d5	83	(25 - 105)
Terphenyl-d14	79	(25 - 127)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

ENSR International

Client Sample ID: SB33(22.5-25)

GC/MS Semivolatiles

Lot-Sample #...:	C8J290111-003	Work Order #...:	K1TDH1AL	Matrix.....:	SO
Date Sampled...:	10/22/08 10:40	Date Received..:	10/28/08 10:00	MS Run #.....:	8309012
Prep Date.....:	11/04/08	Analysis Date..:	11/06/08		
Prep Batch #...:	8309020	Analysis Time..:	12:04		
Dilution Factor:	4.95	Initial Wgt/Vol:	15.2 g	Final Wgt/Vol..:	5 mL
% Moisture.....:	15	Analyst ID.....:	007062	Instrument ID..:	722
		Method.....:	SW846 8270C		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	**15000**	**390**	**ug/kg**	**100**
Acenaphthylene	**2400**	**390**	**ug/kg**	**110**
Acetophenone	ND	1900	ug/kg	120
Anthracene	**11000**	**390**	**ug/kg**	**110**
Atrazine	ND	1900	ug/kg	130
Benzo(a)anthracene	**6900**	**390**	**ug/kg**	**77**
Benzo(a)pyrene	**4900**	**390**	**ug/kg**	**60**
Benzo(b)fluoranthene	**3800**	**390**	**ug/kg**	**75**
Benzo(ghi)perylene	**1900**	**390**	**ug/kg**	**66**
Benzo(k)fluoranthene	ND	390	ug/kg	62
Benzaldehyde	ND	1900	ug/kg	210
1,1'-Biphenyl	**2700**	**1900**	**ug/kg**	**110**
bis(2-Chloroethoxy) methane	ND	1900	ug/kg	91
bis(2-Chloroethyl)-ether	ND	390	ug/kg	44
bis(2-Ethylhexyl) phthalate	ND	1900	ug/kg	150
4-Bromophenyl phenyl ether	ND	1900	ug/kg	87
Butyl benzyl phthalate	ND	1900	ug/kg	160
Caprolactam	ND	10000	ug/kg	370
Carbazole	ND	390	ug/kg	80
4-Chloroaniline	ND	1900	ug/kg	170
4-Chloro-3-methylphenol	ND	1900	ug/kg	120
2-Chloronaphthalene	ND	390	ug/kg	110
2-Chlorophenol	ND	1900	ug/kg	98
4-Chlorophenyl phenyl ether	ND	1900	ug/kg	96
Chrysene	**5800**	**390**	**ug/kg**	**77**
Dibenz(a,h)anthracene	**410**	**390**	**ug/kg**	**120**
Dibenzofuran	**920 J**	**1900**	**ug/kg**	**110**
3,3'-Dichlorobenzidine	ND	1900	ug/kg	440
2,4-Dichlorophenol	ND	390	ug/kg	58
Diethyl phthalate	ND	1900	ug/kg	170
2,4-Dimethylphenol	ND	1900	ug/kg	83
Dimethyl phthalate	ND	1900	ug/kg	110

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ENSR International

Client Sample ID: SB33(22.5-25)

GC/MS Semivolatiles

Lot-Sample #...: C8J290111-003 Work Order #...: K1TDH1AL Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-butyl phthalate	ND	1900	ug/kg	320
4,6-Dinitro-2-methylphenol	ND	10000	ug/kg	1400
2,4-Dinitrophenol	ND	10000	ug/kg	2300
2,4-Dinitrotoluene	ND	1900	ug/kg	100
2,6-Dinitrotoluene	ND	1900	ug/kg	130
Di-n-octyl phthalate	ND	1900	ug/kg	140
Fluoranthene	**11000**	**390**	**ug/kg**	**130**
Fluorene	**8700**	**390**	**ug/kg**	**94**
Hexachlorobenzene	ND	390	ug/kg	120
Hexachlorobutadiene	ND	390	ug/kg	120
Hexachlorocyclopentadiene	ND	1900	ug/kg	89
Hexachloroethane	ND	1900	ug/kg	87
Indeno(1,2,3-cd)pyrene	**1400**	**390**	**ug/kg**	**69**
Isophorone	ND	1900	ug/kg	110
2-Methylnaphthalene	**10000**	**390**	**ug/kg**	**110**
2-Methylphenol	ND	1900	ug/kg	120
4-Methylphenol	ND	1900	ug/kg	120
Naphthalene	**2400**	**390**	**ug/kg**	**94**
2-Nitroaniline	ND	10000	ug/kg	120
3-Nitroaniline	ND	10000	ug/kg	170
4-Nitroaniline	ND	10000	ug/kg	82
Nitrobenzene	ND	390	ug/kg	48
2-Nitrophenol	ND	1900	ug/kg	150
4-Nitrophenol	ND	10000	ug/kg	150
N-Nitrosodi-n-propylamine	ND	390	ug/kg	48
N-Nitrosodiphenylamine	ND	390	ug/kg	110
2,2'-oxybis(1-Chloropropane)	ND	390	ug/kg	120
Pentachlorophenol	ND	1900	ug/kg	140
Phenanthrene	**31000**	**390**	**ug/kg**	**93**
Phenol	**140 J**	**390**	**ug/kg**	**120**
Pyrene	**15000**	**390**	**ug/kg**	**120**
2,4,5-Trichlorophenol	ND	1900	ug/kg	160
2,4,6-Trichlorophenol	ND	1900	ug/kg	160

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ENSR International

Client Sample ID: SB33(22.5-25)

GC/MS Semivolatiles

Lot-Sample #...: C8J290111-003 Work Order #...: K1TDH1AL Matrix.....: SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	78	(50 - 124)
2-Fluorobiphenyl	86	(49 - 105)
2-Fluorophenol	86	(39 - 103)
Nitrobenzene-d5	81	(25 - 104)
Phenol-d5	90	(25 - 105)
Terphenyl-d14	76	(25 - 127)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

ENSR International

Client Sample ID: SB33(35-37.5)

GC/MS Semivolatiles

Lot-Sample #...:	C8J290111-004	Work Order #...:	K1TDJ1AL	Matrix.....:	SO
Date Sampled...:	10/22/08 11:00	Date Received..:	10/28/08 10:00	MS Run #.....:	8309012
Prep Date.....:	11/04/08	Analysis Date..:	11/06/08		
Prep Batch #...:	8309020	Analysis Time..:	12:26		
Dilution Factor:	0.99	Initial Wgt/Vol:	15.1 g	Final Wgt/Vol..:	5 mL
% Moisture.....:	14	Analyst ID.....:	007062	Instrument ID..:	722
		Method.....:	SW846 8270C		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	78	ug/kg	20
Acenaphthylene	**55 J**	**78**	**ug/kg**	**22**
Acetophenone	ND	380	ug/kg	23
Anthracene	**45 J**	**78**	**ug/kg**	**22**
Atrazine	ND 380 UJ	380	ug/kg	26
Benzo(a)anthracene	**43 J**	**78**	**ug/kg**	**15**
Benzo(a)pyrene	**28 J**	**78**	**ug/kg**	**12**
Benzo(b)fluoranthene	**48 J**	**78**	**ug/kg**	**15**
Benzo(ghi)perylene	**24 J**	**78**	**ug/kg**	**13**
Benzo(k)fluoranthene	ND	78	ug/kg	12
Benzaldehyde	ND 380 UJ	380	ug/kg	41
1,1'-Biphenyl	ND	380	ug/kg	21
bis(2-Chloroethoxy) methane	ND	380	ug/kg	18
bis(2-Chloroethyl)- ether	ND	78	ug/kg	8.6
bis(2-Ethylhexyl) phthalate	ND	380	ug/kg	29
4-Bromophenyl phenyl ether	ND	380	ug/kg	17
Butyl benzyl phthalate	ND	380	ug/kg	31
Caprolactam	ND	2000	ug/kg	73
Carbazole	ND	78	ug/kg	16
4-Chloroaniline	ND	380	ug/kg	33
4-Chloro-3-methylphenol	ND	380	ug/kg	23
2-Chloronaphthalene	ND	78	ug/kg	22
2-Chlorophenol	ND	380	ug/kg	19
4-Chlorophenyl phenyl ether	ND	380	ug/kg	19
Chrysene	**41 J**	**78**	**ug/kg**	**15**
Dibenz(a,h)anthracene	ND	78	ug/kg	24
Dibenzofuran	ND	380	ug/kg	21
3,3'-Dichlorobenzidine	ND 380 UJ	380	ug/kg	86
2,4-Dichlorophenol	ND	78	ug/kg	11
Diethyl phthalate	ND	380	ug/kg	34
2,4-Dimethylphenol	ND	380	ug/kg	16
Dimethyl phthalate	ND	380	ug/kg	22

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ENSR International

Client Sample ID: SB33(35-37.5)

GC/MS Semivolatiles

Lot-Sample #...: C8J290111-004 Work Order #...: K1TDJ1AL Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-butyl phthalate	ND	380	ug/kg	64
4,6-Dinitro-2-methylphenol	ND 2000 UJ	2000	ug/kg	270
2,4-Dinitrophenol	ND 2000 UJ	2000	ug/kg	450
2,4-Dinitrotoluene	ND	380	ug/kg	20
2,6-Dinitrotoluene	ND	380	ug/kg	25
Di-n-octyl phthalate	ND	380	ug/kg	27
Fluoranthene	**88**	**78**	**ug/kg**	**25**
Fluorene	ND	78	ug/kg	19
Hexachlorobenzene	ND	78	ug/kg	23
Hexachlorobutadiene	ND	78	ug/kg	23
Hexachlorocyclopentadiene	ND 380 UJ	380	ug/kg	18
Hexachloroethane	ND	380	ug/kg	17
Indeno(1,2,3-cd)pyrene	**20 J**	**78**	**ug/kg**	**14**
Isophorone	ND	380	ug/kg	21
2-Methylnaphthalene	ND	78	ug/kg	21
2-Methylphenol	ND	380	ug/kg	24
4-Methylphenol	ND	380	ug/kg	24
Naphthalene	**52 J**	**78**	**ug/kg**	**19**
2-Nitroaniline	ND	2000	ug/kg	23
3-Nitroaniline	ND	2000	ug/kg	33
4-Nitroaniline	ND	2000	ug/kg	16
Nitrobenzene	ND	78	ug/kg	9.5
2-Nitrophenol	ND	380	ug/kg	31
4-Nitrophenol	ND	2000	ug/kg	30
N-Nitrosodi-n-propylamine	ND	78	ug/kg	9.4
N-Nitrosodiphenylamine	ND	78	ug/kg	21
2,2'-oxybis(1-Chloropropane)	ND	78	ug/kg	23
Pentachlorophenol	ND	380	ug/kg	29
Phenanthrene	**160**	**78**	**ug/kg**	**18**
Phenol	**140**	**78**	**ug/kg**	**23**
Pyrene	**57 J**	**78**	**ug/kg**	**23**
2,4,5-Trichlorophenol	ND	380	ug/kg	32
2,4,6-Trichlorophenol	ND	380	ug/kg	31

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ENSR International

Client Sample ID: SB33(35-37.5)

GC/MS Semivolatiles

Lot-Sample #...: C8J290111-004 Work Order #...: K1TDJ1AL Matrix.....: SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	70	(50 - 124)
2-Fluorobiphenyl	80	(49 - 105)
2-Fluorophenol	86	(39 - 103)
Nitrobenzene-d5	78	(25 - 104)
Phenol-d5	83	(25 - 105)
Terphenyl-d14	80	(25 - 127)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

ENSR International

Client Sample ID: SB28(33.5-35)

GC/MS Semivolatiles

Lot-Sample #...:	C8J290111-005	Work Order #...:	K1TDK1AL	Matrix.....:	SO
Date Sampled...:	10/23/08 13:30	Date Received..:	10/28/08 10:00	MS Run #.....:	8309012
Prep Date.....:	11/04/08	Analysis Date..:	11/06/08		
Prep Batch #...:	8309020	Analysis Time..:	12:48		
Dilution Factor:	1	Initial Wgt/Vol:	15 g	Final Wgt/Vol..:	5 mL
% Moisture.....:	17	Analyst ID.....:	007062	Instrument ID..:	722
		Method.....:	SW846 8270C		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	81	ug/kg	21
Acenaphthylene	**26 J**	**81**	**ug/kg**	**23**
Acetophenone	ND	400	ug/kg	24
Anthracene	ND	81	ug/kg	23
Atrazine	ND 400 UJ	400	ug/kg	28
Benzo(a)anthracene	**19 J**	**81**	**ug/kg**	**16**
Benzo(a)pyrene	**13 J**	**81**	**ug/kg**	**12**
Benzo(b)fluoranthene	**24 J**	**81**	**ug/kg**	**15**
Benzo(ghi)perylene	ND	81	ug/kg	14
Benzo(k)fluoranthene	ND	81	ug/kg	13
Benzaldehyde	ND 400 UJ	400	ug/kg	42
1,1'-Biphenyl	ND	400	ug/kg	22
bis(2-Chloroethoxy) methane	ND	400	ug/kg	19
bis(2-Chloroethyl)- ether	ND	81	ug/kg	9.0
bis(2-Ethylhexyl) phthalate	ND	400	ug/kg	31
4-Bromophenyl phenyl ether	ND	400	ug/kg	18
Butyl benzyl phthalate	ND	400	ug/kg	32
Caprolactam	ND	2000	ug/kg	76
Carbazole	ND	81	ug/kg	16
4-Chloroaniline	ND	400	ug/kg	34
4-Chloro-3-methylphenol	ND	400	ug/kg	24
2-Chloronaphthalene	ND	81	ug/kg	23
2-Chlorophenol	ND	400	ug/kg	20
4-Chlorophenyl phenyl ether	ND	400	ug/kg	20
Chrysene	**16 J**	**81**	**ug/kg**	**16**
Dibenz(a,h)anthracene	ND	81	ug/kg	25
Dibenzofuran	ND	400	ug/kg	22
3,3'-Dichlorobenzidine	ND 400 UJ	400	ug/kg	90
2,4-Dichlorophenol	ND	81	ug/kg	12
Diethyl phthalate	ND	400	ug/kg	36
2,4-Dimethylphenol	ND	400	ug/kg	17
Dimethyl phthalate	ND	400	ug/kg	23

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ENSR International

Client Sample ID: SB28(33.5-35)

GC/MS Semivolatiles

Lot-Sample #...: C8J290111-005 Work Order #...: K1TDK1AL Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-butyl phthalate	ND	400	ug/kg	66
4,6-Dinitro-2-methylphenol	ND 2000 UJ	2000	ug/kg	280
2,4-Dinitrophenol	ND 2000 UJ	2000	ug/kg	470
2,4-Dinitrotoluene	ND	400	ug/kg	21
2,6-Dinitrotoluene	ND	400	ug/kg	26
Di-n-octyl phthalate	ND	400	ug/kg	28
Fluoranthene	ND	81	ug/kg	26
Fluorene	ND	81	ug/kg	19
Hexachlorobenzene	ND	81	ug/kg	24
Hexachlorobutadiene	ND	81	ug/kg	24
Hexachlorocyclopentadiene	ND 400 UJ	400	ug/kg	18
Hexachloroethane	ND	400	ug/kg	18
Indeno(1,2,3-cd)pyrene	ND	81	ug/kg	14
Isophorone	ND	400	ug/kg	22
2-Methylnaphthalene	**54 J**	**81**	**ug/kg**	**22**
2-Methylphenol	ND	400	ug/kg	25
4-Methylphenol	ND	400	ug/kg	25
Naphthalene	**140**	**81**	**ug/kg**	**19**
2-Nitroaniline	ND	2000	ug/kg	24
3-Nitroaniline	ND	2000	ug/kg	34
4-Nitroaniline	ND	2000	ug/kg	17
Nitrobenzene	ND	81	ug/kg	9.9
2-Nitrophenol	ND	400	ug/kg	32
4-Nitrophenol	ND	2000	ug/kg	31
N-Nitrosodi-n-propylamine	ND	81	ug/kg	9.8
N-Nitrosodiphenylamine	ND	81	ug/kg	22
2,2'-oxybis(1-Chloropropane)	ND	81	ug/kg	24
Pentachlorophenol	ND	400	ug/kg	30
Phenanthrene	**51 J**	**81**	**ug/kg**	**19**
Phenol	**67 J**	**81**	**ug/kg**	**24**
Pyrene	ND	81	ug/kg	24
2,4,5-Trichlorophenol	ND	400	ug/kg	33
2,4,6-Trichlorophenol	ND	400	ug/kg	32

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ENSR International

Client Sample ID: SB28(33.5-35)

GC/MS Semivolatiles

Lot-Sample #...: C8J290111-005 Work Order #...: K1TDK1AL Matrix.....: SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	63	(50 - 124)
2-Fluorobiphenyl	68	(49 - 105)
2-Fluorophenol	73	(39 - 103)
Nitrobenzene-d5	64	(25 - 104)
Phenol-d5	71	(25 - 105)
Terphenyl-d14	66	(25 - 127)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

ENSR International

Client Sample ID: SB28(47.5-50)

GC/MS Semivolatiles

Lot-Sample #...:	C8J290111-006	Work Order #...:	K1TDL1AL	Matrix.....:	SO
Date Sampled...:	10/23/08 14:00	Date Received..:	10/28/08 10:00	MS Run #.....:	8309012
Prep Date.....:	11/04/08	Analysis Date..:	11/06/08		
Prep Batch #...:	8309020	Analysis Time..:	13:10		
Dilution Factor:	1	Initial Wgt/Vol:	15 g	Final Wgt/Vol..:	5 mL
% Moisture.....:	14	Analyst ID.....:	007062	Instrument ID..:	722
		Method.....:	SW846 8270C		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	78	ug/kg	20
Acenaphthylene	ND	78	ug/kg	22
Acetophenone	ND	380	ug/kg	23
Anthracene	ND	78	ug/kg	22
Atrazine	ND 380 UJ	380	ug/kg	26
Benzo(a)anthracene	ND	78	ug/kg	15
Benzo(a)pyrene	ND	78	ug/kg	12
Benzo(b)fluoranthene	ND	78	ug/kg	15
Benzo(ghi)perylene	ND	78	ug/kg	13
Benzo(k)fluoranthene	ND	78	ug/kg	12
Benzaldehyde	ND 380 UJ	380	ug/kg	41
1,1'-Biphenyl	ND	380	ug/kg	21
bis(2-Chloroethoxy) methane	ND	380	ug/kg	18
bis(2-Chloroethyl)-ether	ND	78	ug/kg	8.6
bis(2-Ethylhexyl) phthalate	ND	380	ug/kg	29
4-Bromophenyl phenyl ether	ND	380	ug/kg	17
Butyl benzyl phthalate	ND	380	ug/kg	31
Caprolactam	ND	2000	ug/kg	73
Carbazole	ND	78	ug/kg	16
4-Chloroaniline	ND	380	ug/kg	33
4-Chloro-3-methylphenol	ND	380	ug/kg	23
2-Chloronaphthalene	ND	78	ug/kg	22
2-Chlorophenol	ND	380	ug/kg	19
4-Chlorophenyl phenyl ether	ND	380	ug/kg	19
Chrysene	ND	78	ug/kg	15
Dibenz(a,h)anthracene	ND	78	ug/kg	24
Dibenzofuran	ND	380	ug/kg	21
3,3'-Dichlorobenzidine	ND 380 UJ	380	ug/kg	86
2,4-Dichlorophenol	ND	78	ug/kg	11
Diethyl phthalate	ND	380	ug/kg	34
2,4-Dimethylphenol	ND	380	ug/kg	17
Dimethyl phthalate	ND	380	ug/kg	22

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ENSR International

Client Sample ID: SB28(47.5-50)

GC/MS Semivolatiles

Lot-Sample #...: C8J290111-006 Work Order #...: K1TDL1AL Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-butyl phthalate	ND	380	ug/kg	64
4,6-Dinitro-2-methylphenol	ND	2000	ug/kg	270
2,4-Dinitrophenol	ND	2000	ug/kg	450
2,4-Dinitrotoluene	ND	380	ug/kg	20
2,6-Dinitrotoluene	ND	380	ug/kg	25
Di-n-octyl phthalate	ND	380	ug/kg	27
Fluoranthene	ND	78	ug/kg	25
Fluorene	ND	78	ug/kg	19
Hexachlorobenzene	ND	78	ug/kg	23
Hexachlorobutadiene	ND	78	ug/kg	23
Hexachlorocyclopentadiene	ND	380	ug/kg	18
Hexachloroethane	ND	380	ug/kg	17
Indeno(1,2,3-cd)pyrene	ND	78	ug/kg	14
Isophorone	ND	380	ug/kg	21
2-Methylnaphthalene	**57 J**	**78**	**ug/kg**	**21**
2-Methylphenol	ND	380	ug/kg	24
4-Methylphenol	ND	380	ug/kg	24
Naphthalene	**91**	**78**	**ug/kg**	**19**
2-Nitroaniline	ND	2000	ug/kg	23
3-Nitroaniline	ND	2000	ug/kg	33
4-Nitroaniline	ND	2000	ug/kg	16
Nitrobenzene	ND	78	ug/kg	9.6
2-Nitrophenol	ND	380	ug/kg	31
4-Nitrophenol	ND	2000	ug/kg	30
N-Nitrosodi-n-propylamine	ND	78	ug/kg	9.4
N-Nitrosodiphenylamine	ND	78	ug/kg	21
2,2'-oxybis(1-Chloropropane)	ND	78	ug/kg	23
Pentachlorophenol	ND	380	ug/kg	29
Phenanthrene	ND	78	ug/kg	18
Phenol	**260**	**78**	**ug/kg**	**23**
Pyrene	ND	78	ug/kg	23
2,4,5-Trichlorophenol	ND	380	ug/kg	32
2,4,6-Trichlorophenol	ND	380	ug/kg	31

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ENSR International

Client Sample ID: SB28(47.5-50)

GC/MS Semivolatiles

Lot-Sample #...: C8J290111-006 Work Order #...: K1TDL1AL Matrix.....: SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	77	(50 - 124)
2-Fluorobiphenyl	83	(49 - 105)
2-Fluorophenol	89	(39 - 103)
Nitrobenzene-d5	81	(25 - 104)
Phenol-d5	85	(25 - 105)
Terphenyl-d14	71	(25 - 127)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

ENSR International

Client Sample ID: SB30(41.5-43.5)

GC/MS Semivolatiles

Lot-Sample #...:	C8J290111-007	Work Order #...:	K1TDP1AL	Matrix.....:	SO
Date Sampled...:	10/27/08 11:30	Date Received..:	10/28/08 10:00	MS Run #.....:	8309012
Prep Date.....:	11/04/08	Analysis Date..:	11/06/08		
Prep Batch #...:	8309020	Analysis Time..:	13:32		
Dilution Factor:	20	Initial Wgt/Vol:	15 g	Final Wgt/Vol..:	5 mL
% Moisture.....:	18	Analyst ID.....:	007062	Instrument ID..:	722
		Method.....:	SW846 8270C		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	**62000**	**1600**	**ug/kg**	**420**
Acenaphthylene	**290000**	**1600**	**ug/kg**	**470**
Acetophenone	ND	8100	ug/kg	490
Anthracene	**210000**	**1600**	**ug/kg**	**460**
Atrazine	ND	8100	ug/kg	560
Benzo(a)anthracene	**120000**	**1600**	**ug/kg**	**320**
Benzo(a)pyrene	**93000**	**1600**	**ug/kg**	**250**
Benzo(b)fluoranthene	**69000**	**1600**	**ug/kg**	**310**
Benzo(ghi)perylene	**33000**	**1600**	**ug/kg**	**280**
Benzo(k)fluoranthene	ND	1600	ug/kg	260
Benzaldehyde	ND	8100	ug/kg	860
1,1'-Biphenyl	**85000**	**8100**	**ug/kg**	**450**
bis(2-Chloroethoxy) methane	ND	8100	ug/kg	380
bis(2-Chloroethyl)- ether	ND	1600	ug/kg	180
bis(2-Ethylhexyl) phthalate	ND	8100	ug/kg	620
4-Bromophenyl phenyl ether	ND	8100	ug/kg	360
Butyl benzyl phthalate	ND	8100	ug/kg	650
Caprolactam	ND	42000	ug/kg	1500
Carbazole	**2100**	**1600**	**ug/kg**	**330**
4-Chloroaniline	ND	8100	ug/kg	700
4-Chloro-3-methylphenol	ND	8100	ug/kg	490
2-Chloronaphthalene	ND	1600	ug/kg	470
2-Chlorophenol	ND	8100	ug/kg	410
4-Chlorophenyl phenyl ether	ND	8100	ug/kg	400
Chrysene	**97000**	**1600**	**ug/kg**	**320**
Dibenz(a,h)anthracene	**5200**	**1600**	**ug/kg**	**510**
Dibenzofuran	**26000**	**8100**	**ug/kg**	**450**
3,3'-Dichlorobenzidine	ND	8100	ug/kg	1800
2,4-Dichlorophenol	ND	1600	ug/kg	240
Diethyl phthalate	ND	8100	ug/kg	720
2,4-Dimethylphenol	ND	8100	ug/kg	350
Dimethyl phthalate	ND	8100	ug/kg	460

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ENSR International

Client Sample ID: SB30(41.5-43.5)

GC/MS Semivolatiles

Lot-Sample #...: C8J290111-007 Work Order #...: K1TDP1AL Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-butyl phthalate	ND	8100	ug/kg	1300
4,6-Dinitro-2-methylphenol	ND 42000 UJ	42000	ug/kg	5700
2,4-Dinitrophenol	ND 42000 UJ	42000	ug/kg	9600
2,4-Dinitrotoluene	ND	8100	ug/kg	420
2,6-Dinitrotoluene	ND	8100	ug/kg	520
Di-n-octyl phthalate	ND	8100	ug/kg	560
Fluoranthene	**210000**	**1600**	**ug/kg**	**520**
Fluorene	**240000**	**1600**	**ug/kg**	**390**
Hexachlorobenzene	ND	1600	ug/kg	490
Hexachlorobutadiene	ND	1600	ug/kg	500
Hexachlorocyclopentadiene	ND 8100 UJ	8100	ug/kg	370
Hexachloroethane	ND	8100	ug/kg	360
Indeno(1,2,3-cd)pyrene	**26000**	**1600**	**ug/kg**	**290**
Isophorone	ND	8100	ug/kg	450
2-Methylnaphthalene 450000	~~530000 E~~	**1600**	**ug/kg**	**450**
2-Methylphenol	ND	8100	ug/kg	510
4-Methylphenol	ND	8100	ug/kg	510
Naphthalene 490000	~~480000 E~~	**1600**	**ug/kg**	**390**
2-Nitroaniline	ND	42000	ug/kg	490
3-Nitroaniline	ND	42000	ug/kg	700
4-Nitroaniline	ND	42000	ug/kg	340
Nitrobenzene	ND	1600	ug/kg	200
2-Nitrophenol	ND	8100	ug/kg	650
4-Nitrophenol	ND	42000	ug/kg	630
N-Nitrosodi-n-propylamine	ND	1600	ug/kg	200
N-Nitrosodiphenylamine	ND	1600	ug/kg	440
2,2'-oxybis(1-Chloropropane)	ND	1600	ug/kg	490
Pentachlorophenol	ND	8100	ug/kg	600
Phenanthrene 400000	~~480000 E~~	**1600**	**ug/kg**	**390**
Phenol	ND	1600	ug/kg	490
Pyrene	**220000**	**1600**	**ug/kg**	**500**
2,4,5-Trichlorophenol	ND	8100	ug/kg	670
2,4,6-Trichlorophenol	ND	8100	ug/kg	650

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ENSR International

Client Sample ID: SB30(41.5-43.5)

GC/MS Semivolatiles

Lot-Sample #...: C8J290111-007 Work Order #...: K1TDP1AL Matrix.....: SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	NC,DIL	(50 - 124)
2-Fluorobiphenyl	NC,DIL	(49 - 105)
2-Fluorophenol	NC,DIL	(39 - 103)
Nitrobenzene-d5	NC,DIL	(25 - 104)
Phenol-d5	NC,DIL	(25 - 105)
Terphenyl-d14	NC,DIL	(25 - 127)

NOTE(S):

NC The recovery and/or RPD were not calculated.

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.

E Estimated result. Result concentration exceeds the calibration range.

ENSR International

Client Sample ID: SB30(41.5-43.5)

GC/MS Semivolatiles

Lot-Sample #...: C8J290111-007	Work Order #...: K1TDP2AL	Matrix.....: SO
Date Sampled...: 10/27/08 11:30	Date Received..: 10/28/08 10:00	MS Run #.....: 8309012
Prep Date.....: 11/04/08	Analysis Date..: 11/07/08	
Prep Batch #...: 8309020	Analysis Time..: 10:12	
Dilution Factor: 40	Initial Wgt/Vol: 15 g	Final Wgt/Vol..: 5 mL
% Moisture.....: 18	Analyst ID.....: 007062	Instrument ID..: 722
	Method.....: SW846 8270C	

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	**43000**	**3300**	**ug/kg**	**840**
Acenaphthylene	**240000**	**3300**	**ug/kg**	**940**
Acetophenone	ND	16000	ug/kg	980
Anthracene	**140000**	**3300**	**ug/kg**	**920**
Atrazine	ND	16000	ug/kg	1100
Benzo(a)anthracene	**76000**	**3300**	**ug/kg**	**640**
Benzo(a)pyrene	**56000**	**3300**	**ug/kg**	**500**
Benzo(b)fluoranthene	**48000**	**3300**	**ug/kg**	**620**
Benzo(ghi)perylene	**20000**	**3300**	**ug/kg**	**550**
Benzo(k)fluoranthene	ND	3300	ug/kg	520
Benzaldehyde	ND	16000	ug/kg	1700
1,1'-Biphenyl	**58000**	**16000**	**ug/kg**	**890**
bis(2-Chloroethoxy) methane	ND	16000	ug/kg	760
bis(2-Chloroethyl)-ether	ND	3300	ug/kg	360
bis(2-Ethylhexyl) phthalate	ND	16000	ug/kg	1200
4-Bromophenyl phenyl ether	ND	16000	ug/kg	730
Butyl benzyl phthalate	ND	16000	ug/kg	1300
Caprolactam	ND	83000	ug/kg	3100
Carbazole	**1200 J**	**3300**	**ug/kg**	**660**
4-Chloroaniline	ND	16000	ug/kg	1400
4-Chloro-3-methylphenol	ND	16000	ug/kg	990
2-Chloronaphthalene	ND	3300	ug/kg	940
2-Chlorophenol	ND	16000	ug/kg	820
4-Chlorophenyl phenyl ether	ND	16000	ug/kg	800
Chrysene	**66000**	**3300**	**ug/kg**	**640**
Dibenz(a,h)anthracene	**4700**	**3300**	**ug/kg**	**1000**
Dibenzofuran	**17000**	**16000**	**ug/kg**	**900**
3,3'-Dichlorobenzidine	ND	16000	ug/kg	3600
2,4-Dichlorophenol	ND	3300	ug/kg	480
Diethyl phthalate	ND	16000	ug/kg	1400
2,4-Dimethylphenol	ND	16000	ug/kg	700
Dimethyl phthalate	ND	16000	ug/kg	920

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ENSR International

Client Sample ID: SB30(41.5-43.5)

GC/MS Semivolatiles

Lot-Sample #...: C8J290111-007 Work Order #...: K1TDP2AL Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-butyl phthalate	ND	16000	ug/kg	2700
4,6-Dinitro-2-methylphenol	ND	83000	ug/kg	11000
2,4-Dinitrophenol	ND	83000	ug/kg	19000
2,4-Dinitrotoluene	ND	16000	ug/kg	840
2,6-Dinitrotoluene	ND	16000	ug/kg	1000
Di-n-octyl phthalate	ND	16000	ug/kg	1100
Fluoranthene	**140000**	**3300**	**ug/kg**	**1000**
Fluorene	**150000**	**3300**	**ug/kg**	**790**
Hexachlorobenzene	ND	3300	ug/kg	970
Hexachlorobutadiene	ND	3300	ug/kg	990
Hexachlorocyclopentadiene	ND	16000	ug/kg	740
Hexachloroethane	ND	16000	ug/kg	730
Indeno(1,2,3-cd)pyrene	**14000**	**3300**	**ug/kg**	**580**
Isophorone	ND	16000	ug/kg	900
2-Methylnaphthalene	**450000**	**3300**	**ug/kg**	**900**
2-Methylphenol	ND	16000	ug/kg	1000
4-Methylphenol	ND	16000	ug/kg	1000
Naphthalene	**490000**	**3300**	**ug/kg**	**790**
2-Nitroaniline	ND	83000	ug/kg	970
3-Nitroaniline	ND	83000	ug/kg	1400
4-Nitroaniline	ND	83000	ug/kg	680
Nitrobenzene	ND	3300	ug/kg	400
2-Nitrophenol	ND	16000	ug/kg	1300
4-Nitrophenol	ND	83000	ug/kg	1300
N-Nitrosodi-n-propylamine	ND	3300	ug/kg	400
N-Nitrosodiphenylamine	ND	3300	ug/kg	880
2,2'-oxybis(1-Chloropropane)	ND	3300	ug/kg	970
Pentachlorophenol	ND	16000	ug/kg	1200
Phenanthrene	**400000**	**3300**	**ug/kg**	**780**
Phenol	ND	3300	ug/kg	980
Pyrene	**180000**	**3300**	**ug/kg**	**990**
2,4,5-Trichlorophenol	ND	16000	ug/kg	1300
2,4,6-Trichlorophenol	ND	16000	ug/kg	1300

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ENSR International

Client Sample ID: SB30(41.5-43.5)

GC/MS Semivolatiles

Lot-Sample #...: C8J290111-007 Work Order #...: K1TDP2AL Matrix.....: SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	NC,DIL	(50 - 124)
2-Fluorobiphenyl	NC,DIL	(49 - 105)
2-Fluorophenol	NC,DIL	(39 - 103)
Nitrobenzene-d5	NC,DIL	(25 - 104)
Phenol-d5	NC,DIL	(25 - 105)
Terphenyl-d14	NC,DIL	(25 - 127)

NOTE(S):

NC The recovery and/or RPD were not calculated.

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.

ENSR International

Client Sample ID: SB300(41.5-43.5)

GC/MS Semivolatiles

Lot-Sample #...:	C8J290111-008	Work Order #...:	K1TDQ1AL	Matrix.....:	SO
Date Sampled...:	10/27/08 11:35	Date Received..:	10/28/08 10:00	MS Run #.....:	8309012
Prep Date.....:	11/04/08	Analysis Date..:	11/06/08		
Prep Batch #...:	8309020	Analysis Time..:	13:54		
Dilution Factor:	20	Initial Wgt/Vol:	15 g	Final Wgt/Vol..:	5 mL
% Moisture.....:	15	Analyst ID.....:	007062	Instrument ID..:	722
		Method.....:	SW846 8270C		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	**44000**	**1600**	**ug/kg**	**410**
Acenaphthylene	**220000**	**1600**	**ug/kg**	**450**
Acetophenone	ND	7800	ug/kg	470
Anthracene	**140000**	**1600**	**ug/kg**	**440**
Atrazine	ND 7800 UJ	7800	ug/kg	540
Benzo(a)anthracene	**89000**	**1600**	**ug/kg**	**310**
Benzo(a)pyrene	**60000**	**1600**	**ug/kg**	**240**
Benzo(b)fluoranthene	**47000**	**1600**	**ug/kg**	**300**
Benzo(ghi)perylene	**21000**	**1600**	**ug/kg**	**270**
Benzo(k)fluoranthene	ND	1600	ug/kg	250
Benzaldehyde	ND 7800 UJ	7800	ug/kg	830
1,1'-Biphenyl	**59000**	**7800**	**ug/kg**	**430**
bis(2-Chloroethoxy) methane	ND	7800	ug/kg	360
bis(2-Chloroethyl)-ether	ND	1600	ug/kg	180
bis(2-Ethylhexyl) phthalate	ND	7800	ug/kg	600
4-Bromophenyl phenyl ether	ND	7800	ug/kg	350
Butyl benzyl phthalate	ND	7800	ug/kg	630
Caprolactam	ND	40000	ug/kg	1500
Carbazole	**1200 J**	**1600**	**ug/kg**	**320**
4-Chloroaniline	ND	7800	ug/kg	670
4-Chloro-3-methylphenol	ND	7800	ug/kg	480
2-Chloronaphthalene	ND	1600	ug/kg	450
2-Chlorophenol	ND	7800	ug/kg	390
4-Chlorophenyl phenyl ether	ND	7800	ug/kg	390
Chrysene	**62000**	**1600**	**ug/kg**	**310**
Dibenz(a,h)anthracene	**6200**	**1600**	**ug/kg**	**500**
Dibenzofuran	**18000**	**7800**	**ug/kg**	**430**
3,3'-Dichlorobenzidine	ND 7800 UJ	7800	ug/kg	1800
2,4-Dichlorophenol	ND	1600	ug/kg	230
Diethyl phthalate	ND	7800	ug/kg	700
2,4-Dimethylphenol	ND	7800	ug/kg	340
Dimethyl phthalate	ND	7800	ug/kg	440

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ENSR International

Client Sample ID: SB300(41.5-43.5)

GC/MS Semivolatiles

Lot-Sample #...: C8J290111-008 Work Order #...: K1TDQ1AL Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-butyl phthalate	ND	7800	ug/kg	1300
4,6-Dinitro-2-methylphenol	ND 40000 UJ	40000	ug/kg	5500
2,4-Dinitrophenol	ND 40000 UJ	40000	ug/kg	9200
2,4-Dinitrotoluene	ND	7800	ug/kg	400
2,6-Dinitrotoluene	ND	7800	ug/kg	500
Di-n-octyl phthalate	ND	7800	ug/kg	540
Fluoranthene	**140000**	**1600**	**ug/kg**	**500**
Fluorene	**160000**	**1600**	**ug/kg**	**380**
Hexachlorobenzene	ND	1600	ug/kg	470
Hexachlorobutadiene	ND	1600	ug/kg	480
Hexachlorocyclopentadiene	ND 7800 UJ	7800	ug/kg	360
Hexachloroethane	ND	7800	ug/kg	350
Indeno(1,2,3-cd)pyrene	**16000**	**1600**	**ug/kg**	**280**
Isophorone	ND	7800	ug/kg	430
2-Methylnaphthalene 310000	~~400000 E~~	**1600**	**ug/kg**	**430**
2-Methylphenol	ND	7800	ug/kg	490
4-Methylphenol	ND	7800	ug/kg	490
Naphthalene 330000	~~380000 E~~	**1600**	**ug/kg**	**380**
2-Nitroaniline	ND	40000	ug/kg	470
3-Nitroaniline	ND	40000	ug/kg	670
4-Nitroaniline	ND	40000	ug/kg	330
Nitrobenzene	ND	1600	ug/kg	190
2-Nitrophenol	ND	7800	ug/kg	620
4-Nitrophenol	ND	40000	ug/kg	610
N-Nitrosodi-n-propylamine	ND	1600	ug/kg	190
N-Nitrosodiphenylamine	ND	1600	ug/kg	420
2,2'-oxybis(1-Chloropropane)	ND	1600	ug/kg	470
Pentachlorophenol	ND	7800	ug/kg	580
Phenanthrene 270000	~~360000 E~~	**1600**	**ug/kg**	**370**
Phenol	**600 J**	**1600**	**ug/kg**	**470**
Pyrene	**170000**	**1600**	**ug/kg**	**480**
2,4,5-Trichlorophenol	ND	7800	ug/kg	640
2,4,6-Trichlorophenol	ND	7800	ug/kg	630

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ENSR International

Client Sample ID: SB300(41.5-43.5)

GC/MS Semivolatiles

Lot-Sample #...: C8J290111-008 Work Order #...: K1TDQ1AL Matrix.....: SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	NC,DIL	(50 - 124)
2-Fluorobiphenyl	NC,DIL	(49 - 105)
2-Fluorophenol	NC,DIL	(39 - 103)
Nitrobenzene-d5	NC,DIL	(25 - 104)
Phenol-d5	NC,DIL	(25 - 105)
Terphenyl-d14	NC,DIL	(25 - 127)

NOTE(S):

NC The recovery and/or RPD were not calculated.

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.

E Estimated result. Result concentration exceeds the calibration range.

ENSR International

Client Sample ID: SB300(41.5-43.5)

GC/MS Semivolatiles

Lot-Sample #...:	C8J290111-008	Work Order #...:	K1TDQ2AL	Matrix.....:	SO
Date Sampled...:	10/27/08 11:35	Date Received..:	10/28/08 10:00	MS Run #.....:	8309012
Prep Date.....:	11/04/08	Analysis Date..:	11/07/08		
Prep Batch #...:	8309020	Analysis Time..:	10:34		
Dilution Factor:	40	Initial Wgt/Vol:	15 g	Final Wgt/Vol..:	5 mL
% Moisture.....:	15	Analyst ID.....:	007062	Instrument ID..:	722
		Method.....:	SW846 8270C		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	**31000**	**3200**	**ug/kg**	**810**
Acenaphthylene	**170000**	**3200**	**ug/kg**	**910**
Acetophenone	ND	16000	ug/kg	950
Anthracene	**95000**	**3200**	**ug/kg**	**890**
Atrazine	ND	16000	ug/kg	1100
Benzo(a)anthracene	**54000**	**3200**	**ug/kg**	**620**
Benzo(a)pyrene	**40000**	**3200**	**ug/kg**	**480**
Benzo(b)fluoranthene	**34000**	**3200**	**ug/kg**	**600**
Benzo(ghi)perylene	**15000**	**3200**	**ug/kg**	**530**
Benzo(k)fluoranthene	ND	3200	ug/kg	500
Benzaldehyde	ND	16000	ug/kg	1700
1,1'-Biphenyl	**40000**	**16000**	**ug/kg**	**860**
bis(2-Chloroethoxy) methane	ND	16000	ug/kg	730
bis(2-Chloroethyl)-ether	ND	3200	ug/kg	350
bis(2-Ethylhexyl) phthalate	ND	16000	ug/kg	1200
4-Bromophenyl phenyl ether	ND	16000	ug/kg	700
Butyl benzyl phthalate	ND	16000	ug/kg	1300
Caprolactam	ND	80000	ug/kg	3000
Carbazole	**830 J**	**3200**	**ug/kg**	**640**
4-Chloroaniline	ND	16000	ug/kg	1300
4-Chloro-3-methylphenol	ND	16000	ug/kg	950
2-Chloronaphthalene	ND	3200	ug/kg	900
2-Chlorophenol	ND	16000	ug/kg	790
4-Chlorophenyl phenyl ether	ND	16000	ug/kg	770
Chrysene	**42000**	**3200**	**ug/kg**	**620**
Dibenz(a,h)anthracene	**2700 J**	**3200**	**ug/kg**	**990**
Dibenzofuran	**13000 J**	**16000**	**ug/kg**	**860**
3,3'-Dichlorobenzidine	ND	16000	ug/kg	3500
2,4-Dichlorophenol	ND	3200	ug/kg	470
Diethyl phthalate	ND	16000	ug/kg	1400
2,4-Dimethylphenol	ND	16000	ug/kg	670
Dimethyl phthalate	ND	16000	ug/kg	880

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ENSR International

Client Sample ID: SB300(41.5-43.5)

GC/MS Semivolatiles

Lot-Sample #...: C8J290111-008 Work Order #...: K1TDQ2AL Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-butyl phthalate	ND	16000	ug/kg	2600
4,6-Dinitro-2-methylphenol	ND	80000	ug/kg	11000
2,4-Dinitrophenol	ND	80000	ug/kg	18000
2,4-Dinitrotoluene	ND	16000	ug/kg	810
2,6-Dinitrotoluene	ND	16000	ug/kg	1000
Di-n-octyl phthalate	ND	16000	ug/kg	1100
Fluoranthene	**100000**	**3200**	**ug/kg**	**1000**
Fluorene	**110000**	**3200**	**ug/kg**	**760**
Hexachlorobenzene	ND	3200	ug/kg	940
Hexachlorobutadiene	ND	3200	ug/kg	960
Hexachlorocyclopentadiene	ND	16000	ug/kg	720
Hexachloroethane	ND	16000	ug/kg	700
Indeno(1,2,3-cd)pyrene	**11000**	**3200**	**ug/kg**	**550**
Isophorone	ND	16000	ug/kg	870
2-Methylnaphthalene	**310000**	**3200**	**ug/kg**	**860**
2-Methylphenol	ND	16000	ug/kg	980
4-Methylphenol	ND	16000	ug/kg	980
Naphthalene	**330000**	**3200**	**ug/kg**	**760**
2-Nitroaniline	ND	80000	ug/kg	940
3-Nitroaniline	ND	80000	ug/kg	1300
4-Nitroaniline	ND	80000	ug/kg	660
Nitrobenzene	ND	3200	ug/kg	390
2-Nitrophenol	ND	16000	ug/kg	1200
4-Nitrophenol	ND	80000	ug/kg	1200
N-Nitrosodi-n-propylamine	ND	3200	ug/kg	380
N-Nitrosodiphenylamine	ND	3200	ug/kg	850
2,2'-oxybis(1-Chloropropane)	ND	3200	ug/kg	940
Pentachlorophenol	ND	16000	ug/kg	1200
Phenanthrene	**290000**	**3200**	**ug/kg**	**750**
Phenol	**1200 J**	**3200**	**ug/kg**	**940**
Pyrene	**130000**	**3200**	**ug/kg**	**950**
2,4,5-Trichlorophenol	ND	16000	ug/kg	1300
2,4,6-Trichlorophenol	ND	16000	ug/kg	1300

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ENSR International

Client Sample ID: SB300(41.5-43.5)

GC/MS Semivolatiles

Lot-Sample #...: C8J290111-008 Work Order #...: K1TDQ2AL Matrix.....: SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	NC,DIL	(50 - 124)
2-Fluorobiphenyl	NC,DIL	(49 - 105)
2-Fluorophenol	NC,DIL	(39 - 103)
Nitrobenzene-d5	NC,DIL	(25 - 104)
Phenol-d5	NC,DIL	(25 - 105)
Terphenyl-d14	NC,DIL	(25 - 127)

NOTE(S):

NC The recovery and/or RPD were not calculated.

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.

ENSR International

Client Sample ID: SB30(50-52.5)

GC/MS Semivolatiles

Lot-Sample #...:	C8J290111-009	Work Order #...:	K1TDV1AL	Matrix.....:	SO
Date Sampled...:	10/27/08 14:30	Date Received..:	10/28/08 10:00	MS Run #.....:	8309012
Prep Date.....:	11/04/08	Analysis Date..:	11/06/08		
Prep Batch #...:	8309020	Analysis Time..:	14:16		
Dilution Factor:	0.99	Initial Wgt/Vol:	15.2 g	Final Wgt/Vol..:	5 mL
% Moisture.....:	15	Analyst ID.....:	007062	Instrument ID..:	722
		Method.....:	SW846 8270C		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	78	ug/kg	20
Acenaphthylene	**75 J**	**78**	**ug/kg**	**22**
Acetophenone	ND	380	ug/kg	23
Anthracene	**23 J**	**78**	**ug/kg**	**22**
Atrazine	ND 380 UJ	380	ug/kg	27
Benzo(a)anthracene	ND	78	ug/kg	15
Benzo(a)pyrene	ND	78	ug/kg	12
Benzo(b)fluoranthene	ND	78	ug/kg	15
Benzo(ghi)perylene	ND	78	ug/kg	13
Benzo(k)fluoranthene	ND	78	ug/kg	12
Benzaldehyde	ND 380 UJ	380	ug/kg	41
1,1'-Biphenyl	ND	380	ug/kg	21
bis(2-Chloroethoxy) methane	ND	380	ug/kg	18
bis(2-Chloroethyl)- ether	ND	78	ug/kg	8.7
bis(2-Ethylhexyl) phthalate	ND	380	ug/kg	29
4-Bromophenyl phenyl ether	ND	380	ug/kg	17
Butyl benzyl phthalate	ND	380	ug/kg	31
Caprolactam	ND	2000	ug/kg	73
Carbazole	ND	78	ug/kg	16
4-Chloroaniline	ND	380	ug/kg	33
4-Chloro-3-methylphenol	ND	380	ug/kg	23
2-Chloronaphthalene	ND	78	ug/kg	22
2-Chlorophenol	ND	380	ug/kg	19
4-Chlorophenyl phenyl ether	ND	380	ug/kg	19
Chrysene	ND	78	ug/kg	15
Dibenz(a,h)anthracene	ND	78	ug/kg	24
Dibenzofuran	ND	380	ug/kg	21
3,3'-Dichlorobenzidine	ND 380 UJ	380	ug/kg	87
2,4-Dichlorophenol	ND	78	ug/kg	11
Diethyl phthalate	ND	380	ug/kg	34
2,4-Dimethylphenol	ND	380	ug/kg	17
Dimethyl phthalate	ND	380	ug/kg	22

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ENSR International

Client Sample ID: SB30(50-52.5)

GC/MS Semivolatiles

Lot-Sample #...: C8J290111-009 Work Order #...: K1TDV1AL Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-butyl phthalate	ND	380	ug/kg	64
4,6-Dinitro-2-methylphenol	ND 2000 UJ	2000	ug/kg	270
2,4-Dinitrophenol	ND 2000 UJ	2000	ug/kg	450
2,4-Dinitrotoluene	ND	380	ug/kg	20
2,6-Dinitrotoluene	ND	380	ug/kg	25
Di-n-octyl phthalate	ND	380	ug/kg	27
Fluoranthene	ND	78	ug/kg	25
Fluorene	ND	78	ug/kg	19
Hexachlorobenzene	ND	78	ug/kg	23
Hexachlorobutadiene	ND	78	ug/kg	24
Hexachlorocyclopentadiene	ND 380 UJ	380	ug/kg	18
Hexachloroethane	ND	380	ug/kg	17
Indeno(1,2,3-cd)pyrene	ND	78	ug/kg	14
Isophorone	ND	380	ug/kg	21
2-Methylnaphthalene	**50 J**	**78**	**ug/kg**	**21**
2-Methylphenol	ND	380	ug/kg	24
4-Methylphenol	ND	380	ug/kg	24
Naphthalene	**68 J**	**78**	**ug/kg**	**19**
2-Nitroaniline	ND	2000	ug/kg	23
3-Nitroaniline	ND	2000	ug/kg	33
4-Nitroaniline	ND	2000	ug/kg	16
Nitrobenzene	ND	78	ug/kg	9.6
2-Nitrophenol	ND	380	ug/kg	31
4-Nitrophenol	ND	2000	ug/kg	30
N-Nitrosodi-n-propylamine	ND	78	ug/kg	9.4
N-Nitrosodiphenylamine	ND	78	ug/kg	21
2,2'-oxybis(1-Chloropropane)	ND	78	ug/kg	23
Pentachlorophenol	ND	380	ug/kg	29
Phenanthrene	**50 J**	**78**	**ug/kg**	**18**
Phenol	**4100**	**78**	**ug/kg**	**23**
Pyrene	ND	78	ug/kg	24
2,4,5-Trichlorophenol	ND	380	ug/kg	32
2,4,6-Trichlorophenol	ND	380	ug/kg	31

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ENSR International

Client Sample ID: SB30(50-52.5)

GC/MS Semivolatiles

Lot-Sample #...: C8J290111-009 Work Order #...: K1TDV1AL Matrix.....: SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	69	(50 - 124)
2-Fluorobiphenyl	74	(49 - 105)
2-Fluorophenol	80	(39 - 103)
Nitrobenzene-d5	73	(25 - 104)
Phenol-d5	79	(25 - 105)
Terphenyl-d14	71	(25 - 127)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

ENSR International

Client Sample ID: SB26(35-37.5)

GC/MS Semivolatiles

Lot-Sample #...:	C8K010195-001	**Work Order #...:**	K14F41AD	**Matrix.....:**	SO
Date Sampled...:	10/29/08 14:00	**Date Received..:**	11/01/08 10:30	**MS Run #.....:**	8316293
Prep Date.....:	11/12/08	**Analysis Date..:**	11/13/08		
Prep Batch #...:	8316448	**Analysis Time..:**	09:23		
Dilution Factor:	1	**Initial Wgt/Vol:**	15 g	**Final Wgt/Vol..:**	5 mL
% Moisture.....:	17	**Analyst ID.....:**	003200	**Instrument ID..:**	731
		Method.....:	SW846 8270C		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	**39 J**	**81**	**ug/kg**	**21**
Acenaphthylene	**34 J**	**81**	**ug/kg**	**23**
Acetophenone	ND	400	ug/kg	24
Anthracene	ND	81	ug/kg	23
Atrazine	ND	400	ug/kg	28
Benzo(a)anthracene	ND	81	ug/kg	16
Benzo(a)pyrene	ND	81	ug/kg	12
Benzo(b)fluoranthene	ND	81	ug/kg	15
Benzo(ghi)perylene	ND	81	ug/kg	14
Benzo(k)fluoranthene	ND	81	ug/kg	13
Benzaldehyde	ND 400UJ	400	ug/kg	42
1,1'-Biphenyl	**40 J**	**400**	**ug/kg**	**22**
bis(2-Chloroethoxy) methane	ND	400	ug/kg	19
bis(2-Chloroethyl)-ether	ND	81	ug/kg	9.0
bis(2-Ethylhexyl) phthalate	ND	400	ug/kg	31
4-Bromophenyl phenyl ether	ND	400	ug/kg	18
Butyl benzyl phthalate	ND	400	ug/kg	32
Caprolactam	ND	2100	ug/kg	76
Carbazole	ND	81	ug/kg	16
4-Chloroaniline	ND	400	ug/kg	34
4-Chloro-3-methylphenol	ND	400	ug/kg	24
2-Chloronaphthalene	ND	81	ug/kg	23
2-Chlorophenol	ND	400	ug/kg	20
4-Chlorophenyl phenyl ether	ND	400	ug/kg	20
Chrysene	ND	81	ug/kg	16
Dibenz(a,h)anthracene	ND	81	ug/kg	25
Dibenzofuran	ND	400	ug/kg	22
3,3'-Dichlorobenzidine	ND	400	ug/kg	90
2,4-Dichlorophenol	ND	81	ug/kg	12
Diethyl phthalate	**93 J**	**400**	**ug/kg**	**36**
2,4-Dimethylphenol	ND	400	ug/kg	17
Dimethyl phthalate	ND	400	ug/kg	23

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ENSR International

Client Sample ID: SB26(35-37.5)

GC/MS Semivolatiles

Lot-Sample #...: C8K010195-001 Work Order #...: K14F41AD Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-butyl phthalate	ND	400	ug/kg	66
4,6-Dinitro-2-methylphenol	ND	2100	ug/kg	280
2,4-Dinitrophenol	ND	2100	ug/kg	470
2,4-Dinitrotoluene	ND	400	ug/kg	21
2,6-Dinitrotoluene	ND	400	ug/kg	26
Di-n-octyl phthalate	ND	400	ug/kg	28
Fluoranthene	ND	81	ug/kg	26
Fluorene	ND	81	ug/kg	19
Hexachlorobenzene	ND	81	ug/kg	24
Hexachlorobutadiene	ND	81	ug/kg	24
Hexachlorocyclopentadiene	ND dec UJ	400	ug/kg	18
Hexachloroethane	ND	400	ug/kg	18
Indeno(1,2,3-cd)pyrene	ND	81	ug/kg	14
Isophorone	ND	400	ug/kg	22
2-Methylnaphthalene	**24 J**	**81**	**ug/kg**	**22**
2-Methylphenol	ND	400	ug/kg	25
4-Methylphenol	ND	400	ug/kg	25
Naphthalene	**75 J**	**81**	**ug/kg**	**19**
2-Nitroaniline	ND	2100	ug/kg	24
3-Nitroaniline	ND	2100	ug/kg	34
4-Nitroaniline	ND	2100	ug/kg	17
Nitrobenzene	ND	81	ug/kg	10
2-Nitrophenol	ND	400	ug/kg	32
4-Nitrophenol	ND	2100	ug/kg	31
N-Nitrosodi-n-propylamine	ND	81	ug/kg	9.8
N-Nitrosodiphenylamine	ND	81	ug/kg	22
2,2'-oxybis(1-Chloropropane)	ND	81	ug/kg	24
Pentachlorophenol	ND	400	ug/kg	30
Phenanthrene	ND	81	ug/kg	19
Phenol	ND	81	ug/kg	24
Pyrene	ND	81	ug/kg	24
2,4,5-Trichlorophenol	ND	400	ug/kg	33
2,4,6-Trichlorophenol	ND	400	ug/kg	32

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ENSR International

Client Sample ID: SB26(35-37.5)

GC/MS Semivolatiles

Lot-Sample #...: C8K010195-001 Work Order #...: K14F41AD Matrix.....: SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	85	(50 - 124)
2-Fluorobiphenyl	84	(49 - 105)
2-Fluorophenol	82	(39 - 103)
Nitrobenzene-d5	86	(25 - 104)
Phenol-d5	82	(25 - 105)
Terphenyl-d14	84	(25 - 127)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

ENSR International

Client Sample ID: SB48(9-10)

GC/MS Semivolatiles

Lot-Sample #...:	C8K010195-002	Work Order #...:	K14F51AL	Matrix.....:	SO
Date Sampled...:	10/31/08 13:40	Date Received..:	11/01/08 10:30	MS Run #.....:	8316293
Prep Date.....:	11/12/08	Analysis Date..:	11/13/08		
Prep Batch #...:	8316448	Analysis Time..:	09:44		
Dilution Factor:	100	Initial Wgt/Vol:	15 g	Final Wgt/Vol..:	5 mL
% Moisture.....:	18	Analyst ID.....:	003200	Instrument ID..:	731
		Method.....:	SW846 8270C		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	**1000000**	**8100**	**ug/kg**	**2100**
Acenaphthylene	**150000**	**8100**	**ug/kg**	**2300**
Acetophenone	ND	40000	ug/kg	2400
Anthracene	**920000**	**8100**	**ug/kg**	**2300**
Atrazine	ND	40000	ug/kg	2800
Benzo(a)anthracene	**770000**	**8100**	**ug/kg**	**1600**
Benzo(a)pyrene	**600000**	**8100**	**ug/kg**	**1200**
Benzo(b)fluoranthene	**810000**	**8100**	**ug/kg**	**1600**
Benzo(ghi)perylene	**360000**	**8100**	**ug/kg**	**1400**
Benzo(k)fluoranthene	ND	8100	ug/kg	1300
Benzaldehyde	ND 400000 U5	40000	ug/kg	4300
1,1'-Biphenyl	**190000**	**40000**	**ug/kg**	**2200**
bis(2-Chloroethoxy) methane	ND	40000	ug/kg	1900
bis(2-Chloroethyl)-ether	ND	8100	ug/kg	910
bis(2-Ethylhexyl) phthalate	ND	40000	ug/kg	3100
4-Bromophenyl phenyl ether	ND	40000	ug/kg	1800
Butyl benzyl phthalate	ND	40000	ug/kg	3200
Caprolactam	ND	210000	ug/kg	7600
Carbazole	**280000**	**8100**	**ug/kg**	**1700**
4-Chloroaniline	ND	40000	ug/kg	3500
4-Chloro-3-methylphenol	ND	40000	ug/kg	2500
2-Chloronaphthalene	ND	8100	ug/kg	2300
2-Chlorophenol	ND	40000	ug/kg	2000
4-Chlorophenyl phenyl ether	ND	40000	ug/kg	2000
Chrysene	**570000**	**8100**	**ug/kg**	**1600**
Dibenz(a,h)anthracene	**91000**	**8100**	**ug/kg**	**2600**
Dibenzofuran	**660000**	**40000**	**ug/kg**	**2200**
3,3'-Dichlorobenzidine	ND	40000	ug/kg	9100
2,4-Dichlorophenol	ND	8100	ug/kg	1200
Diethyl phthalate	ND	40000	ug/kg	3600
2,4-Dimethylphenol	ND	40000	ug/kg	1700
Dimethyl phthalate	ND	40000	ug/kg	2300

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ENSR International

Client Sample ID: SB48(9-10)

GC/MS Semivolatiles

Lot-Sample #...: C8K010195-002 Work Order #...: K14F51AL Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-butyl phthalate	ND	40000	ug/kg	6700
4,6-Dinitro-2-methylphenol	ND	210000	ug/kg	28000
2,4-Dinitrophenol	ND	210000	ug/kg	48000
2,4-Dinitrotoluene	ND	40000	ug/kg	2100
2,6-Dinitrotoluene	ND	40000	ug/kg	2600
Di-n-octyl phthalate	ND	40000	ug/kg	2800
Fluoranthene 1900000	~~1700000 E~~	**8100**	**ug/kg**	**2600**
Fluorene	**810000**	**8100**	**ug/kg**	**2000**
Hexachlorobenzene	ND	8100	ug/kg	2400
Hexachlorobutadiene	ND	8100	ug/kg	2500
Hexachlorocyclopentadiene	ND 40000 UJ	40000	ug/kg	1900
Hexachloroethane	ND	40000	ug/kg	1800
Indeno(1,2,3-cd)pyrene	**320000**	**8100**	**ug/kg**	**1400**
Isophorone	ND	40000	ug/kg	2200
2-Methylnaphthalene	**620000**	**8100**	**ug/kg**	**2200**
2-Methylphenol	ND	40000	ug/kg	2500
4-Methylphenol	ND	40000	ug/kg	2500
Naphthalene 2000000	~~1900000 E~~	**8100**	**ug/kg**	**2000**
2-Nitroaniline	ND	210000	ug/kg	2400
3-Nitroaniline	ND	210000	ug/kg	3500
4-Nitroaniline	ND	210000	ug/kg	1700
Nitrobenzene	ND	8100	ug/kg	1000
2-Nitrophenol	ND	40000	ug/kg	3200
4-Nitrophenol	ND	210000	ug/kg	3100
N-Nitrosodi-n-propylamine	ND	8100	ug/kg	990
N-Nitrosodiphenylamine	ND	8100	ug/kg	2200
2,2'-oxybis(1-Chloropropane)	ND	8100	ug/kg	2400
Pentachlorophenol	ND	40000	ug/kg	3000
Phenanthrene 2700000	~~2100000 E~~	**8100**	**ug/kg**	**1900**
Phenol	ND	8100	ug/kg	2400
Pyrene	**1300000**	**8100**	**ug/kg**	**2500**
2,4,5-Trichlorophenol	ND	40000	ug/kg	3300
2,4,6-Trichlorophenol	ND	40000	ug/kg	3300

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ENSR International

Client Sample ID: SB48(9-10)

GC/MS Semivolatiles

Lot-Sample #...: C8K010195-002 Work Order #...: K14F51AL Matrix.....: SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	NC,DIL	(50 - 124)
2-Fluorobiphenyl	NC,DIL	(49 - 105)
2-Fluorophenol	NC,DIL	(39 - 103)
Nitrobenzene-d5	NC,DIL	(25 - 104)
Phenol-d5	NC,DIL	(25 - 105)
Terphenyl-d14	NC,DIL	(25 - 127)

NOTE(S):

NC The recovery and/or RPD were not calculated.

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.

E Estimated result. Result concentration exceeds the calibration range.

ENSR International

Client Sample ID: SB48(9-10) DL

GC/MS Semivolatiles

Lot-Sample #...:	C8K010195-002	**Work Order #...:**	K14F52AL	**Matrix.....:**	SO
Date Sampled...:	10/31/08 13:40	**Date Received..:**	11/01/08 10:30	**MS Run #.....:**	8316293
Prep Date.....:	11/12/08	**Analysis Date..:**	11/13/08		
Prep Batch #...:	8316448	**Analysis Time..:**	10:25		
Dilution Factor:	250	**Initial Wgt/Vol:**	15 g	**Final Wgt/Vol..:**	5 mL
% Moisture.....:	18	**Analyst ID.....:**	003200	**Instrument ID..:**	731
		Method.....:	SW846 8270C		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	**1100000**	**20000**	**ug/kg**	**5200**
Acenaphthylene	**150000**	**20000**	**ug/kg**	**5900**
Acetophenone	ND	100000	ug/kg	6100
Anthracene	**950000**	**20000**	**ug/kg**	**5700**
Atrazine	ND	100000	ug/kg	6900
Benzo(a)anthracene	**720000**	**20000**	**ug/kg**	**4000**
Benzo(a)pyrene	**600000**	**20000**	**ug/kg**	**3100**
Benzo(b)fluoranthene	**790000**	**20000**	**ug/kg**	**3900**
Benzo(ghi)perylene	**340000**	**20000**	**ug/kg**	**3400**
Benzo(k)fluoranthene	ND	20000	ug/kg	3200
Benzaldehyde	ND	100000	ug/kg	11000
1,1'-Biphenyl	**190000**	**100000**	**ug/kg**	**5500**
bis(2-Chloroethoxy) methane	ND	100000	ug/kg	4700
bis(2-Chloroethyl)-ether	ND	20000	ug/kg	2300
bis(2-Ethylhexyl) phthalate	ND	100000	ug/kg	7700
4-Bromophenyl phenyl ether	ND	100000	ug/kg	4500
Butyl benzyl phthalate	ND	100000	ug/kg	8100
Caprolactam	ND	520000	ug/kg	19000
Carbazole	**280000**	**20000**	**ug/kg**	**4100**
4-Chloroaniline	ND	100000	ug/kg	8700
4-Chloro-3-methylphenol	ND	100000	ug/kg	6100
2-Chloronaphthalene	ND	20000	ug/kg	5800
2-Chlorophenol	ND	100000	ug/kg	5100
4-Chlorophenyl phenyl ether	ND	100000	ug/kg	5000
Chrysene	**590000**	**20000**	**ug/kg**	**4000**
Dibenz(a,h)anthracene	**81000**	**20000**	**ug/kg**	**6400**
Dibenzofuran	**700000**	**100000**	**ug/kg**	**5600**
3,3'-Dichlorobenzidine	ND	100000	ug/kg	23000
2,4-Dichlorophenol	ND	20000	ug/kg	3000
Diethyl phthalate	ND	100000	ug/kg	9000
2,4-Dimethylphenol	ND	100000	ug/kg	4300
Dimethyl phthalate	ND	100000	ug/kg	5700

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ENSR International

Client Sample ID: SB48(9-10)DL

GC/MS Semivolatiles

Lot-Sample #...: C8K010195-002 Work Order #...: K14F52AL Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-butyl phthalate	ND	100000	ug/kg	17000
4,6-Dinitro-2-methylphenol	ND	520000	ug/kg	71000
2,4-Dinitrophenol	ND	520000	ug/kg	120000
2,4-Dinitrotoluene	ND	100000	ug/kg	5200
2,6-Dinitrotoluene	ND	100000	ug/kg	6500
Di-n-octyl phthalate	ND	100000	ug/kg	7000
Fluoranthene	**1900000**	**20000**	**ug/kg**	**6500**
Fluorene	**840000**	**20000**	**ug/kg**	**4900**
Hexachlorobenzene	ND	20000	ug/kg	6100
Hexachlorobutadiene	ND	20000	ug/kg	6200
Hexachlorocyclopentadiene	ND	100000	ug/kg	4600
Hexachloroethane	ND	100000	ug/kg	4500
Indeno(1,2,3-cd)pyrene	**310000**	**20000**	**ug/kg**	**3600**
Isophorone	ND	100000	ug/kg	5600
2-Methylnaphthalene	**610000**	**20000**	**ug/kg**	**5600**
2-Methylphenol	ND	100000	ug/kg	6300
4-Methylphenol	ND	100000	ug/kg	6300
Naphthalene	**2000000**	**20000**	**ug/kg**	**4900**
2-Nitroaniline	ND	520000	ug/kg	6100
3-Nitroaniline	ND	520000	ug/kg	8600
4-Nitroaniline	ND	520000	ug/kg	4200
Nitrobenzene	ND	20000	ug/kg	2500
2-Nitrophenol	ND	100000	ug/kg	8000
4-Nitrophenol	ND	520000	ug/kg	7900
N-Nitrosodi-n-propylamine	ND	20000	ug/kg	2500
N-Nitrosodiphenylamine	ND	20000	ug/kg	5500
2,2'-oxybis (1-Chloropropane)	ND	20000	ug/kg	6000
Pentachlorophenol	ND	100000	ug/kg	7500
Phenanthrene	**2700000**	**20000**	**ug/kg**	**4800**
Phenol	ND	20000	ug/kg	6100
Pyrene	**1300000**	**20000**	**ug/kg**	**6200**
2,4,5-Trichlorophenol	ND	100000	ug/kg	8300
2,4,6-Trichlorophenol	ND	100000	ug/kg	8100

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ENSR International

Client Sample ID: SB48(9-10) DL

GC/MS Semivolatiles

Lot-Sample #...: C8K010195-002 Work Order #...: K14F52AL Matrix.....: SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	NC,DIL	(50 - 124)
2-Fluorobiphenyl	NC,DIL	(49 - 105)
2-Fluorophenol	NC,DIL	(39 - 103)
Nitrobenzene-d5	NC,DIL	(25 - 104)
Phenol-d5	NC,DIL	(25 - 105)
Terphenyl-d14	NC,DIL	(25 - 127)

NOTE(S):

NC The recovery and/or RPD were not calculated.

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.

ENSR International

Client Sample ID: SB48(27.5-30)

GC/MS Semivolatiles

Lot-Sample #...: C8K010195-003	Work Order #...: K14F71AL	Matrix.....: SO
Date Sampled...: 10/31/08 14:30	Date Received..: 11/01/08 10:30	MS Run #.....: 8316293
Prep Date.....: 11/12/08	Analysis Date..: 11/13/08	
Prep Batch #...: 8316448	Analysis Time..: 10:04	
Dilution Factor: 1	Initial Wgt/Vol: 15 g	Final Wgt/Vol..: 5 mL
% Moisture.....: 16	Analyst ID.....: 003200	Instrument ID..: 731
	Method.....: SW846 8270C	

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	**160**	**80**	**ug/kg**	**20**
Acenaphthylene	**58 J**	**80**	**ug/kg**	**23**
Acetophenone	ND	390	ug/kg	24
Anthracene	**190**	**80**	**ug/kg**	**22**
Atrazine	ND	390	ug/kg	27
Benzo(a)anthracene	**160**	**80**	**ug/kg**	**16**
Benzo(a)pyrene	**130**	**80**	**ug/kg**	**12**
Benzo(b)fluoranthene	**150**	**80**	**ug/kg**	**15**
Benzo(ghi)perylene	**75 J**	**80**	**ug/kg**	**13**
Benzo(k)fluoranthene	ND	80	ug/kg	13
Benzaldehyde	ND 390 UJ	390	ug/kg	42
1,1'-Biphenyl	**32 J**	**390**	**ug/kg**	**22**
bis(2-Chloroethoxy) methane	ND	390	ug/kg	18
bis(2-Chloroethyl)-ether	ND	80	ug/kg	8.9
bis(2-Ethylhexyl) phthalate	ND	390	ug/kg	30
4-Bromophenyl phenyl ether	ND	390	ug/kg	18
Butyl benzyl phthalate	ND	390	ug/kg	32
Caprolactam	ND	2000	ug/kg	75
Carbazole	**42 J**	**80**	**ug/kg**	**16**
4-Chloroaniline	ND	390	ug/kg	34
4-Chloro-3-methylphenol	ND	390	ug/kg	24
2-Chloronaphthalene	ND	80	ug/kg	23
2-Chlorophenol	ND	390	ug/kg	20
4-Chlorophenyl phenyl ether	ND	390	ug/kg	19
Chrysene	**120**	**80**	**ug/kg**	**16**
Dibenz(a,h)anthracene	ND	80	ug/kg	25
Dibenzofuran	**83 J**	**390**	**ug/kg**	**22**
3,3'-Dichlorobenzidine	ND	390	ug/kg	89
2,4-Dichlorophenol	ND	80	ug/kg	12
Diethyl phthalate	ND	390	ug/kg	35
2,4-Dimethylphenol	ND	390	ug/kg	17
Dimethyl phthalate	ND	390	ug/kg	22

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ENSR International

Client Sample ID: SB48(27.5-30)

GC/MS Semivolatiles

Lot-Sample #...: C8K010195-003 Work Order #...: K14F71AL Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-butyl phthalate	ND	390	ug/kg	65
4,6-Dinitro-2-methylphenol	ND	2000	ug/kg	280
2,4-Dinitrophenol	ND	2000	ug/kg	470
2,4-Dinitrotoluene	ND	390	ug/kg	20
2,6-Dinitrotoluene	ND	390	ug/kg	25
Di-n-octyl phthalate	ND	390	ug/kg	27
Fluoranthene	**360**	**80**	**ug/kg**	**25**
Fluorene	**140**	**80**	**ug/kg**	**19**
Hexachlorobenzene	ND	80	ug/kg	24
Hexachlorobutadiene	ND	80	ug/kg	24
Hexachlorocyclopentadiene	ND 390 UJ	390	ug/kg	18
Hexachloroethane	ND	390	ug/kg	18
Indeno(1,2,3-cd)pyrene	**62 J**	**80**	**ug/kg**	**14**
Isophorone	ND	390	ug/kg	22
2-Methylnaphthalene	**72 J**	**80**	**ug/kg**	**22**
2-Methylphenol	ND	390	ug/kg	25
4-Methylphenol	ND	390	ug/kg	25
Naphthalene	**160**	**80**	**ug/kg**	**19**
2-Nitroaniline	ND	2000	ug/kg	24
3-Nitroaniline	ND	2000	ug/kg	34
4-Nitroaniline	ND	2000	ug/kg	17
Nitrobenzene	ND	80	ug/kg	9.8
2-Nitrophenol	ND	390	ug/kg	31
4-Nitrophenol	ND	2000	ug/kg	31
N-Nitrosodi-n-propylamine	ND	80	ug/kg	9.6
N-Nitrosodiphenylamine	ND	80	ug/kg	21
2,2'-oxybis(1-Chloropropane)	ND	80	ug/kg	24
Pentachlorophenol	ND	390	ug/kg	29
Phenanthrene	**580**	**80**	**ug/kg**	**19**
Phenol	ND	80	ug/kg	24
Pyrene	**300**	**80**	**ug/kg**	**24**
2,4,5-Trichlorophenol	ND	390	ug/kg	32
2,4,6-Trichlorophenol	ND	390	ug/kg	32

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ENSR International

Client Sample ID: SB48(27.5-30)

GC/MS Semivolatiles

Lot-Sample #...: C8K010195-003 Work Order #...: K14F71AL Matrix.....: SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	83	(50 - 124)
2-Fluorobiphenyl	78	(49 - 105)
2-Fluorophenol	78	(39 - 103)
Nitrobenzene-d5	80	(25 - 104)
Phenol-d5	79	(25 - 105)
Terphenyl-d14	78	(25 - 127)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

ENSR International

Client Sample ID: SB43(40-42.5)

GC/MS Semivolatiles

Lot-Sample #...:	C8K040347-001	Work Order #...:	K18D51AD	Matrix.....:	SO
Date Sampled...:	11/01/08 11:00	Date Received..:	11/04/08 10:00	MS Run #.....:	8319027
Prep Date.....:	11/14/08	Analysis Date..:	11/15/08		
Prep Batch #...:	8319030	Analysis Time..:	11:45		
Dilution Factor:	100	Initial Wgt/Vol:	15 g	Final Wgt/Vol..:	5 mL
% Moisture.....:	11	Analyst ID.....:	003200	Instrument ID..:	731
		Method.....:	SW846 8270C		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	**540000**	**7500**	**ug/kg**	**1900**
Acenaphthylene	**79000**	**7500**	**ug/kg**	**2200**
Acetophenone	ND	37000	ug/kg	2300
Anthracene	**270000**	**7500**	**ug/kg**	**2100**
Atrazine	ND	37000	ug/kg	2600
Benzo(a)anthracene	**150000**	**7500**	**ug/kg**	**1500**
Benzo(a)pyrene	**99000**	**7500**	**ug/kg**	**1100**
Benzo(b)fluoranthene	**88000**	**7500**	**ug/kg**	**1400**
Benzo(ghi)perylene	**38000**	**7500**	**ug/kg**	**1300**
Benzo(k)fluoranthene	ND	7500	ug/kg	1200
Benzaldehyde	ND	37000	ug/kg	3900
1,1'-Biphenyl	**120000**	**37000**	**ug/kg**	**2000**
bis(2-Chloroethoxy) methane	ND	37000	ug/kg	1700
bis(2-Chloroethyl)-ether	ND	7500	ug/kg	840
bis(2-Ethylhexyl) phthalate	ND	37000	ug/kg	2800
4-Bromophenyl phenyl ether	ND	37000	ug/kg	1700
Butyl benzyl phthalate	ND	37000	ug/kg	3000
Caprolactam	ND	190000	ug/kg	7000
Carbazole	ND	7500	ug/kg	1500
4-Chloroaniline	ND	37000	ug/kg	3200
4-Chloro-3-methylphenol	ND	37000	ug/kg	2300
2-Chloronaphthalene	ND	7500	ug/kg	2200
2-Chlorophenol	ND	37000	ug/kg	1900
4-Chlorophenyl phenyl ether	ND	37000	ug/kg	1800
Chrysene	**110000**	**7500**	**ug/kg**	**1500**
Dibenz(a,h)anthracene	**10000**	**7500**	**ug/kg**	**2400**
Dibenzofuran	**25000 J**	**37000**	**ug/kg**	**2100**
3,3'-Dichlorobenzidine	ND	37000	ug/kg	8400
2,4-Dichlorophenol	ND	7500	ug/kg	1100
Diethyl phthalate	ND	37000	ug/kg	3300
2,4-Dimethylphenol	ND	37000	ug/kg	1600
Dimethyl phthalate	ND	37000	ug/kg	2100

(Continued on next page)

ENSR International

Client Sample ID: SB43(40-42.5)

GC/MS Semivolatiles

Lot-Sample #...: C8K040347-001 Work Order #...: K18D51AD Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-butyl phthalate	ND	37000	ug/kg	6200
4,6-Dinitro-2-methylphenol	ND	190000	ug/kg	26000
2,4-Dinitrophenol	ND	190000	ug/kg	44000
2,4-Dinitrotoluene	ND	37000	ug/kg	1900
2,6-Dinitrotoluene	ND	37000	ug/kg	2400
Di-n-octyl phthalate	ND	37000	ug/kg	2600
Fluoranthene	**260000**	**7500**	**ug/kg**	**2400**
Fluorene	**290000**	**7500**	**ug/kg**	**1800**
Hexachlorobenzene	ND	7500	ug/kg	2200
Hexachlorobutadiene	ND	7500	ug/kg	2300
Hexachlorocyclopentadiene	ND 37000 U.J	37000	ug/kg	1700
Hexachloroethane	ND	37000	ug/kg	1700
Indeno(1,2,3-cd)pyrene	**27000**	**7500**	**ug/kg**	**1300**
Isophorone	ND	37000	ug/kg	2100
2-Methylnaphthalene	**920000**	**7500**	**ug/kg**	**2100**
2-Methylphenol	ND	37000	ug/kg	2300
4-Methylphenol	ND	37000	ug/kg	2300
Naphthalene 2200000	~~1800000 E~~	**7500**	**ug/kg**	**1800**
2-Nitroaniline	ND	190000	ug/kg	2200
3-Nitroaniline	ND	190000	ug/kg	3200
4-Nitroaniline	ND	190000	ug/kg	1600
Nitrobenzene	ND	7500	ug/kg	930
2-Nitrophenol	ND	37000	ug/kg	3000
4-Nitrophenol	ND	190000	ug/kg	2900
N-Nitrosodi-n-propylamine	ND	7500	ug/kg	910
N-Nitrosodiphenylamine	ND	7500	ug/kg	2000
2,2'-oxybis(1-Chloropropane)	ND	7500	ug/kg	2200
Pentachlorophenol	ND	37000	ug/kg	2800
Phenanthrene	**850000**	**7500**	**ug/kg**	**1800**
Phenol	ND	7500	ug/kg	2200
Pyrene	**360000**	**7500**	**ug/kg**	**2300**
2,4,5-Trichlorophenol	ND	37000	ug/kg	3100
2,4,6-Trichlorophenol	ND	37000	ug/kg	3000

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ENSR International

Client Sample ID: SB43(40-42.5)

GC/MS Semivolatiles

Lot-Sample #...: C8K040347-001 Work Order #...: K18D51AD Matrix.....: SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	NC,DIL	(50 - 124)
2-Fluorobiphenyl	NC,DIL	(49 - 105)
2-Fluorophenol	NC,DIL	(39 - 103)
Nitrobenzene-d5	NC,DIL	(25 - 104)
Phenol-d5	NC,DIL	(25 - 105)
Terphenyl-d14	NC,DIL	(25 - 127)

NOTE(S):

NC The recovery and/or RPD were not calculated.

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.

E Estimated result. Result concentration exceeds the calibration range.

ENSR International

Client Sample ID: SB43(40-42.5) DL

GC/MS Semivolatiles

Lot-Sample #...:	C8K040347-001	Work Order #...:	K18D52AD	Matrix.....:	SO
Date Sampled...:	11/01/08 11:00	Date Received..:	11/04/08 10:00	MS Run #.....:	8319027
Prep Date.....:	11/14/08	Analysis Date..:	11/15/08		
Prep Batch #...:	8319030	Analysis Time..:	15:46		
Dilution Factor:	400	Initial Wgt/Vol:	15 g	Final Wgt/Vol..:	5 mL
% Moisture.....:	11	Analyst ID.....:	003200	Instrument ID..:	731
		Method.....:	SW846 8270C		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	**590000**	**30000**	**ug/kg**	**7700**
Acenaphthylene	**84000**	**30000**	**ug/kg**	**8700**
Acetophenone	ND	150000	ug/kg	9000
Anthracene	**270000**	**30000**	**ug/kg**	**8400**
Atrazine	ND	150000	ug/kg	10000
Benzo(a)anthracene	**140000**	**30000**	**ug/kg**	**5900**
Benzo(a)pyrene	**100000**	**30000**	**ug/kg**	**4600**
Benzo(b)fluoranthene	**88000**	**30000**	**ug/kg**	**5700**
Benzo(ghi)perylene	**40000**	**30000**	**ug/kg**	**5100**
Benzo(k)fluoranthene	ND	30000	ug/kg	4800
Benzaldehyde	ND	150000	ug/kg	16000
1,1'-Biphenyl	**130000 J**	**150000**	**ug/kg**	**8200**
bis(2-Chloroethoxy) methane	ND	150000	ug/kg	6900
bis(2-Chloroethyl)-ether	ND	30000	ug/kg	3300
bis(2-Ethylhexyl) phthalate	ND	150000	ug/kg	11000
4-Bromophenyl phenyl ether	ND	150000	ug/kg	6700
Butyl benzyl phthalate	ND	150000	ug/kg	12000
Caprolactam	ND	760000	ug/kg	28000
Carbazole	ND	30000	ug/kg	6100
4-Chloroaniline	ND	150000	ug/kg	13000
4-Chloro-3-methylphenol	ND	150000	ug/kg	9100
2-Chloronaphthalene	ND	30000	ug/kg	8600
2-Chlorophenol	ND	150000	ug/kg	7500
4-Chlorophenyl phenyl ether	ND	150000	ug/kg	7400
Chrysene	**120000**	**30000**	**ug/kg**	**5900**
Dibenz(a,h)anthracene	ND	30000	ug/kg	9400
Dibenzofuran	**28000 J**	**150000**	**ug/kg**	**8200**
3,3'-Dichlorobenzidine	ND	150000	ug/kg	33000
2,4-Dichlorophenol	ND	30000	ug/kg	4400
Diethyl phthalate	ND	150000	ug/kg	13000
2,4-Dimethylphenol	ND	150000	ug/kg	6400
Dimethyl phthalate	ND	150000	ug/kg	8400

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ENSR International

Client Sample ID: SB43(40-42.5) DL

GC/MS Semivolatiles

Lot-Sample #...: C8K040347-001 Work Order #...: K18D52AD Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-butyl phthalate	ND	150000	ug/kg	25000
4,6-Dinitro-2-methylphenol	ND	760000	ug/kg	100000
2,4-Dinitrophenol	ND	760000	ug/kg	180000
2,4-Dinitrotoluene	ND	150000	ug/kg	7700
2,6-Dinitrotoluene	ND	150000	ug/kg	9600
Di-n-octyl phthalate	ND	150000	ug/kg	10000
Fluoranthene	**260000**	**30000**	**ug/kg**	**9600**
Fluorene	**310000**	**30000**	**ug/kg**	**7200**
Hexachlorobenzene	ND	30000	ug/kg	8900
Hexachlorobutadiene	ND	30000	ug/kg	9100
Hexachlorocyclopentadiene	ND	150000	ug/kg	6800
Hexachloroethane	ND	150000	ug/kg	6700
Indeno(1,2,3-cd)pyrene	**30000**	**30000**	**ug/kg**	**5300**
Isophorone	ND	150000	ug/kg	8300
2-Methylnaphthalene	**1000000**	**30000**	**ug/kg**	**8200**
2-Methylphenol	ND	150000	ug/kg	9300
4-Methylphenol	ND	150000	ug/kg	9300
Naphthalene	**2200000**	**30000**	**ug/kg**	**7200**
2-Nitroaniline	ND	760000	ug/kg	8900
3-Nitroaniline	ND	760000	ug/kg	13000
4-Nitroaniline	ND	760000	ug/kg	6300
Nitrobenzene	ND	30000	ug/kg	3700
2-Nitrophenol	ND	150000	ug/kg	12000
4-Nitrophenol	ND	760000	ug/kg	12000
N-Nitrosodi-n-propylamine	ND	30000	ug/kg	3600
N-Nitrosodiphenylamine	ND	30000	ug/kg	8100
2,2'-oxybis(1-Chloropropane)	ND	30000	ug/kg	8900
Pentachlorophenol	ND	150000	ug/kg	11000
Phenanthrene	**900000**	**30000**	**ug/kg**	**7100**
Phenol	ND	30000	ug/kg	9000
Pyrene	**380000**	**30000**	**ug/kg**	**9100**
2,4,5-Trichlorophenol	ND	150000	ug/kg	12000
2,4,6-Trichlorophenol	ND	150000	ug/kg	12000

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ENSR International

Client Sample ID: SB43(40-42.5) DL

GC/MS Semivolatiles

Lot-Sample #...: C8K040347-001 Work Order #...: K18D52AD Matrix.....: SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	NC,DIL	(50 - 124)
2-Fluorobiphenyl	NC,DIL	(49 - 105)
2-Fluorophenol	NC,DIL	(39 - 103)
Nitrobenzene-d5	NC,DIL	(25 - 104)
Phenol-d5	NC,DIL	(25 - 105)
Terphenyl-d14	NC,DIL	(25 - 127)

NOTE(S):

NC The recovery and/or RPD were not calculated.

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.

ENSR International

Client Sample ID: SB43(50-52.5)

GC/MS Semivolatiles

Lot-Sample #...: C8K040347-002	Work Order #...: K18D71AL	Matrix.....: SO
Date Sampled...: 11/01/08 14:45	Date Received..: 11/04/08 10:00	MS Run #.....: 8319027
Prep Date.....: 11/14/08	Analysis Date..: 11/15/08	
Prep Batch #...: 8319030	Analysis Time..: 12:05	
Dilution Factor: 1	Initial Wgt/Vol: 15 g	Final Wgt/Vol..: 5 mL
% Moisture.....: 19	Analyst ID.....: 003200	Instrument ID..: 731
	Method.....: SW846 8270C	

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	**21 J**	**83**	**ug/kg**	**21**
Acenaphthylene	ND	83	ug/kg	24
Acetophenone	ND	410	ug/kg	25
Anthracene	ND	83	ug/kg	23
Atrazine	ND	410	ug/kg	28
Benzo(a)anthracene	ND	83	ug/kg	16
Benzo(a)pyrene	ND	83	ug/kg	13
Benzo(b)fluoranthene	ND	83	ug/kg	16
Benzo(ghi)perylene	ND	83	ug/kg	14
Benzo(k)fluoranthene	ND	83	ug/kg	13
Benzaldehyde	ND	410	ug/kg	43
1,1'-Biphenyl	**35 J**	**410**	**ug/kg**	**23**
bis(2-Chloroethoxy) methane	ND	410	ug/kg	19
bis(2-Chloroethyl)-ether	ND	83	ug/kg	9.2
bis(2-Ethylhexyl) phthalate	ND	410	ug/kg	31
4-Bromophenyl phenyl ether	ND	410	ug/kg	18
Butyl benzyl phthalate	ND	410	ug/kg	33
Caprolactam	ND	2100	ug/kg	77
Carbazole	ND	83	ug/kg	17
4-Chloroaniline	ND	410	ug/kg	35
4-Chloro-3-methylphenol	ND	410	ug/kg	25
2-Chloronaphthalene	ND	83	ug/kg	24
2-Chlorophenol	ND	410	ug/kg	21
4-Chlorophenyl phenyl ether	ND	410	ug/kg	20
Chrysene	ND	83	ug/kg	16
Dibenz(a,h)anthracene	ND	83	ug/kg	26
Dibenzofuran	ND	410	ug/kg	23
3,3'-Dichlorobenzidine	ND	410	ug/kg	92
2,4-Dichlorophenol	ND	83	ug/kg	12
Diethyl phthalate	ND	410	ug/kg	37
2,4-Dimethylphenol	ND	410	ug/kg	18
Dimethyl phthalate	ND	410	ug/kg	23

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KNSR International

Client Sample ID: SB43(50-52.5)

GC/MS Semivolatiles

Lot-Sample #...: C8K040347-002 Work Order #...: K18D71AL Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-butyl phthalate	ND	410	ug/kg	68
4,6-Dinitro-2-methylphenol	ND	2100	ug/kg	290
2,4-Dinitrophenol	ND	2100	ug/kg	480
2,4-Dinitrotoluene	ND	410	ug/kg	21
2,6-Dinitrotoluene	ND	410	ug/kg	26
Di-n-octyl phthalate	ND	410	ug/kg	29
Fluoranthene	ND	83	ug/kg	26
Fluorene	ND	83	ug/kg	20
Hexachlorobenzene	ND	83	ug/kg	25
Hexachlorobutadiene	ND	83	ug/kg	25
Hexachlorocyclopentadiene	ND 410 U	410	ug/kg	19
Hexachloroethane	ND	410	ug/kg	18
Indeno(1,2,3-cd)pyrene	ND	83	ug/kg	15
Isophorone	ND	410	ug/kg	23
2-Methylnaphthalene	**28 J**	**83**	**ug/kg**	**23**
2-Methylphenol	ND	410	ug/kg	26
4-Methylphenol	ND	410	ug/kg	26
Naphthalene	**56 J**	**83**	**ug/kg**	**20**
2-Nitroaniline	ND	2100	ug/kg	25
3-Nitroaniline	ND	2100	ug/kg	35
4-Nitroaniline	ND	2100	ug/kg	17
Nitrobenzene	ND	83	ug/kg	10
2-Nitrophenol	ND	410	ug/kg	33
4-Nitrophenol	ND	2100	ug/kg	32
N-Nitrosodi-n-propylamine	ND	83	ug/kg	10
N-Nitrosodiphenylamine	ND	83	ug/kg	22
2,2'-oxybis(1-Chloropropane)	ND	83	ug/kg	25
Pentachlorophenol	ND	410	ug/kg	30
Phenanthrene	**26 J**	**83**	**ug/kg**	**20**
Phenol	ND	83	ug/kg	25
Pyrene	ND	83	ug/kg	25
2,4,5-Trichlorophenol	ND	410	ug/kg	34
2,4,6-Trichlorophenol	ND	410	ug/kg	33

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ENSR International

Client Sample ID: SB43(50-52.5)

GC/MS Semivolatiles

Lot-Sample #...: C8K040347-002 Work Order #...: K18D71AL Matrix.....: SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	70	(50 - 124)
2-Fluorobiphenyl	73	(49 - 105)
2-Fluorophenol	71	(39 - 103)
Nitrobenzene-d5	71	(25 - 104)
Phenol-d5	69	(25 - 105)
Terphenyl-d14	72	(25 - 127)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

ENSR International

Client Sample ID: SB35(40-41.5)

GC/MS Semivolatiles

Lot-Sample #...:	C8K040347-003	Work Order #...:	K18D81AL	Matrix.....:	SO
Date Sampled...:	11/02/08 15:55	Date Received..:	11/04/08 10:00	MS Run #.....:	8319027
Prep Date.....:	11/14/08	Analysis Date..:	11/15/08		
Prep Batch #...:	8319030	Analysis Time..:	12:25		
Dilution Factor:	1	Initial Wgt/Vol:	15 g	Final Wgt/Vol..:	5 mL
% Moisture.....:	19	Analyst ID.....:	003200	Instrument ID..:	731
		Method.....:	SW846 8270C		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	**13000**	**83**	**ug/kg**	**21**
Acenaphthylene	**2200**	**83**	**ug/kg**	**24**
Acetophenone	ND	410	ug/kg	25
Anthracene	**8600**	**83**	**ug/kg**	**23**
Atrazine	ND	410	ug/kg	28
Benzo(a)anthracene	**5400**	**83**	**ug/kg**	**16**
Benzo(a)pyrene	**3900**	**83**	**ug/kg**	**13**
Benzo(b)fluoranthene	**3200**	**83**	**ug/kg**	**16**
Benzo(ghi)perylene	**1500**	**83**	**ug/kg**	**14**
Benzo(k)fluoranthene	ND	83	ug/kg	13
Benzaldehyde	ND	410	ug/kg	44
1,1'-Biphenyl	**2800**	**410**	**ug/kg**	**23**
bis(2-Chloroethoxy) methane	ND	410	ug/kg	19
bis(2-Chloroethyl)-ether	ND	83	ug/kg	9.2
bis(2-Ethylhexyl) phthalate	ND	410	ug/kg	31
4-Bromophenyl phenyl ether	ND	410	ug/kg	18
Butyl benzyl phthalate	ND	410	ug/kg	33
Caprolactam	ND	2100	ug/kg	78
Carbazole	ND	83	ug/kg	17
4-Chloroaniline	ND	410	ug/kg	35
4-Chloro-3-methylphenol	ND	410	ug/kg	25
2-Chloronaphthalene	ND	83	ug/kg	24
2-Chlorophenol	ND	410	ug/kg	21
4-Chlorophenyl phenyl ether	ND	410	ug/kg	20
Chrysene	**3900**	**83**	**ug/kg**	**16**
Dibenz(a,h)anthracene	**420**	**83**	**ug/kg**	**26**
Dibenzofuran	**720**	**410**	**ug/kg**	**23**
3,3'-Dichlorobenzidine	ND	410	ug/kg	92
2,4-Dichlorophenol	ND	83	ug/kg	12
Diethyl phthalate	ND	410	ug/kg	37
2,4-Dimethylphenol	ND	410	ug/kg	18
Dimethyl phthalate	ND	410	ug/kg	23

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ENSR International

Client Sample ID: SB35(40-41.5)

GC/MS Semivolatiles

Lot-Sample #...: C8K040347-003 Work Order #...: K18D81AL Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-butyl phthalate	ND	410	ug/kg	68
4,6-Dinitro-2-methylphenol	ND	2100	ug/kg	290
2,4-Dinitrophenol	ND	2100	ug/kg	490
2,4-Dinitrotoluene	ND	410	ug/kg	21
2,6-Dinitrotoluene	ND	410	ug/kg	26
Di-n-octyl phthalate	ND	410	ug/kg	29
Fluoranthene	**8400**	**83**	**ug/kg**	**27**
Fluorene	**8800**	**83**	**ug/kg**	**20**
Hexachlorobenzene	ND	83	ug/kg	25
Hexachlorobutadiene	ND	83	ug/kg	25
Hexachlorocyclopentadiene	ND 410 UJ	410	ug/kg	19
Hexachloroethane	ND	410	ug/kg	18
Indeno(1,2,3-cd)pyrene	**1100**	**83**	**ug/kg**	**15**
Isophorone	ND	410	ug/kg	23
2-Methylnaphthalene	**13000**	**83**	**ug/kg**	**23**
2-Methylphenol	ND	410	ug/kg	26
4-Methylphenol	ND	410	ug/kg	26
Naphthalene	**10000**	**83**	**ug/kg**	**20**
2-Nitroaniline	ND	2100	ug/kg	25
3-Nitroaniline	ND	2100	ug/kg	35
4-Nitroaniline	ND	2100	ug/kg	17
Nitrobenzene	ND	83	ug/kg	10
2-Nitrophenol	ND	410	ug/kg	33
4-Nitrophenol	ND	2100	ug/kg	32
N-Nitrosodi-n-propylamine	ND	83	ug/kg	10
N-Nitrosodiphenylamine	ND	83	ug/kg	22
2,2'-oxybis(1-Chloropropane)	ND	83	ug/kg	25
Pentachlorophenol	ND	410	ug/kg	31
Phenanthrene 32000	~~24000 E~~	**83**	**ug/kg**	**20**
Phenol	ND	83	ug/kg	25
Pyrene	**13000**	**83**	**ug/kg**	**25**
2,4,5-Trichlorophenol	ND	410	ug/kg	34
2,4,6-Trichlorophenol	ND	410	ug/kg	33

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ENSR International

Client Sample ID: SB35(40-41.5)

GC/MS Semivolatiles

Lot-Sample #...: C8K040347-003 Work Order #...: K18D81AL Matrix.....: SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	87	(50 - 124)
2-Fluorobiphenyl	77	(49 - 105)
2-Fluorophenol	75	(39 - 103)
Nitrobenzene-d5	77	(25 - 104)
Phenol-d5	71	(25 - 105)
Terphenyl-d14	82	(25 - 127)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

E Estimated result. Result concentration exceeds the calibration range.

ENSR International

Client Sample ID: SB35(40-41.5) DL

GC/MS Semivolatiles

Lot-Sample #...: C8K040347-003	Work Order #...: K18D82AL	Matrix.....: SO
Date Sampled...: 11/02/08 15:55	Date Received..: 11/04/08 10:00	MS Run #.....: 8319027
Prep Date.....: 11/14/08	Analysis Date..: 11/17/08	
Prep Batch #...: 8319030	Analysis Time..: 03:02	
Dilution Factor: 5	Initial Wgt/Vol: 15 g	Final Wgt/Vol..: 5 mL
% Moisture.....: 19	Analyst ID.....: 003200	Instrument ID..: 731
	Method.....: SW846 8270C	

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	**17000**	**410**	**ug/kg**	**110**
Acenaphthylene	**2000**	**410**	**ug/kg**	**120**
Acetophenone	ND	2000	ug/kg	120
Anthracene	**9800**	**410**	**ug/kg**	**120**
Atrazine	ND	2000	ug/kg	140
Benzo(a)anthracene	**5700**	**410**	**ug/kg**	**81**
Benzo(a)pyrene	**3900**	**410**	**ug/kg**	**63**
Benzo(b)fluoranthene	**3400**	**410**	**ug/kg**	**79**
Benzo(ghi)perylene	**1400**	**410**	**ug/kg**	**70**
Benzo(k)fluoranthene	ND	410	ug/kg	66
Benzaldehyde	ND	2000	ug/kg	220
1,1'-Biphenyl	**3300**	**2000**	**ug/kg**	**110**
bis(2-Chloroethoxy) methane	ND	2000	ug/kg	96
bis(2-Chloroethyl)-ether	ND	410	ug/kg	46
bis(2-Ethylhexyl) phthalate	ND	2000	ug/kg	160
4-Bromophenyl phenyl ether	ND	2000	ug/kg	92
Butyl benzyl phthalate	ND	2000	ug/kg	160
Caprolactam	ND	11000	ug/kg	390
Carbazole	ND	410	ug/kg	84
4-Chloroaniline	ND	2000	ug/kg	180
4-Chloro-3-methylphenol	ND	2000	ug/kg	130
2-Chloronaphthalene	ND	410	ug/kg	120
2-Chlorophenol	ND	2000	ug/kg	100
4-Chlorophenyl phenyl ether	ND	2000	ug/kg	100
Chrysene	**4400**	**410**	**ug/kg**	**81**
Dibenz(a,h)anthracene	**210 J**	**410**	**ug/kg**	**130**
Dibenzofuran	**830 J**	**2000**	**ug/kg**	**110**
3,3'-Dichlorobenzidine	ND	2000	ug/kg	460
2,4-Dichlorophenol	ND	410	ug/kg	61
Diethyl phthalate	ND	2000	ug/kg	180
2,4-Dimethylphenol	ND	2000	ug/kg	88
Dimethyl phthalate	ND	2000	ug/kg	120

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ENSR International

Client Sample ID: SB35(40-41.5) DL

GC/MS Semivolatiles

Lot-Sample #...: C8K040347-003 Work Order #...: K18D82AL Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-butyl phthalate	ND	2000	ug/kg	340
4,6-Dinitro-2-methylphenol	ND	11000	ug/kg	1400
2,4-Dinitrophenol	ND	11000	ug/kg	2400
2,4-Dinitrotoluene	ND	2000	ug/kg	110
2,6-Dinitrotoluene	ND	2000	ug/kg	130
Di-n-octyl phthalate	ND	2000	ug/kg	140
Fluoranthene	**8700**	**410**	**ug/kg**	**130**
Fluorene	**10000**	**410**	**ug/kg**	**99**
Hexachlorobenzene	ND	410	ug/kg	120
Hexachlorobutadiene	ND	410	ug/kg	130
Hexachlorocyclopentadiene	ND	2000	ug/kg	94
Hexachloroethane	ND	2000	ug/kg	92
Indeno(1,2,3-cd)pyrene	**1000**	**410**	**ug/kg**	**73**
Isophorone	ND	2000	ug/kg	110
2-Methylnaphthalene	**16000**	**410**	**ug/kg**	**110**
2-Methylphenol	ND	2000	ug/kg	130
4-Methylphenol	ND	2000	ug/kg	130
Naphthalene	**12000**	**410**	**ug/kg**	**100**
2-Nitroaniline	ND	11000	ug/kg	120
3-Nitroaniline	ND	11000	ug/kg	180
4-Nitroaniline	ND	11000	ug/kg	86
Nitrobenzene	ND	410	ug/kg	51
2-Nitrophenol	ND	2000	ug/kg	160
4-Nitrophenol	ND	11000	ug/kg	160
N-Nitrosodi-n-propylamine	ND	410	ug/kg	50
N-Nitrosodiphenylamine	ND	410	ug/kg	110
2,2'-oxybis(1-Chloropropane)	ND	410	ug/kg	120
Pentachlorophenol	ND	2000	ug/kg	150
Phenanthrene	**32000**	**410**	**ug/kg**	**98**
Phenol	ND	410	ug/kg	120
Pyrene	**15000**	**410**	**ug/kg**	**130**
2,4,5-Trichlorophenol	ND	2000	ug/kg	170
2,4,6-Trichlorophenol	ND	2000	ug/kg	170

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ENSR International

Client Sample ID: SB35(40-41.5)DL

GC/MS Semivolatiles

Lot-Sample #...: C8K040347-003 Work Order #...: K18D82AL Matrix.....: SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	85	(50 - 124)
2-Fluorobiphenyl	89	(49 - 105)
2-Fluorophenol	82	(39 - 103)
Nitrobenzene-d5	82	(25 - 104)
Phenol-d5	86	(25 - 105)
Terphenyl-d14	100	(25 - 127)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

ENSR International

Client Sample ID: SB35(45-47.5)

GC/MS Semivolatiles

Lot-Sample #...: C8K040347-004	Work Order #...: K18D91AL	Matrix.....: SO
Date Sampled...: 11/02/08 16:00	Date Received..: 11/04/08 10:00	MS Run #.....: 8319027
Prep Date.....: 11/14/08	Analysis Date..: 11/15/08	
Prep Batch #...: 8319030	Analysis Time..: 12:46	
Dilution Factor: 1	Initial Wgt/Vol: 15 g	Final Wgt/Vol..: 5 mL
% Moisture.....: 19	Analyst ID.....: 003200	Instrument ID..: 731
	Method.....: SW846 8270C	

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	**45 J**	**83**	**ug/kg**	**21**
Acenaphthylene	**150**	**83**	**ug/kg**	**24**
Acetophenone	ND	410	ug/kg	25
Anthracene	ND	83	ug/kg	23
Atrazine	ND	410	ug/kg	28
Benzo(a)anthracene	ND	83	ug/kg	16
Benzo(a)pyrene	ND	83	ug/kg	13
Benzo(b)fluoranthene	ND	83	ug/kg	16
Benzo(ghi)perylene	ND	83	ug/kg	14
Benzo(k)fluoranthene	ND	83	ug/kg	13
Benzaldehyde	ND	410	ug/kg	43
1,1'-Biphenyl	**70 J**	**410**	**ug/kg**	**23**
bis(2-Chloroethoxy) methane	ND	410	ug/kg	19
bis(2-Chloroethyl)-ether	ND	83	ug/kg	9.2
bis(2-Ethylhexyl) phthalate	ND	410	ug/kg	31
4-Bromophenyl phenyl ether	ND	410	ug/kg	18
Butyl benzyl phthalate	ND	410	ug/kg	33
Caprolactam	ND	2100	ug/kg	77
Carbazole	ND	83	ug/kg	17
4-Chloroaniline	ND	410	ug/kg	35
4-Chloro-3-methylphenol	ND	410	ug/kg	25
2-Chloronaphthalene	ND	83	ug/kg	24
2-Chlorophenol	ND	410	ug/kg	21
4-Chlorophenyl phenyl ether	ND	410	ug/kg	20
Chrysene	ND	83	ug/kg	16
Dibenz(a,h)anthracene	ND	83	ug/kg	26
Dibenzofuran	ND	410	ug/kg	23
3,3'-Dichlorobenzidine	ND	410	ug/kg	92
2,4-Dichlorophenol	ND	83	ug/kg	12
Diethyl phthalate	ND	410	ug/kg	36
2,4-Dimethylphenol	ND	410	ug/kg	18
Dimethyl phthalate	ND	410	ug/kg	23

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ENSR International

Client Sample ID: SB35(45-47.5)

GC/MS Semivolatiles

Lot-Sample #...: C8K040347-004 Work Order #...: K18D91AL Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-butyl phthalate	ND	410	ug/kg	68
4,6-Dinitro-2-methylphenol	ND	2100	ug/kg	290
2,4-Dinitrophenol	ND	2100	ug/kg	480
2,4-Dinitrotoluene	ND	410	ug/kg	21
2,6-Dinitrotoluene	ND	410	ug/kg	26
Di-n-octyl phthalate	ND	410	ug/kg	28
Fluoranthene	ND	83	ug/kg	26
Fluorene	ND	83	ug/kg	20
Hexachlorobenzene	ND	83	ug/kg	25
Hexachlorobutadiene	ND	83	ug/kg	25
Hexachlorocyclopentadiene	ND 4003	410	ug/kg	19
Hexachloroethane	ND	410	ug/kg	18
Indeno(1,2,3-cd)pyrene	ND	83	ug/kg	15
Isophorone	ND	410	ug/kg	23
2-Methylnaphthalene	**36 J**	**83**	**ug/kg**	**23**
2-Methylphenol	ND	410	ug/kg	26
4-Methylphenol	ND	410	ug/kg	26
Naphthalene	**77 J**	**83**	**ug/kg**	**20**
2-Nitroaniline	ND	2100	ug/kg	25
3-Nitroaniline	ND	2100	ug/kg	35
4-Nitroaniline	ND	2100	ug/kg	17
Nitrobenzene	ND	83	ug/kg	10
2-Nitrophenol	ND	410	ug/kg	33
4-Nitrophenol	ND	2100	ug/kg	32
N-Nitrosodi-n-propylamine	ND	83	ug/kg	10
N-Nitrosodiphenylamine	ND	83	ug/kg	22
2,2'-oxybis(1-Chloropropane)	ND	83	ug/kg	25
Pentachlorophenol	ND	410	ug/kg	30
Phenanthrene	**39 J**	**83**	**ug/kg**	**20**
Phenol	ND	83	ug/kg	25
Pyrene	**28 J**	**83**	**ug/kg**	**25**
2,4,5-Trichlorophenol	ND	410	ug/kg	34
2,4,6-Trichlorophenol	ND	410	ug/kg	33

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ENSR International

Client Sample ID: SB35(45-47.5)

GC/MS Semivolatiles

Lot-Sample #...: C8K040347-004 Work Order #...: K18D91AL Matrix.....: SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	79	(50 - 124)
2-Fluorobiphenyl	83	(49 - 105)
2-Fluorophenol	78	(39 - 103)
Nitrobenzene-d5	81	(25 - 104)
Phenol-d5	76	(25 - 105)
Terphenyl-d14	82	(25 - 127)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

ENSR International

Client Sample ID: SB47(18-20.5)

GC/MS Semivolatiles

Lot-Sample #...:	C8K070273-001	Work Order #...:	K2HCH1AD	Matrix.....:	SO
Date Sampled...:	11/04/08 14:00	Date Received..:	11/07/08 09:45	MS Run #.....:	8319027
Prep Date.....:	11/14/08	Analysis Date..:	11/15/08		
Prep Batch #...:	8319030	Analysis Time..:	09:24		
Dilution Factor:	1	Initial Wgt/Vol:	15 g	Final Wgt/Vol..:	5 mL
% Moisture.....:	24	Analyst ID.....:	003200	Instrument ID..:	731
		Method.....:	SW846 8270C		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	**280**	**88**	**ug/kg**	**23**
Acenaphthylene	ND	88	ug/kg	25
Acetophenone	ND	430	ug/kg	26
Anthracene	**60 J**	**88**	**ug/kg**	**25**
Atrazine	ND	430	ug/kg	30
Benzo(a)anthracene	**51 J**	**88**	**ug/kg**	**17**
Benzo(a)pyrene	**34 J**	**88**	**ug/kg**	**13**
Benzo(b)fluoranthene	**49 J**	**88**	**ug/kg**	**17**
Benzo(ghi)perylene	ND	88	ug/kg	15
Benzo(k)fluoranthene	ND	88	ug/kg	14
Benzaldehyde	ND	430	ug/kg	46
1,1'-Biphenyl	**38 J**	**430**	**ug/kg**	**24**
bis(2-Chloroethoxy) methane	ND	430	ug/kg	20
bis(2-Chloroethyl)-ether	ND	88	ug/kg	9.8
bis(2-Ethylhexyl) phthalate	**430**	**430**	**ug/kg**	**33**
4-Bromophenyl phenyl ether	ND	430	ug/kg	19
Butyl benzyl phthalate	ND	430	ug/kg	35
Caprolactam	ND	2200	ug/kg	82
Carbazole	**110**	**88**	**ug/kg**	**18**
4-Chloroaniline	ND	430	ug/kg	37
4-Chloro-3-methylphenol	ND	430	ug/kg	26
2-Chloronaphthalene	ND	88	ug/kg	25
2-Chlorophenol	ND	430	ug/kg	22
4-Chlorophenyl phenyl ether	ND	430	ug/kg	21
Chrysene	**42 J**	**88**	**ug/kg**	**17**
Dibenz(a,h)anthracene	ND	88	ug/kg	28
Dibenzofuran	**100 J**	**430**	**ug/kg**	**24**
3,3'-Dichlorobenzidine	ND	430	ug/kg	97
2,4-Dichlorophenol	ND	88	ug/kg	13
Diethyl phthalate	ND	430	ug/kg	39
2,4-Dimethylphenol	ND	430	ug/kg	19
Dimethyl phthalate	ND	430	ug/kg	25

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ENSR International

Client Sample ID: SB47(18-20.5)

GC/MS Semivolatiles

Lot-Sample #...: C8K070273-001 Work Order #...: K2HCH1AD Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-butyl phthalate	ND	430	ug/kg	72
4,6-Dinitro-2-methylphenol	ND	2200	ug/kg	310
2,4-Dinitrophenol	ND	2200	ug/kg	510
2,4-Dinitrotoluene	ND	430	ug/kg	22
2,6-Dinitrotoluene	ND	430	ug/kg	28
Di-n-octyl phthalate	ND	430	ug/kg	30
Fluoranthene	**82 J**	**88**	**ug/kg**	**28**
Fluorene	**150**	**88**	**ug/kg**	**21**
Hexachlorobenzene	ND	88	ug/kg	26
Hexachlorobutadiene	ND	88	ug/kg	27
Hexachlorocyclopentadiene	ND 4300 J	430	ug/kg	20
Hexachloroethane	ND	430	ug/kg	19
Indeno(1,2,3-cd)pyrene	**16 J**	**88**	**ug/kg**	**15**
Isophorone	ND	430	ug/kg	24
2-Methylnaphthalene	**630**	**88**	**ug/kg**	**24**
2-Methylphenol	ND	430	ug/kg	27
4-Methylphenol	ND	430	ug/kg	27
Naphthalene	**3100**	**88**	**ug/kg**	**21**
2-Nitroaniline	ND	2200	ug/kg	26
3-Nitroaniline	ND	2200	ug/kg	37
4-Nitroaniline	ND	2200	ug/kg	18
Nitrobenzene	ND	88	ug/kg	11
2-Nitrophenol	ND	430	ug/kg	34
4-Nitrophenol	ND	2200	ug/kg	34
N-Nitrosodi-n-propylamine	ND	88	ug/kg	11
N-Nitrosodiphenylamine	ND	88	ug/kg	23
2,2'-oxybis(1-Chloropropane)	ND	88	ug/kg	26
Pentachlorophenol	ND	430	ug/kg	32
Phenanthrene	**170**	**88**	**ug/kg**	**21**
Phenol	ND	88	ug/kg	26
Pyrene	**72 J**	**88**	**ug/kg**	**27**
2,4,5-Trichlorophenol	ND	430	ug/kg	36
2,4,6-Trichlorophenol	ND	430	ug/kg	35

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ENSR International

Client Sample ID: SB47(18-20.5)

GC/MS Semivolatiles

Lot-Sample #...: C8K070273-001 **Work Order #...:** K2HCH1AD **Matrix.....:** SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	79	(50 - 124)
2-Fluorobiphenyl	79	(49 - 105)
2-Fluorophenol	78	(39 - 103)
Nitrobenzene-d5	81	(25 - 104)
Phenol-d5	78	(25 - 105)
Terphenyl-d14	76	(25 - 127)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

ENSR International

Client Sample ID: SB47(38-40)

GC/MS Semivolatiles

Lot-Sample #...:	C8K070273-002	Work Order #...:	K2HCQ1AL	Matrix.....:	SO
Date Sampled...:	11/04/08 14:30	Date Received..:	11/07/08 09:45	MS Run #.....:	8319027
Prep Date.....:	11/14/08	Analysis Date..:	11/15/08		
Prep Batch #...:	8319030	Analysis Time..:	09:45		
Dilution Factor:	1	Initial Wgt/Vol:	15 g	Final Wgt/Vol..:	5 mL
% Moisture.....:	20	Analyst ID.....:	003200	Instrument ID..:	731
		Method.....:	SW846 8270C		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	**240**	**83**	**ug/kg**	**21**
Acenaphthylene	**43 J**	**83**	**ug/kg**	**24**
Acetophenone	ND	410	ug/kg	25
Anthracene	ND	83	ug/kg	23
Atrazine	ND	410	ug/kg	28
Benzo(a)anthracene	ND	83	ug/kg	16
Benzo(a)pyrene	ND	83	ug/kg	13
Benzo(b)fluoranthene	ND	83	ug/kg	16
Benzo(ghi)perylene	ND	83	ug/kg	14
Benzo(k)fluoranthene	ND	83	ug/kg	13
Benzaldehyde	ND	410	ug/kg	44
1,1'-Biphenyl	ND	410	ug/kg	23
bis(2-Chloroethoxy) methane	ND	410	ug/kg	19
bis(2-Chloroethyl)-ether	ND	83	ug/kg	9.3
bis(2-Ethylhexyl) phthalate	**97 J**	**410**	**ug/kg**	**32**
4-Bromophenyl phenyl ether	ND	410	ug/kg	18
Butyl benzyl phthalate	ND	410	ug/kg	33
Caprolactam	ND	2100	ug/kg	78
Carbazole	**130**	**83**	**ug/kg**	**17**
4-Chloroaniline	ND	410	ug/kg	35
4-Chloro-3-methylphenol	ND	410	ug/kg	25
2-Chloronaphthalene	ND	83	ug/kg	24
2-Chlorophenol	ND	410	ug/kg	21
4-Chlorophenyl phenyl ether	ND	410	ug/kg	20
Chrysene	ND	83	ug/kg	16
Dibenz(a,h)anthracene	ND	83	ug/kg	26
Dibenzofuran	**96 J**	**410**	**ug/kg**	**23**
3,3'-Dichlorobenzidine	ND	410	ug/kg	93
2,4-Dichlorophenol	ND	83	ug/kg	12
Diethyl phthalate	ND	410	ug/kg	37
2,4-Dimethylphenol	ND	410	ug/kg	18
Dimethyl phthalate	ND	410	ug/kg	23

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ENSR International

Client Sample ID: SB47(38-40)

GC/MS Semivolatiles

Lot-Sample #...: C8K070273-002 Work Order #...: K2HCQ1AL Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-butyl phthalate	ND	410	ug/kg	68
4,6-Dinitro-2-methylphenol	ND	2100	ug/kg	290
2,4-Dinitrophenol	ND	2100	ug/kg	490
2,4-Dinitrotoluene	ND	410	ug/kg	21
2,6-Dinitrotoluene	ND	410	ug/kg	27
Di-n-octyl phthalate	ND	410	ug/kg	29
Fluoranthene	ND	83	ug/kg	27
Fluorene	**140**	**83**	**ug/kg**	**20**
Hexachlorobenzene	ND	83	ug/kg	25
Hexachlorobutadiene	ND	83	ug/kg	25
Hexachlorocyclopentadiene	ND 410 U J	410	ug/kg	19
Hexachloroethane	ND	410	ug/kg	18
Indeno(1,2,3-cd)pyrene	ND	83	ug/kg	15
Isophorone	ND	410	ug/kg	23
2-Methylnaphthalene	ND	83	ug/kg	23
2-Methylphenol	ND	410	ug/kg	26
4-Methylphenol	ND	410	ug/kg	26
Naphthalene	**230**	**83**	**ug/kg**	**20**
2-Nitroaniline	ND	2100	ug/kg	25
3-Nitroaniline	ND	2100	ug/kg	35
4-Nitroaniline	ND	2100	ug/kg	17
Nitrobenzene	ND	83	ug/kg	10
2-Nitrophenol	ND	410	ug/kg	33
4-Nitrophenol	ND	2100	ug/kg	32
N-Nitrosodi-n-propylamine	ND	83	ug/kg	10
N-Nitrosodiphenylamine	ND	83	ug/kg	22
2,2'-oxybis(1-Chloropropane)	ND	83	ug/kg	25
Pentachlorophenol	ND	410	ug/kg	31
Phenanthrene	ND	83	ug/kg	20
Phenol	ND	83	ug/kg	25
Pyrene	ND	83	ug/kg	25
2,4,5-Trichlorophenol	ND	410	ug/kg	34
2,4,6-Trichlorophenol	ND	410	ug/kg	33

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ENSR International

Client Sample ID: SB47(38-40)

GC/MS Semivolatiles

Lot-Sample #...: C8K070273-002 Work Order #...: K2HCQ1AL Matrix.....: SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	78	(50 - 124)
2-Fluorobiphenyl	79	(49 - 105)
2-Fluorophenol	76	(39 - 103)
Nitrobenzene-d5	78	(25 - 104)
Phenol-d5	74	(25 - 105)
Terphenyl-d14	82	(25 - 127)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

ENSR International

Client Sample ID: SB44(38-40)

GC/MS Semivolatiles

Lot-Sample #...:	C8K070273-003	Work Order #...:	K2HCW1AL	Matrix.....:	SO
Date Sampled...:	11/05/08 13:30	Date Received..:	11/07/08 09:45	MS Run #.....:	8319027
Prep Date.....:	11/14/08	Analysis Date..:	11/15/08		
Prep Batch #...:	8319030	Analysis Time..:	10:05		
Dilution Factor:	100	Initial Wgt/Vol:	15 g	Final Wgt/Vol..:	5 mL
% Moisture.....:	17	Analyst ID.....:	003200	Instrument ID..:	731
		Method.....:	SW846 8270C		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	**460000**	**8100**	**ug/kg**	**2100**
Acenaphthylene	**84000**	**8100**	**ug/kg**	**2300**
Acetophenone	ND	40000	ug/kg	2400
Anthracene	**220000**	**8100**	**ug/kg**	**2300**
Atrazine	ND	40000	ug/kg	2700
Benzo(a)anthracene	**130000**	**8100**	**ug/kg**	**1600**
Benzo(a)pyrene	**85000**	**8100**	**ug/kg**	**1200**
Benzo(b)fluoranthene	**78000**	**8100**	**ug/kg**	**1500**
Benzo(ghi)perylene	**32000**	**8100**	**ug/kg**	**1400**
Benzo(k)fluoranthene	ND	8100	ug/kg	1300
Benzaldehyde	ND	40000	ug/kg	4200
1,1'-Biphenyl	**98000**	**40000**	**ug/kg**	**2200**
bis(2-Chloroethoxy) methane	ND	40000	ug/kg	1900
bis(2-Chloroethyl)-ether	ND	8100	ug/kg	900
bis(2-Ethylhexyl) phthalate	ND	40000	ug/kg	3100
4-Bromophenyl phenyl ether	ND	40000	ug/kg	1800
Butyl benzyl phthalate	ND	40000	ug/kg	3200
Caprolactam	ND	200000	ug/kg	7500
Carbazole	**4600 J**	**8100**	**ug/kg**	**1600**
4-Chloroaniline	ND	40000	ug/kg	3400
4-Chloro-3-methylphenol	ND	40000	ug/kg	2400
2-Chloronaphthalene	ND	8100	ug/kg	2300
2-Chlorophenol	ND	40000	ug/kg	2000
4-Chlorophenyl phenyl ether	ND	40000	ug/kg	2000
Chrysene	**110000**	**8100**	**ug/kg**	**1600**
Dibenz(a,h)anthracene	**8200**	**8100**	**ug/kg**	**2500**
Dibenzofuran	**23000 J**	**40000**	**ug/kg**	**2200**
3,3'-Dichlorobenzidine	ND	40000	ug/kg	9000
2,4-Dichlorophenol	ND	8100	ug/kg	1200
Diethyl phthalate	ND	40000	ug/kg	3600
2,4-Dimethylphenol	ND	40000	ug/kg	1700
Dimethyl phthalate	ND	40000	ug/kg	2300

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ENSR International

Client Sample ID: SB44(38-40)

GC/MS Semivolatiles

Lot-Sample #...: C8K070273-003 Work Order #...: K2HCW1AL Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-butyl phthalate	ND	40000	ug/kg	6600
4,6-Dinitro-2-methylphenol	ND	200000	ug/kg	28000
2,4-Dinitrophenol	ND	200000	ug/kg	47000
2,4-Dinitrotoluene	ND	40000	ug/kg	2100
2,6-Dinitrotoluene	ND	40000	ug/kg	2600
Di-n-octyl phthalate	ND	40000	ug/kg	2800
Fluoranthene	**220000**	**8100**	**ug/kg**	**2600**
Fluorene	**250000**	**8100**	**ug/kg**	**1900**
Hexachlorobenzene	ND	8100	ug/kg	2400
Hexachlorobutadiene	ND	8100	ug/kg	2400
Hexachlorocyclopentadiene	ND 40000 U	40000	ug/kg	1800
Hexachloroethane	ND	40000	ug/kg	1800
Indeno(1,2,3-cd)pyrene	**23000**	**8100**	**ug/kg**	**1400**
Isophorone	ND	40000	ug/kg	2200
2-Methylnaphthalene	**790000**	**8100**	**ug/kg**	**2200**
2-Methylphenol	ND	40000	ug/kg	2500
4-Methylphenol	ND	40000	ug/kg	2500
Naphthalene 1700000 ~~1700000 B~~		**8100**	**ug/kg**	**1900**
2-Nitroaniline	ND	200000	ug/kg	2400
3-Nitroaniline	ND	200000	ug/kg	3400
4-Nitroaniline	ND	200000	ug/kg	1700
Nitrobenzene	ND	8100	ug/kg	990
2-Nitrophenol	ND	40000	ug/kg	3200
4-Nitrophenol	ND	200000	ug/kg	3100
N-Nitrosodi-n-propylamine	ND	8100	ug/kg	980
N-Nitrosodiphenylamine	ND	8100	ug/kg	2200
2,2'-oxybis (1-Chloropropane)	ND	8100	ug/kg	2400
Pentachlorophenol	ND	40000	ug/kg	3000
Phenanthrene	**730000**	**8100**	**ug/kg**	**1900**
Phenol	ND	8100	ug/kg	2400
Pyrene	**310000**	**8100**	**ug/kg**	**2400**
2,4,5-Trichlorophenol	ND	40000	ug/kg	3300
2,4,6-Trichlorophenol	ND	40000	ug/kg	3200

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ENSR International

Client Sample ID: SB44(38-40)

GC/MS Semivolatiles

Lot-Sample #...: C8K070273-003 Work Order #...: K2HCW1AL Matrix.....: SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	NC,DIL	(50 - 124)
2-Fluorobiphenyl	NC,DIL	(49 - 105)
2-Fluorophenol	NC,DIL	(39 - 103)
Nitrobenzene-d5	NC,DIL	(25 - 104)
Phenol-d5	NC,DIL	(25 - 105)
Terphenyl-d14	NC,DIL	(25 - 127)

NOTE(S):

NC The recovery and/or RPD were not calculated.

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.

E Estimated result. Result concentration exceeds the calibration range.

ENSR International

Client Sample ID: SB44(38-40)

GC/MS Semivolatiles

Lot-Sample #...:	C8K070273-003	Work Order #...:	K2HCW2AL	Matrix.....:	SO
Date Sampled...:	11/05/08 13:30	Date Received..:	11/07/08 09:45	MS Run #.....:	8319027
Prep Date.....:	11/14/08	Analysis Date..:	11/15/08		
Prep Batch #...:	8319030	Analysis Time..:	15:06		
Dilution Factor:	400	Initial Wgt/Vol:	15 g	Final Wgt/Vol..:	5 mL
% Moisture.....:	17	Analyst ID.....:	003200	Instrument ID..:	731
		Method.....:	SW846 8270C		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	**480000**	**32000**	**ug/kg**	**8300**
Acenaphthylene	**93000**	**32000**	**ug/kg**	**9300**
Acetophenone	ND	160000	ug/kg	9700
Anthracene	**220000**	**32000**	**ug/kg**	**9100**
Atrazine	ND	160000	ug/kg	11000
Benzo(a)anthracene	**140000**	**32000**	**ug/kg**	**6300**
Benzo(a)pyrene	**85000**	**32000**	**ug/kg**	**4900**
Benzo(b)fluoranthene	**76000**	**32000**	**ug/kg**	**6100**
Benzo(ghi)perylene	**33000**	**32000**	**ug/kg**	**5400**
Benzo(k)fluoranthene	ND	32000	ug/kg	5100
Benzaldehyde	ND	160000	ug/kg	17000
1,1'-Biphenyl	**97000 J**	**160000**	**ug/kg**	**8800**
bis(2-Chloroethoxy) methane	ND	160000	ug/kg	7400
bis(2-Chloroethyl)-ether	ND	32000	ug/kg	3600
bis(2-Ethylhexyl) phthalate	ND	160000	ug/kg	12000
4-Bromophenyl phenyl ether	ND	160000	ug/kg	7200
Butyl benzyl phthalate	ND	160000	ug/kg	13000
Caprolactam	ND	820000	ug/kg	30000
Carbazole	ND	32000	ug/kg	6500
4-Chloroaniline	ND	160000	ug/kg	14000
4-Chloro-3-methylphenol	ND	160000	ug/kg	9700
2-Chloronaphthalene	ND	32000	ug/kg	9200
2-Chlorophenol	ND	160000	ug/kg	8000
4-Chlorophenyl phenyl ether	ND	160000	ug/kg	7900
Chrysene	**99000**	**32000**	**ug/kg**	**6300**
Dibenz(a,h)anthracene	ND	32000	ug/kg	10000
Dibenzofuran	**25000 J**	**160000**	**ug/kg**	**8800**
3,3'-Dichlorobenzidine	ND	160000	ug/kg	36000
2,4-Dichlorophenol	ND	32000	ug/kg	4800
Diethyl phthalate	ND	160000	ug/kg	14000
2,4-Dimethylphenol	ND	160000	ug/kg	6900
Dimethyl phthalate	ND	160000	ug/kg	9000

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ENSR International

Client Sample ID: SB44(38-40)

GC/MS Semivolatiles

Lot-Sample #...: C8K070273-003 Work Order #...: K2HCW2AL Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-butyl phthalate	ND	160000	ug/kg	26000
4,6-Dinitro-2-methylphenol	ND	820000	ug/kg	110000
2,4-Dinitrophenol	ND	820000	ug/kg	190000
2,4-Dinitrotoluene	ND	160000	ug/kg	8200
2,6-Dinitrotoluene	ND	160000	ug/kg	10000
Di-n-octyl phthalate	ND	160000	ug/kg	11000
Fluoranthene	**220000**	**32000**	**ug/kg**	**10000**
Fluorene	**260000**	**32000**	**ug/kg**	**7700**
Hexachlorobenzene	ND	32000	ug/kg	9600
Hexachlorobutadiene	ND	32000	ug/kg	9800
Hexachlorocyclopentadiene	ND	160000	ug/kg	7300
Hexachloroethane	ND	160000	ug/kg	7100
Indeno(1,2,3-cd)pyrene	**24000 J**	**32000**	**ug/kg**	**5700**
Isophorone	ND	160000	ug/kg	8900
2-Methylnaphthalene	**820000**	**32000**	**ug/kg**	**8800**
2-Methylphenol	ND	160000	ug/kg	10000
4-Methylphenol	ND	160000	ug/kg	10000
Naphthalene	**1900000**	**32000**	**ug/kg**	**7700**
2-Nitroaniline	ND	820000	ug/kg	9600
3-Nitroaniline	ND	820000	ug/kg	14000
4-Nitroaniline	ND	820000	ug/kg	6700
Nitrobenzene	ND	32000	ug/kg	4000
2-Nitrophenol	ND	160000	ug/kg	13000
4-Nitrophenol	ND	820000	ug/kg	12000
N-Nitrosodi-n-propylamine	ND	32000	ug/kg	3900
N-Nitrosodiphenylamine	ND	32000	ug/kg	8600
2,2'-oxybis (1-Chloropropane)	ND	32000	ug/kg	9600
Pentachlorophenol	ND	160000	ug/kg	12000
Phenanthrene	**760000**	**32000**	**ug/kg**	**7600**
Phenol	ND	32000	ug/kg	9600
Pyrene	**310000**	**32000**	**ug/kg**	**9800**
2,4,5-Trichlorophenol	ND	160000	ug/kg	13000
2,4,6-Trichlorophenol	ND	160000	ug/kg	13000

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ENSR International

Client Sample ID: SB44(38-40)

GC/MS Semivolatiles

Lot-Sample #...: C8K070273-003 Work Order #...: K2HCW2AL Matrix.....: SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	NC,DIL	(50 - 124)
2-Fluorobiphenyl	NC,DIL	(49 - 105)
2-Fluorophenol	NC,DIL	(39 - 103)
Nitrobenzene-d5	NC,DIL	(25 - 104)
Phenol-d5	NC,DIL	(25 - 105)
Terphenyl-d14	NC,DIL	(25 - 127)

NOTE(S):

NC The recovery and/or RPD were not calculated.

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.

ENSR International

Client Sample ID: SB440(38-40)

GC/MS Semivolatiles

Lot-Sample #...:	C8K070273-004	Work Order #...:	K2HC21AL	Matrix.....:	SO
Date Sampled...:	11/05/08 13:35	Date Received..:	11/07/08 09:45	MS Run #.....:	8319027
Prep Date.....:	11/14/08	Analysis Date..:	11/15/08		
Prep Batch #...:	8319030	Analysis Time..:	10:25		
Dilution Factor:	100	Initial Wgt/Vol:	15 g	Final Wgt/Vol..:	5 mL
% Moisture.....:	17	Analyst ID.....:	003200	Instrument ID..:	731
		Method.....:	SW846 8270C		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	**420000**	**8100**	**ug/kg**	**2100**
Acenaphthylene	**77000**	**8100**	**ug/kg**	**2300**
Acetophenone	ND	40000	ug/kg	2400
Anthracene	**210000**	**8100**	**ug/kg**	**2300**
Atrazine	ND	40000	ug/kg	2800
Benzo(a)anthracene	**120000**	**8100**	**ug/kg**	**1600**
Benzo(a)pyrene	**78000**	**8100**	**ug/kg**	**1200**
Benzo(b)fluoranthene	**72000**	**8100**	**ug/kg**	**1500**
Benzo(ghi)perylene	**29000**	**8100**	**ug/kg**	**1400**
Benzo(k)fluoranthene	ND	8100	ug/kg	1300
Benzaldehyde	ND	40000	ug/kg	4200
1,1'-Biphenyl	**88000**	**40000**	**ug/kg**	**2200**
bis(2-Chloroethoxy) methane	ND	40000	ug/kg	1900
bis(2-Chloroethyl)-ether	ND	8100	ug/kg	900
bis(2-Ethylhexyl) phthalate	ND	40000	ug/kg	3100
4-Bromophenyl phenyl ether	ND	40000	ug/kg	1800
Butyl benzyl phthalate	ND	40000	ug/kg	3200
Caprolactam	ND	200000	ug/kg	7600
Carbazole	**4100 J**	**8100**	**ug/kg**	**1600**
4-Chloroaniline	ND	40000	ug/kg	3400
4-Chloro-3-methylphenol	ND	40000	ug/kg	2400
2-Chloronaphthalene	ND	8100	ug/kg	2300
2-Chlorophenol	ND	40000	ug/kg	2000
4-Chlorophenyl phenyl ether	ND	40000	ug/kg	2000
Chrysene	**90000**	**8100**	**ug/kg**	**1600**
Dibenz(a,h)anthracene	**7700 J**	**8100**	**ug/kg**	**2500**
Dibenzofuran	**22000 J**	**40000**	**ug/kg**	**2200**
3,3'-Dichlorobenzidine	ND	40000	ug/kg	9000
2,4-Dichlorophenol	ND	8100	ug/kg	1200
Diethyl phthalate	ND	40000	ug/kg	3600
2,4-Dimethylphenol	ND	40000	ug/kg	1700
Dimethyl phthalate	ND	40000	ug/kg	2300

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ENSR International

Client Sample ID: SB440(38-40)

GC/MS Semivolatiles

Lot-Sample #...: C8K070273-004 Work Order #...: K2HC21AL Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-butyl phthalate	ND	40000	ug/kg	6600
4,6-Dinitro-2-methylphenol	ND	200000	ug/kg	28000
2,4-Dinitrophenol	ND	200000	ug/kg	47000
2,4-Dinitrotoluene	ND	40000	ug/kg	2100
2,6-Dinitrotoluene	ND	40000	ug/kg	2600
Di-n-octyl phthalate	ND	40000	ug/kg	2800
Fluoranthene	**210000**	**8100**	**ug/kg**	**2600**
Fluorene	**240000**	**8100**	**ug/kg**	**1900**
Hexachlorobenzene	ND	8100	ug/kg	2400
Hexachlorobutadiene	ND	8100	ug/kg	2400
Hexachlorocyclopentadiene	ND 40000 U J	40000	ug/kg	1800
Hexachloroethane	ND	40000	ug/kg	1800
Indeno(1,2,3-cd)pyrene	**22000**	**8100**	**ug/kg**	**1400**
Isophorone	ND	40000	ug/kg	2200
2-Methylnaphthalene	**750000**	**8100**	**ug/kg**	**2200**
2-Methylphenol	ND	40000	ug/kg	2500
4-Methylphenol	ND	40000	ug/kg	2500
Naphthalene 1800000	~~1600000 E~~	**8100**	**ug/kg**	**1900**
2-Nitroaniline	ND	200000	ug/kg	2400
3-Nitroaniline	ND	200000	ug/kg	3400
4-Nitroaniline	ND	200000	ug/kg	1700
Nitrobenzene	ND	8100	ug/kg	990
2-Nitrophenol	ND	40000	ug/kg	3200
4-Nitrophenol	ND	200000	ug/kg	3100
N-Nitrosodi-n-propylamine	ND	8100	ug/kg	980
N-Nitrosodiphenylamine	ND	8100	ug/kg	2200
2,2'-oxybis(1-Chloropropane)	ND	8100	ug/kg	2400
Pentachlorophenol	ND	40000	ug/kg	3000
Phenanthrene	**680000**	**8100**	**ug/kg**	**1900**
Phenol	ND	8100	ug/kg	2400
Pyrene	**280000**	**8100**	**ug/kg**	**2400**
2,4,5-Trichlorophenol	ND	40000	ug/kg	3300
2,4,6-Trichlorophenol	ND	40000	ug/kg	3200

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ENSR International

Client Sample ID: SB440(38-40)

GC/MS Semivolatiles

Lot-Sample #...: C8K070273-004 Work Order #...: K2HC21AL Matrix.....: SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	NC,DIL	(50 - 124)
2-Fluorobiphenyl	NC,DIL	(49 - 105)
2-Fluorophenol	NC,DIL	(39 - 103)
Nitrobenzene-d5	NC,DIL	(25 - 104)
Phenol-d5	NC,DIL	(25 - 105)
Terphenyl-d14	NC,DIL	(25 - 127)

NOTE(S):

NC The recovery and/or RPD were not calculated.

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.

E Estimated result. Result concentration exceeds the calibration range.

ENSR International

Client Sample ID: SB440(38-40)

GC/MS Semivolatiles

Lot-Sample #...:	C8K070273-004	Work Order #...:	K2HC22AL	Matrix.....:	SO
Date Sampled...:	11/05/08 13:35	Date Received..:	11/07/08 09:45	MS Run #.....:	8319027
Prep Date.....:	11/14/08	Analysis Date..:	11/15/08		
Prep Batch #...:	8319030	Analysis Time..:	15:26		
Dilution Factor:	400	Initial Wgt/Vol:	15 g	Final Wgt/Vol..:	5 mL
% Moisture.....:	17	Analyst ID.....:	003200	Instrument ID..:	731
		Method.....:	SW846 8270C		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	**450000**	**32000**	**ug/kg**	**8300**
Acenaphthylene	**88000**	**32000**	**ug/kg**	**9300**
Acetophenone	ND	160000	ug/kg	9700
Anthracene	**220000**	**32000**	**ug/kg**	**9100**
Atrazine	ND	160000	ug/kg	11000
Benzo(a)anthracene	**120000**	**32000**	**ug/kg**	**6300**
Benzo(a)pyrene	**81000**	**32000**	**ug/kg**	**4900**
Benzo(b)fluoranthene	**72000**	**32000**	**ug/kg**	**6100**
Benzo(ghi)perylene	**30000 J**	**32000**	**ug/kg**	**5400**
Benzo(k)fluoranthene	ND	32000	ug/kg	5100
Benzaldehyde	ND	160000	ug/kg	17000
1,1'-Biphenyl	**94000 J**	**160000**	**ug/kg**	**8800**
bis(2-Chloroethoxy) methane	ND	160000	ug/kg	7400
bis(2-Chloroethyl)-ether	ND	32000	ug/kg	3600
bis(2-Ethylhexyl) phthalate	ND	160000	ug/kg	12000
4-Bromophenyl phenyl ether	ND	160000	ug/kg	7200
Butyl benzyl phthalate	ND	160000	ug/kg	13000
Caprolactam	ND	820000	ug/kg	30000
Carbazole	ND	32000	ug/kg	6600
4-Chloroaniline	ND	160000	ug/kg	14000
4-Chloro-3-methylphenol	ND	160000	ug/kg	9700
2-Chloronaphthalene	ND	32000	ug/kg	9200
2-Chlorophenol	ND	160000	ug/kg	8000
4-Chlorophenyl phenyl ether	ND	160000	ug/kg	7900
Chrysene	**93000**	**32000**	**ug/kg**	**6300**
Dibenz(a,h)anthracene	ND	32000	ug/kg	10000
Dibenzofuran	**24000 J**	**160000**	**ug/kg**	**8800**
3,3'-Dichlorobenzidine	ND	160000	ug/kg	36000
2,4-Dichlorophenol	ND	32000	ug/kg	4800
Diethyl phthalate	ND	160000	ug/kg	14000
2,4-Dimethylphenol	ND	160000	ug/kg	6900
Dimethyl phthalate	ND	160000	ug/kg	9000

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ENSR International

Client Sample ID: SB440(38-40)

GC/MS Semivolatiles

Lot-Sample #...: C8K070273-004 Work Order #...: K2HC22AL Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-butyl phthalate	ND	160000	ug/kg	26000
4,6-Dinitro-2-methylphenol	ND	820000	ug/kg	110000
2,4-Dinitrophenol	ND	820000	ug/kg	190000
2,4-Dinitrotoluene	ND	160000	ug/kg	8300
2,6-Dinitrotoluene	ND	160000	ug/kg	10000
Di-n-octyl phthalate	ND	160000	ug/kg	11000
Fluoranthene	**220000**	**32000**	**ug/kg**	**10000**
Fluorene	**250000**	**32000**	**ug/kg**	**7700**
Hexachlorobenzene	ND	32000	ug/kg	9600
Hexachlorobutadiene	ND	32000	ug/kg	9800
Hexachlorocyclopentadiene	ND	160000	ug/kg	7300
Hexachloroethane	ND	160000	ug/kg	7100
Indeno(1,2,3-cd)pyrene	**23000 J**	**32000**	**ug/kg**	**5700**
Isophorone	ND	160000	ug/kg	8900
2-Methylnaphthalene	**780000**	**32000**	**ug/kg**	**8800**
2-Methylphenol	ND	160000	ug/kg	10000
4-Methylphenol	ND	160000	ug/kg	10000
Naphthalene	**1800000**	**32000**	**ug/kg**	**7700**
2-Nitroaniline	ND	820000	ug/kg	9600
3-Nitroaniline	ND	820000	ug/kg	14000
4-Nitroaniline	ND	820000	ug/kg	6700
Nitrobenzene	ND	32000	ug/kg	4000
2-Nitrophenol	ND	160000	ug/kg	13000
4-Nitrophenol	ND	820000	ug/kg	12000
N-Nitrosodi-n-propylamine	ND	32000	ug/kg	3900
N-Nitrosodiphenylamine	ND	32000	ug/kg	8700
2,2'-oxybis(1-Chloropropane)	ND	32000	ug/kg	9600
Pentachlorophenol	ND	160000	ug/kg	12000
Phenanthrene	**730000**	**32000**	**ug/kg**	**7700**
Phenol	ND	32000	ug/kg	9600
Pyrene	**290000**	**32000**	**ug/kg**	**9800**
2,4,5-Trichlorophenol	ND	160000	ug/kg	13000
2,4,6-Trichlorophenol	ND	160000	ug/kg	13000

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ENSR International

Client Sample ID: SB440(38-40)

GC/MS Semivolatiles

Lot-Sample #...: C8K070273-004 Work Order #...: K2HC22AL Matrix.....: SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	NC,DIL	(50 - 124)
2-Fluorobiphenyl	NC,DIL	(49 - 105)
2-Fluorophenol	NC,DIL	(39 - 103)
Nitrobenzene-d5	NC,DIL	(25 - 104)
Phenol-d5	NC,DIL	(25 - 105)
Terphenyl-d14	NC,DIL	(25 - 127)

NOTE(S):

NC The recovery and/or RPD were not calculated.

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.

ENSR International

Client Sample ID: SB44(52.5-55)

GC/MS Semivolatiles

Lot-Sample #...:	C8K070273-005	**Work Order #...:**	K2HC71A7	**Matrix.....:**	SO
Date Sampled...:	11/05/08 14:00	**Date Received..:**	11/07/08 09:45	**MS Run #.....:**	8319027
Prep Date.....:	11/14/08	**Analysis Date..:**	11/15/08		
Prep Batch #...:	8319030	**Analysis Time..:**	10:45		
Dilution Factor:	1	**Initial Wgt/Vol:**	15 g	**Final Wgt/Vol..:**	5 mL
% Moisture.....:	16	**Analyst ID.....:**	003200	**Instrument ID..:**	731
		Method.....:	SW846 8270C		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	79	ug/kg	20
Acenaphthylene	ND	79	ug/kg	23
Acetophenone	ND	390	ug/kg	24
Anthracene	ND	79	ug/kg	22
Atrazine	ND	390	ug/kg	27
Benzo(a)anthracene	ND	79	ug/kg	16
Benzo(a)pyrene	ND	79	ug/kg	12
Benzo(b)fluoranthene	ND	79	ug/kg	15
Benzo(ghi)perylene	ND	79	ug/kg	13
Benzo(k)fluoranthene	ND	79	ug/kg	13
Benzaldehyde	ND	390	ug/kg	42
1,1'-Biphenyl	**27 J**	**390**	**ug/kg**	**22**
bis(2-Chloroethoxy) methane	ND	390	ug/kg	18
bis(2-Chloroethyl)-ether	ND	79	ug/kg	8.8
bis(2-Ethylhexyl) phthalate	**97 J**	**390**	**ug/kg**	**30**
4-Bromophenyl phenyl ether	ND	390	ug/kg	18
Butyl benzyl phthalate	ND	390	ug/kg	32
Caprolactam	ND	2000	ug/kg	74
Carbazole	ND	79	ug/kg	16
4-Chloroaniline	ND	390	ug/kg	34
4-Chloro-3-methylphenol	ND	390	ug/kg	24
2-Chloronaphthalene	ND	79	ug/kg	23
2-Chlorophenol	ND	390	ug/kg	20
4-Chlorophenyl phenyl ether	ND	390	ug/kg	19
Chrysene	ND	79	ug/kg	16
Dibenz(a,h)anthracene	ND	79	ug/kg	25
Dibenzofuran	ND	390	ug/kg	22
3,3'-Dichlorobenzidine	ND	390	ug/kg	88
2,4-Dichlorophenol	ND	79	ug/kg	12
Diethyl phthalate	ND	390	ug/kg	35
2,4-Dimethylphenol	ND	390	ug/kg	17
Dimethyl phthalate	ND	390	ug/kg	22

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ENSR International

Client Sample ID: SB44(52.5-55)

GC/MS Semivolatiles

Lot-Sample #...: C8K070273-005 Work Order #...: K2HC71A7 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-butyl phthalate	ND	390	ug/kg	65
4,6-Dinitro-2-methylphenol	ND	2000	ug/kg	280
2,4-Dinitrophenol	ND	2000	ug/kg	460
2,4-Dinitrotoluene	ND	390	ug/kg	20
2,6-Dinitrotoluene	ND	390	ug/kg	25
Di-n-octyl phthalate	ND	390	ug/kg	27
Fluoranthene	ND	79	ug/kg	25
Fluorene	ND	79	ug/kg	19
Hexachlorobenzene	ND	79	ug/kg	24
Hexachlorobutadiene	ND	79	ug/kg	24
Hexachlorocyclopentadiene	ND 390 U S	390	ug/kg	18
Hexachloroethane	ND	390	ug/kg	18
Indeno(1,2,3-cd)pyrene	ND	79	ug/kg	14
Isophorone	ND	390	ug/kg	22
2-Methylnaphthalene	ND	79	ug/kg	22
2-Methylphenol	ND	390	ug/kg	25
4-Methylphenol	ND	390	ug/kg	25
Naphthalene	**53 J**	**79**	**ug/kg**	**19**
2-Nitroaniline	ND	2000	ug/kg	24
3-Nitroaniline	ND	2000	ug/kg	34
4-Nitroaniline	ND	2000	ug/kg	17
Nitrobenzene	ND	79	ug/kg	9.8
2-Nitrophenol	ND	390	ug/kg	31
4-Nitrophenol	ND	2000	ug/kg	31
N-Nitrosodi-n-propylamine	ND	79	ug/kg	9.6
N-Nitrosodiphenylamine	ND	79	ug/kg	21
2,2'-oxybis(1-Chloropropane)	ND	79	ug/kg	24
Pentachlorophenol	ND	390	ug/kg	29
Phenanthrene	ND	79	ug/kg	19
Phenol	ND	79	ug/kg	24
Pyrene	ND	79	ug/kg	24
2,4,5-Trichlorophenol	ND	390	ug/kg	32
2,4,6-Trichlorophenol	ND	390	ug/kg	32

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ENSR International

Client Sample ID: SB44(52.5-55)

GC/MS Semivolatiles

Lot-Sample #...: C8K070273-005 Work Order #...: K2HC71A7 Matrix.....: SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	70	(50 - 124)
2-Fluorobiphenyl	72	(49 - 105)
2-Fluorophenol	70	(39 - 103)
Nitrobenzene-d5	73	(25 - 104)
Phenol-d5	68	(25 - 105)
Terphenyl-d14	73	(25 - 127)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

AECOM, Inc

Client Sample ID: SB27(23-23.5)

GC/MS Semivolatiles

Lot-Sample #...: C8L110357-001	Work Order #...: K4JV61AD	Matrix.....: SO
Date Sampled...: 12/08/08 10:15	Date Received..: 12/11/08 09:50	MS Run #.....: 8347019
Prep Date.....: 12/12/08	Analysis Date..: 12/13/08	
Prep Batch #...: 8347029	Analysis Time..: 10:12	
Dilution Factor: 9.93	Initial Wgt/Vol: 15.1 g	Final Wgt/Vol..: 5 mL
% Moisture.....: 15	Analyst ID.....: 003200	Instrument ID..: 733
	Method.....: SW846 8270C	

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	**43000**	**790**	**ug/kg**	**130**
Acenaphthylene	**120000**	**790**	**ug/kg**	**160**
Acetophenone	ND	3900	ug/kg	180
Anthracene	**97000**	**790**	**ug/kg**	**140**
Atrazine	ND	3900	ug/kg	190
Benzo(a)anthracene	**55000**	**790**	**ug/kg**	**120**
Benzo(a)pyrene	**37000**	**790**	**ug/kg**	**220**
Benzo(b)fluoranthene	**30000**	**790**	**ug/kg**	**160**
Benzo(ghi)perylene	**16000**	**790**	**ug/kg**	**57**
Benzo(k)fluoranthene	ND	790	ug/kg	160
Benzaldehyde	ND	3900	ug/kg	100
1,1'-Biphenyl	**38000**	**3900**	**ug/kg**	**180**
bis(2-Chloroethoxy) methane	ND	3900	ug/kg	160
bis(2-Chloroethyl)-ether	ND	790	ug/kg	69
bis(2-Ethylhexyl) phthalate	ND	3900	ug/kg	330
4-Bromophenyl phenyl ether	ND	3900	ug/kg	170
Butyl benzyl phthalate	ND	3900	ug/kg	270
Caprolactam	ND	20000	ug/kg	510
Carbazole	ND	790	ug/kg	100
4-Chloroaniline	ND	3900	ug/kg	120
4-Chloro-3-methylphenol	ND	3900	ug/kg	120
2-Chloronaphthalene	ND	790	ug/kg	110
2-Chlorophenol	ND	3900	ug/kg	120
4-Chlorophenyl phenyl ether	ND	3900	ug/kg	170
Chrysene	**47000**	**790**	**ug/kg**	**140**
Dibenz(a,h)anthracene	**4700**	**790**	**ug/kg**	**170**
Dibenzofuran	ND	3900	ug/kg	130
3,3'-Dichlorobenzidine	ND	3900	ug/kg	740
2,4-Dichlorophenol	ND	790	ug/kg	160
Diethyl phthalate	ND	3900	ug/kg	220
2,4-Dimethylphenol	ND	3900	ug/kg	160
Dimethyl phthalate	ND	3900	ug/kg	130

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AECOM, Inc

Client Sample ID: SB27(23-23.5)

GC/MS Semivolatiles

Lot-Sample #...: C8L110357-001 Work Order #...: K4JV61AD Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-butyl phthalate	ND	3900	ug/kg	220
4,6-Dinitro-2-methylphenol	ND	20000	ug/kg	3800
2,4-Dinitrophenol	ND	20000	ug/kg	1300
2,4-Dinitrotoluene	ND	3900	ug/kg	180
2,6-Dinitrotoluene	ND	3900	ug/kg	200
Di-n-octyl phthalate	ND	3900	ug/kg	100
Fluoranthene	**100000**	**790**	**ug/kg**	**66**
Fluorene 130000	~~160000 E~~	**790**	**ug/kg**	**120**
Hexachlorobenzene	ND	790	ug/kg	150
Hexachlorobutadiene	ND	790	ug/kg	170
Hexachlorocyclopentadiene	ND	3900	ug/kg	150
Hexachloroethane	ND	3900	ug/kg	130
Indeno(1,2,3-cd)pyrene	**12000**	**790**	**ug/kg**	**43**
Isophorone	ND	3900	ug/kg	150
2-Methylnaphthalene	**34000**	**790**	**ug/kg**	**150**
2-Methylphenol	ND	3900	ug/kg	140
4-Methylphenol	ND	3900	ug/kg	170
Naphthalene 550000	~~330000 E~~	**790**	**ug/kg**	**110**
2-Nitroaniline	ND	20000	ug/kg	240
3-Nitroaniline	ND	20000	ug/kg	130
4-Nitroaniline	ND	20000	ug/kg	190
Nitrobenzene	ND	790	ug/kg	200
2-Nitrophenol	ND	3900	ug/kg	150
4-Nitrophenol	ND	20000	ug/kg	2300
N-Nitrosodi-n-propylamine	ND	790	ug/kg	220
N-Nitrosodiphenylamine	ND	790	ug/kg	160
2,2'-oxybis(1-Chloropropane)	ND	790	ug/kg	170
Pentachlorophenol	ND	3900	ug/kg	680
Phenanthrene 340000	~~240000 E~~	**790**	**ug/kg**	**93**
Phenol	ND	790	ug/kg	160
Pyrene	**110000**	**790**	**ug/kg**	**210**
2,4,5-Trichlorophenol	ND	3900	ug/kg	97
2,4,6-Trichlorophenol	ND	3900	ug/kg	190

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AECOM, Inc

Client Sample ID: SB27(23-23.5)

GC/MS Semivolatiles

Lot-Sample #...: C8L110357-001 Work Order #...: K4JV61AD Matrix.....: SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	100	(50 - 124)
2-Fluorobiphenyl	94	(49 - 105)
2-Fluorophenol	81	(39 - 103)
Nitrobenzene-d5	98	(25 - 104)
Phenol-d5	88	(25 - 105)
Terphenyl-d14	86	(25 - 127)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

E Estimated result. Result concentration exceeds the calibration range.

AECOM, Inc

Client Sample ID: SB27(23-23.5) DL

GC/MS Semivolatiles

Lot-Sample #...: C8L110357-001	Work Order #...: K4JV62AD	Matrix.....: SO
Date Sampled...: 12/08/08 10:15	Date Received..: 12/11/08 09:50	MS Run #.....: 8347019
Prep Date.....: 12/12/08	Analysis Date..: 12/15/08	
Prep Batch #...: 8347029	Analysis Time..: 00:23	
Dilution Factor: 99.34	Initial Wgt/Vol: 15.1 g	Final Wgt/Vol..: 5 mL
% Moisture.....: 15	Analyst ID.....: 003200	Instrument ID..: 733
	Method.....: SW846 8270C	

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	**50000**	**7900**	**ug/kg**	**1300**
Acenaphthylene	**140000**	**7900**	**ug/kg**	**1600**
Acetophenone	ND	39000	ug/kg	1800
Anthracene	**110000**	**7900**	**ug/kg**	**1400**
Atrazine	ND	39000	ug/kg	1900
Benzo(a)anthracene	**61000**	**7900**	**ug/kg**	**1200**
Benzo(a)pyrene	**38000**	**7900**	**ug/kg**	**2200**
Benzo(b)fluoranthene	**32000**	**7900**	**ug/kg**	**1600**
Benzo(ghi)perylene	**15000**	**7900**	**ug/kg**	**580**
Benzo(k)fluoranthene	ND	7900	ug/kg	1600
Benzaldehyde	ND	39000	ug/kg	1000
1,1'-Biphenyl	**46000**	**39000**	**ug/kg**	**1800**
bis(2-Chloroethoxy) methane	ND	39000	ug/kg	1600
bis(2-Chloroethyl)-ether	ND	7900	ug/kg	690
bis(2-Ethylhexyl) phthalate	ND	39000	ug/kg	3300
4-Bromophenyl phenyl ether	ND	39000	ug/kg	1700
Butyl benzyl phthalate	ND	39000	ug/kg	2700
Caprolactam	ND	200000	ug/kg	5100
Carbazole	ND	7900	ug/kg	1000
4-Chloroaniline	ND	39000	ug/kg	1200
4-Chloro-3-methylphenol	ND	39000	ug/kg	1200
2-Chloronaphthalene	ND	7900	ug/kg	1100
2-Chlorophenol	ND	39000	ug/kg	1200
4-Chlorophenyl phenyl ether	ND	39000	ug/kg	1700
Chrysene	**47000**	**7900**	**ug/kg**	**1400**
Dibenz(a,h)anthracene	**4600 J**	**7900**	**ug/kg**	**1700**
Dibenzofuran	ND	39000	ug/kg	1300
3,3'-Dichlorobenzidine	ND	39000	ug/kg	7400
2,4-Dichlorophenol	ND	7900	ug/kg	1600
Diethyl phthalate	ND	39000	ug/kg	2200
2,4-Dimethylphenol	ND	39000	ug/kg	1600
Dimethyl phthalate	ND	39000	ug/kg	1300

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AECOM, Inc

Client Sample ID: SB27(23-23.5) DL

GC/MS Semivolatiles

Lot-Sample #...: C8L110357-001 Work Order #...: K4JV62AD Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-butyl phthalate	ND	39000	ug/kg	2200
4,6-Dinitro-2-methylphenol	ND	200000	ug/kg	38000
2,4-Dinitrophenol	ND	200000	ug/kg	13000
2,4-Dinitrotoluene	ND	39000	ug/kg	1800
2,6-Dinitrotoluene	ND	39000	ug/kg	2000
Di-n-octyl phthalate	ND	39000	ug/kg	1000
Fluoranthene	**99000**	**7900**	**ug/kg**	**660**
Fluorene	**130000**	**7900**	**ug/kg**	**1200**
Hexachlorobenzene	ND	7900	ug/kg	1500
Hexachlorobutadiene	ND	7900	ug/kg	1700
Hexachlorocyclopentadiene	ND	39000	ug/kg	1500
Hexachloroethane	ND	39000	ug/kg	1300
Indeno(1,2,3-cd)pyrene	**11000**	**7900**	**ug/kg**	**430**
Isophorone	ND	39000	ug/kg	1500
2-Methylnaphthalene	**38000**	**7900**	**ug/kg**	**1500**
2-Methylphenol	ND	39000	ug/kg	1400
4-Methylphenol	ND	39000	ug/kg	1700
Naphthalene	**550000**	**7900**	**ug/kg**	**1100**
2-Nitroaniline	ND	200000	ug/kg	2400
3-Nitroaniline	ND	200000	ug/kg	1300
4-Nitroaniline	ND	200000	ug/kg	1900
Nitrobenzene	ND	7900	ug/kg	2000
2-Nitrophenol	ND	39000	ug/kg	1500
4-Nitrophenol	ND	200000	ug/kg	23000
N-Nitrosodi-n-propylamine	ND	7900	ug/kg	2200
N-Nitrosodiphenylamine	ND	7900	ug/kg	1600
2,2'-oxybis (1-Chloropropane)	ND	7900	ug/kg	1700
Pentachlorophenol	ND	39000	ug/kg	6800
Phenanthrene	**340000**	**7900**	**ug/kg**	**930**
Phenol	ND	7900	ug/kg	1600
Pyrene	**130000**	**7900**	**ug/kg**	**2100**
2,4,5-Trichlorophenol	ND	39000	ug/kg	970
2,4,6-Trichlorophenol	ND	39000	ug/kg	1900

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AECOM, Inc

Client Sample ID: SB27(23-23.5)D

GC/MS Semivolatiles

Lot-Sample #...: C8L110357-001 Work Order #...: K4JV62AD Matrix.....: SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	NC,DIL	(50 - 124)
2-Fluorobiphenyl	NC,DIL	(49 - 105)
2-Fluorophenol	NC,DIL	(39 - 103)
Nitrobenzene-d5	NC,DIL	(25 - 104)
Phenol-d5	NC,DIL	(25 - 105)
Terphenyl-d14	NC,DIL	(25 - 127)

NOTE(S):

NC The recovery and/or RPD were not calculated.

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.

AECOM, Inc

Client Sample ID: SB27(35-36)

GC/MS Semivolatiles

Lot-Sample #...: C8L110357-002	Work Order #...: K4JWQ1AD		Matrix.....: SO
Date Sampled...: 12/08/08 12:16	Date Received..: 12/11/08 09:50		MS Run #.....: 8347019
Prep Date.....: 12/12/08	Analysis Date..: 12/13/08		
Prep Batch #...: 8347029	Analysis Time..: 10:31		
Dilution Factor: 0.99	Initial Wgt/Vol: 15.2 g		Final Wgt/Vol..: 5 mL
% Moisture.....: 16	Analyst ID.....: 003200		Instrument ID..: 733
	Method.....: SW846 8270C		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	79	ug/kg	13
Acenaphthylene	**20 J**	**79**	**ug/kg**	**16**
Acetophenone	ND	390	ug/kg	18
Anthracene	ND	79	ug/kg	14
Atrazine	ND	390	ug/kg	19
Benzo(a)anthracene	ND	79	ug/kg	13
Benzo(a)pyrene	ND	79	ug/kg	22
Benzo(b)fluoranthene	ND	79	ug/kg	16
Benzo(ghi)perylene	ND	79	ug/kg	5.8
Benzo(k)fluoranthene	ND	79	ug/kg	16
Benzaldehyde	ND	390	ug/kg	10
1,1'-Biphenyl	ND	390	ug/kg	18
bis(2-Chloroethoxy) methane	ND	390	ug/kg	16
bis(2-Chloroethyl)-ether	ND	79	ug/kg	6.9
bis(2-Ethylhexyl) phthalate	**43 J**	**390**	**ug/kg**	**33**
4-Bromophenyl phenyl ether	ND	390	ug/kg	17
Butyl benzyl phthalate	ND	390	ug/kg	28
Caprolactam	ND	2000	ug/kg	52
Carbazole	ND	79	ug/kg	10
4-Chloroaniline	ND	390	ug/kg	12
4-Chloro-3-methylphenol	ND	390	ug/kg	12
2-Chloronaphthalene	ND	79	ug/kg	11
2-Chlorophenol	ND	390	ug/kg	12
4-Chlorophenyl phenyl ether	ND	390	ug/kg	17
Chrysene	ND	79	ug/kg	14
Dibenz(a,h)anthracene	ND	79	ug/kg	17
Dibenzofuran	ND	390	ug/kg	13
3,3'-Dichlorobenzidine	ND	390	ug/kg	75
2,4-Dichlorophenol	ND	79	ug/kg	16
Diethyl phthalate	**160 J**	**390**	**ug/kg**	**22**
2,4-Dimethylphenol	ND	390	ug/kg	17
Dimethyl phthalate	ND	390	ug/kg	13

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AECOM, Inc

Client Sample ID: SB27(35-36)

GC/MS Semivolatiles

Lot-Sample #...: C8L110357-002 Work Order #...: K4JWQ1AD Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-butyl phthalate	ND	390	ug/kg	22
4,6-Dinitro-2-methylphenol	ND	2000	ug/kg	380
2,4-Dinitrophenol	ND	2000	ug/kg	130
2,4-Dinitrotoluene	ND	390	ug/kg	18
2,6-Dinitrotoluene	ND	390	ug/kg	20
Di-n-octyl phthalate	ND	390	ug/kg	10
Fluoranthene	ND	79	ug/kg	6.7
Fluorene	ND	79	ug/kg	12
Hexachlorobenzene	ND	79	ug/kg	15
Hexachlorobutadiene	ND	79	ug/kg	17
Hexachlorocyclopentadiene	ND	390	ug/kg	15
Hexachloroethane	ND	390	ug/kg	13
Indeno(1,2,3-cd)pyrene	ND	79	ug/kg	4.3
Isophorone	ND	390	ug/kg	15
2-Methylnaphthalene	ND	79	ug/kg	16
2-Methylphenol	ND	390	ug/kg	15
4-Methylphenol	ND	390	ug/kg	17
Naphthalene	**16 J**	**79**	**ug/kg**	**11**
2-Nitroaniline	ND	2000	ug/kg	24
3-Nitroaniline	ND	2000	ug/kg	13
4-Nitroaniline	ND	2000	ug/kg	19
Nitrobenzene	ND	79	ug/kg	20
2-Nitrophenol	ND	390	ug/kg	15
4-Nitrophenol	ND	2000	ug/kg	230
N-Nitrosodi-n-propylamine	ND	79	ug/kg	22
N-Nitrosodiphenylamine	ND	79	ug/kg	16
2,2'-oxybis(1-Chloropropane)	ND	79	ug/kg	17
Pentachlorophenol	ND	390	ug/kg	69
Phenanthrene	**18 J**	**79**	**ug/kg**	**9.4**
Phenol	ND	79	ug/kg	16
Pyrene	ND	79	ug/kg	21
2,4,5-Trichlorophenol	ND	390	ug/kg	9.7
2,4,6-Trichlorophenol	ND	390	ug/kg	20

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AECOM, Inc

Client Sample ID: SB27(35-36)

GC/MS Semivolatiles

Lot-Sample #...: C8L110357-002 Work Order #...: K4JWQ1AD Matrix.....: SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	80	(50 - 124)
2-Fluorobiphenyl	77	(49 - 105)
2-Fluorophenol	74	(39 - 103)
Nitrobenzene-d5	78	(25 - 104)
Phenol-d5	75	(25 - 105)
Terphenyl-d14	73	(25 - 127)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

AECOM, Inc

Client Sample ID: SB53(25-26)

GC/MS Semivolatiles

Lot-Sample #...: C8L110357-003	Work Order #...: K4JW01AD	Matrix.....: SO
Date Sampled...: 12/08/08 15:50	Date Received..: 12/11/08 09:50	MS Run #.....: 8347019
Prep Date.....: 12/12/08	Analysis Date..: 12/13/08	
Prep Batch #...: 8347029	Analysis Time..: 10:51	
Dilution Factor: 1	Initial Wgt/Vol: 15 g	Final Wgt/Vol..: 5 mL
% Moisture.....: 14	Analyst ID.....: 003200	Instrument ID..: 733
	Method.....: SW846 8270C	

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	**15 J**	**78**	**ug/kg**	**13**
Acenaphthylene	ND	78	ug/kg	16
Acetophenone	ND	390	ug/kg	18
Anthracene	ND	78	ug/kg	14
Atrazine	ND	390	ug/kg	18
Benzo(a)anthracene	ND	78	ug/kg	12
Benzo(a)pyrene	ND	78	ug/kg	22
Benzo(b)fluoranthene	ND	78	ug/kg	16
Benzo(ghi)perylene	ND	78	ug/kg	5.7
Benzo(k)fluoranthene	ND	78	ug/kg	16
Benzaldehyde	ND	390	ug/kg	10
1,1'-Biphenyl	ND	390	ug/kg	18
bis(2-Chloroethoxy) methane	ND	390	ug/kg	16
bis(2-Chloroethyl)-ether	ND	78	ug/kg	6.8
bis(2-Ethylhexyl) phthalate	**35 J**	**390**	**ug/kg**	**33**
4-Bromophenyl phenyl ether	ND	390	ug/kg	17
Butyl benzyl phthalate	ND	390	ug/kg	27
Caprolactam	ND	2000	ug/kg	51
Carbazole	ND	78	ug/kg	10
4-Chloroaniline	ND	390	ug/kg	12
4-Chloro-3-methylphenol	ND	390	ug/kg	12
2-Chloronaphthalene	ND	78	ug/kg	11
2-Chlorophenol	ND	390	ug/kg	12
4-Chlorophenyl phenyl ether	ND	390	ug/kg	17
Chrysene	ND	78	ug/kg	14
Dibenz(a,h)anthracene	ND	78	ug/kg	17
Dibenzofuran	ND	390	ug/kg	13
3,3'-Dichlorobenzidine	ND	390	ug/kg	74
2,4-Dichlorophenol	ND	78	ug/kg	16
Diethyl phthalate	**190 J**	**390**	**ug/kg**	**22**
2,4-Dimethylphenol	ND	390	ug/kg	16
Dimethyl phthalate	ND	390	ug/kg	13

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AECOM, Inc

Client Sample ID: SB53(25-26)

GC/MS Semivolatiles

Lot-Sample #...: C8L110357-003 Work Order #...: K4JW01AD Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-butyl phthalate	ND	390	ug/kg	22
4,6-Dinitro-2-methylphenol	ND	2000	ug/kg	370
2,4-Dinitrophenol	ND	2000	ug/kg	130
2,4-Dinitrotoluene	ND	390	ug/kg	18
2,6-Dinitrotoluene	ND	390	ug/kg	20
Di-n-octyl phthalate	ND	390	ug/kg	10
Fluoranthene	ND	78	ug/kg	6.6
Fluorene	ND	78	ug/kg	12
Hexachlorobenzene	ND	78	ug/kg	15
Hexachlorobutadiene	ND	78	ug/kg	17
Hexachlorocyclopentadiene	ND	390	ug/kg	15
Hexachloroethane	ND	390	ug/kg	13
Indeno(1,2,3-cd)pyrene	ND	78	ug/kg	4.3
Isophorone	ND	390	ug/kg	15
2-Methylnaphthalene	**19 J**	**78**	**ug/kg**	**15**
2-Methylphenol	ND	390	ug/kg	14
4-Methylphenol	ND	390	ug/kg	17
Naphthalene	ND	78	ug/kg	11
2-Nitroaniline	ND	2000	ug/kg	24
3-Nitroaniline	ND	2000	ug/kg	13
4-Nitroaniline	ND	2000	ug/kg	19
Nitrobenzene	ND	78	ug/kg	20
2-Nitrophenol	ND	390	ug/kg	15
4-Nitrophenol	ND	2000	ug/kg	230
N-Nitrosodi-n-propylamine	ND	78	ug/kg	22
N-Nitrosodiphenylamine	ND	78	ug/kg	16
2,2'-oxybis(1-Chloropropane)	ND	78	ug/kg	17
Pentachlorophenol	ND	390	ug/kg	68
Phenanthrene	**26 J**	**78**	**ug/kg**	**9.3**
Phenol	ND	78	ug/kg	15
Pyrene	ND	78	ug/kg	21
2,4,5-Trichlorophenol	ND	390	ug/kg	9.6
2,4,6-Trichlorophenol	ND	390	ug/kg	19

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AECOM, Inc

Client Sample ID: SB53(25-26)

GC/MS Semivolatiles

Lot-Sample #...: C8L110357-003 Work Order #...: K4JW01AD Matrix.....: SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	81	(50 - 124)
2-Fluorobiphenyl	78	(49 - 105)
2-Fluorophenol	76	(39 - 103)
Nitrobenzene-d5	83	(25 - 104)
Phenol-d5	77	(25 - 105)
Terphenyl-d14	72	(25 - 127)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

AECOM, Inc

Client Sample ID: SB54(11-12)

GC/MS Semivolatiles

Lot-Sample #...:	C8L110357-004	Work Order #...:	K4JW31AD	Matrix.....:	SO
Date Sampled...:	12/09/08 08:30	Date Received..:	12/11/08 09:50	MS Run #.....:	8347019
Prep Date.....:	12/12/08	Analysis Date..:	12/13/08		
Prep Batch #...:	8347029	Analysis Time..:	11:10		
Dilution Factor:	1	Initial Wgt/Vol:	15 g	Final Wgt/Vol..:	5 mL
% Moisture.....:	18	Analyst ID.....:	003200	Instrument ID..:	733
		Method.....:	SW846 8270C		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	81	ug/kg	13
Acenaphthylene	ND	81	ug/kg	16
Acetophenone	ND	400	ug/kg	19
Anthracene	ND	81	ug/kg	14
Atrazine	ND	400	ug/kg	19
Benzo(a)anthracene	ND	81	ug/kg	13
Benzo(a)pyrene	ND	81	ug/kg	23
Benzo(b)fluoranthene	ND	81	ug/kg	16
Benzo(ghi)perylene	ND	81	ug/kg	5.9
Benzo(k)fluoranthene	ND	81	ug/kg	17
Benzaldehyde	ND	400	ug/kg	11
1,1'-Biphenyl	ND	400	ug/kg	18
bis(2-Chloroethoxy) methane	ND	400	ug/kg	16
bis(2-Chloroethyl)-ether	ND	81	ug/kg	7.1
bis(2-Ethylhexyl) phthalate	ND	400	ug/kg	34
4-Bromophenyl phenyl ether	ND	400	ug/kg	17
Butyl benzyl phthalate	ND	400	ug/kg	28
Caprolactam	ND	2100	ug/kg	53
Carbazole	ND	81	ug/kg	11
4-Chloroaniline	ND	400	ug/kg	13
4-Chloro-3-methylphenol	ND	400	ug/kg	12
2-Chloronaphthalene	ND	81	ug/kg	11
2-Chlorophenol	ND	400	ug/kg	12
4-Chlorophenyl phenyl ether	ND	400	ug/kg	18
Chrysene	ND	81	ug/kg	14
Dibenz(a,h)anthracene	ND	81	ug/kg	18
Dibenzofuran	ND	400	ug/kg	14
3,3'-Dichlorobenzidine	ND	400	ug/kg	76
2,4-Dichlorophenol	ND	81	ug/kg	16
Diethyl phthalate	ND	400	ug/kg	23
2,4-Dimethylphenol	ND	400	ug/kg	17
Dimethyl phthalate	ND	400	ug/kg	14

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AECOM, Inc

Client Sample ID: SB54(11-12)

GC/MS Semivolatiles

Lot-Sample #...: C8L110357-004 Work Order #...: K4JW31AD Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-butyl phthalate	ND	400	ug/kg	23
4,6-Dinitro-2-methylphenol	ND	2100	ug/kg	390
2,4-Dinitrophenol	ND	2100	ug/kg	130
2,4-Dinitrotoluene	ND	400	ug/kg	19
2,6-Dinitrotoluene	ND	400	ug/kg	21
Di-n-octyl phthalate	ND	400	ug/kg	10
Fluoranthene	ND	81	ug/kg	6.8
Fluorene	ND	81	ug/kg	12
Hexachlorobenzene	ND	81	ug/kg	15
Hexachlorobutadiene	ND	81	ug/kg	17
Hexachlorocyclopentadiene	ND	400	ug/kg	15
Hexachloroethane	ND	400	ug/kg	14
Indeno(1,2,3-cd)pyrene	ND	81	ug/kg	4.4
Isophorone	ND	400	ug/kg	16
2-Methylnaphthalene	ND	81	ug/kg	16
2-Methylphenol	ND	400	ug/kg	15
4-Methylphenol	ND	400	ug/kg	18
Naphthalene	ND	81	ug/kg	12
2-Nitroaniline	ND	2100	ug/kg	25
3-Nitroaniline	ND	2100	ug/kg	13
4-Nitroaniline	ND	2100	ug/kg	20
Nitrobenzene	ND	81	ug/kg	20
2-Nitrophenol	ND	400	ug/kg	15
4-Nitrophenol	ND	2100	ug/kg	240
N-Nitrosodi-n-propylamine	ND	81	ug/kg	22
N-Nitrosodiphenylamine	ND	81	ug/kg	17
2,2'-oxybis(1-Chloropropane)	ND	81	ug/kg	18
Pentachlorophenol	ND	400	ug/kg	70
Phenanthrene	**10 J**	**81**	**ug/kg**	**9.7**
Phenol	ND	81	ug/kg	16
Pyrene	ND	81	ug/kg	21
2,4,5-Trichlorophenol	ND	400	ug/kg	10
2,4,6-Trichlorophenol	ND	400	ug/kg	20

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AECOM, Inc

Client Sample ID: SB54(11-12)

GC/MS Semivolatiles

Lot-Sample #...: C8L110357-004 Work Order #...: K4JW31AD Matrix.....: SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	82	(50 - 124)
2-Fluorobiphenyl	78	(49 - 105)
2-Fluorophenol	78	(39 - 103)
Nitrobenzene-d5	86	(25 - 104)
Phenol-d5	79	(25 - 105)
Terphenyl-d14	75	(25 - 127)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

AECOM, Inc

Client Sample ID: SB56(11-12)

GC/MS Semivolatiles

Lot-Sample #...: C8L110357-005	Work Order #...: K4JW71AD	Matrix.....: SO
Date Sampled...: 12/09/08 10:30	Date Received..: 12/11/08 09:50	MS Run #.....: 8347019
Prep Date.....: 12/12/08	Analysis Date..: 12/13/08	
Prep Batch #...: 8347029	Analysis Time..: 12:08	
Dilution Factor: 1	Initial Wgt/Vol: 15 g	Final Wgt/Vol..: 5 mL
% Moisture.....: 19	Analyst ID.....: 003200	Instrument ID..: 733
	Method.....: SW846 8270C	

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	83	ug/kg	13
Acenaphthylene	ND	83	ug/kg	16
Acetophenone	ND	410	ug/kg	19
Anthracene	ND	83	ug/kg	15
Atrazine	ND	410	ug/kg	20
Benzo(a)anthracene	ND	83	ug/kg	13
Benzo(a)pyrene	ND	83	ug/kg	23
Benzo(b)fluoranthene	ND	83	ug/kg	17
Benzo(ghi)perylene	ND	83	ug/kg	6.1
Benzo(k)fluoranthene	ND	83	ug/kg	17
Benzaldehyde	ND	410	ug/kg	11
1,1'-Biphenyl	ND	410	ug/kg	19
bis(2-Chloroethoxy) methane	ND	410	ug/kg	17
bis(2-Chloroethyl)-ether	ND	83	ug/kg	7.3
bis(2-Ethylhexyl) phthalate	ND	410	ug/kg	35
4-Bromophenyl phenyl ether	ND	410	ug/kg	18
Butyl benzyl phthalate	ND	410	ug/kg	29
Caprolactam	ND	2100	ug/kg	54
Carbazole	ND	83	ug/kg	11
4-Chloroaniline	ND	410	ug/kg	13
4-Chloro-3-methylphenol	ND	410	ug/kg	12
2-Chloronaphthalene	ND	83	ug/kg	11
2-Chlorophenol	ND	410	ug/kg	13
4-Chlorophenyl phenyl ether	ND	410	ug/kg	18
Chrysene	ND	83	ug/kg	14
Dibenz(a,h)anthracene	ND	83	ug/kg	18
Dibenzofuran	ND	410	ug/kg	14
3,3'-Dichlorobenzidine	ND	410	ug/kg	78
2,4-Dichlorophenol	ND	83	ug/kg	17
Diethyl phthalate	ND	410	ug/kg	23
2,4-Dimethylphenol	ND	410	ug/kg	17
Dimethyl phthalate	ND	410	ug/kg	14

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AECOM, Inc

Client Sample ID: SB56(11-12)

GC/MS Semivolatiles

Lot-Sample #...: C8L110357-005 Work Order #...: K4JW71AD Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-butyl phthalate	ND	410	ug/kg	23
4,6-Dinitro-2-methylphenol	ND	2100	ug/kg	400
2,4-Dinitrophenol	ND	2100	ug/kg	130
2,4-Dinitrotoluene	ND	410	ug/kg	19
2,6-Dinitrotoluene	ND	410	ug/kg	21
Di-n-octyl phthalate	ND	410	ug/kg	11
Fluoranthene	ND	83	ug/kg	7.0
Fluorene	ND	83	ug/kg	12
Hexachlorobenzene	ND	83	ug/kg	16
Hexachlorobutadiene	ND	83	ug/kg	18
Hexachlorocyclopentadiene	ND	410	ug/kg	16
Hexachloroethane	ND	410	ug/kg	14
Indeno(1,2,3-cd)pyrene	ND	83	ug/kg	4.6
Isophorone	ND	410	ug/kg	16
2-Methylnaphthalene	ND	83	ug/kg	16
2-Methylphenol	ND	410	ug/kg	15
4-Methylphenol	ND	410	ug/kg	18
Naphthalene	ND	83	ug/kg	12
2-Nitroaniline	ND	2100	ug/kg	25
3-Nitroaniline	ND	2100	ug/kg	14
4-Nitroaniline	ND	2100	ug/kg	20
Nitrobenzene	ND	83	ug/kg	21
2-Nitrophenol	ND	410	ug/kg	16
4-Nitrophenol	ND	2100	ug/kg	240
N-Nitrosodi-n-propylamine	ND	83	ug/kg	23
N-Nitrosodiphenylamine	ND	83	ug/kg	17
2,2'-oxybis(1-Chloropropane)	ND	83	ug/kg	18
Pentachlorophenol	ND	410	ug/kg	72
Phenanthrene	ND	83	ug/kg	9.9
Phenol	ND	83	ug/kg	16
Pyrene	ND	83	ug/kg	22
2,4,5-Trichlorophenol	ND	410	ug/kg	10
2,4,6-Trichlorophenol	ND	410	ug/kg	21

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AECOM, Inc

Client Sample ID: SB56(11-12)

GC/MS Semivolatiles

Lot-Sample #...: C8L110357-005 Work Order #...: K4JW71AD Matrix.....: SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	84	(50 - 124)
2-Fluorobiphenyl	77	(49 - 105)
2-Fluorophenol	70	(39 - 103)
Nitrobenzene-d5	76	(25 - 104)
Phenol-d5	73	(25 - 105)
Terphenyl-d14	65	(25 - 127)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

AECOM, Inc

Client Sample ID: SB57(11-12)

GC/MS Semivolatiles

Lot-Sample #...: C8L110357-006	Work Order #...: K4JW91AD	Matrix.....: SO
Date Sampled...: 12/09/08 11:15	Date Received..: 12/11/08 09:50	MS Run #.....: 8347019
Prep Date.....: 12/12/08	Analysis Date..: 12/13/08	
Prep Batch #...: 8347029	Analysis Time..: 12:28	
Dilution Factor: 0.99	Initial Wgt/Vol: 15.2 g	Final Wgt/Vol..: 5 mL
% Moisture.....: 17	Analyst ID.....: 003200	Instrument ID..: 733
	Method.....: SW846 8270C	

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	80	ug/kg	13
Acenaphthylene	ND	80	ug/kg	16
Acetophenone	ND	390	ug/kg	18
Anthracene	ND	80	ug/kg	14
Atrazine	ND	390	ug/kg	19
Benzo(a)anthracene	ND	80	ug/kg	13
Benzo(a)pyrene	ND	80	ug/kg	22
Benzo(b)fluoranthene	ND	80	ug/kg	16
Benzo(ghi)perylene	ND	80	ug/kg	5.8
Benzo(k)fluoranthene	ND	80	ug/kg	17
Benzaldehyde	ND	390	ug/kg	10
1,1'-Biphenyl	ND	390	ug/kg	18
bis(2-Chloroethoxy) methane	ND	390	ug/kg	16
bis(2-Chloroethyl)-ether	ND	80	ug/kg	7.0
bis(2-Ethylhexyl) phthalate	ND	390	ug/kg	34
4-Bromophenyl phenyl ether	ND	390	ug/kg	17
Butyl benzyl phthalate	ND	390	ug/kg	28
Caprolactam	ND	2000	ug/kg	52
Carbazole	ND	80	ug/kg	10
4-Chloroaniline	ND	390	ug/kg	12
4-Chloro-3-methylphenol	ND	390	ug/kg	12
2-Chloronaphthalene	ND	80	ug/kg	11
2-Chlorophenol	ND	390	ug/kg	12
4-Chlorophenyl phenyl ether	ND	390	ug/kg	18
Chrysene	ND	80	ug/kg	14
Dibenz(a,h)anthracene	ND	80	ug/kg	17
Dibenzofuran	ND	390	ug/kg	13
3,3'-Dichlorobenzidine	ND	390	ug/kg	75
2,4-Dichlorophenol	ND	80	ug/kg	16
Diethyl phthalate	ND	390	ug/kg	22
2,4-Dimethylphenol	ND	390	ug/kg	17
Dimethyl phthalate	ND	390	ug/kg	13

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AECOM, Inc

Client Sample ID: SB57(11-12)

GC/MS Semivolatiles

Lot-Sample #...: C8L110357-006 Work Order #...: K4JW91AD Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-butyl phthalate	ND	390	ug/kg	22
4,6-Dinitro-2-methylphenol	ND	2000	ug/kg	380
2,4-Dinitrophenol	ND	2000	ug/kg	130
2,4-Dinitrotoluene	ND	390	ug/kg	19
2,6-Dinitrotoluene	ND	390	ug/kg	20
Di-n-octyl phthalate	ND	390	ug/kg	10
Fluoranthene	ND	80	ug/kg	6.7
Fluorene	ND	80	ug/kg	12
Hexachlorobenzene	ND	80	ug/kg	15
Hexachlorobutadiene	ND	80	ug/kg	17
Hexachlorocyclopentadiene	ND	390	ug/kg	15
Hexachloroethane	ND	390	ug/kg	13
Indeno(1,2,3-cd)pyrene	ND	80	ug/kg	4.4
Isophorone	ND	390	ug/kg	15
2-Methylnaphthalene	ND	80	ug/kg	16
2-Methylphenol	ND	390	ug/kg	15
4-Methylphenol	ND	390	ug/kg	17
Naphthalene	ND	80	ug/kg	12
2-Nitroaniline	ND	2000	ug/kg	24
3-Nitroaniline	ND	2000	ug/kg	13
4-Nitroaniline	ND	2000	ug/kg	19
Nitrobenzene	ND	80	ug/kg	20
2-Nitrophenol	ND	390	ug/kg	15
4-Nitrophenol	ND	2000	ug/kg	230
N-Nitrosodi-n-propylamine	ND	80	ug/kg	22
N-Nitrosodiphenylamine	ND	80	ug/kg	16
2,2'-oxybis(1-Chloropropane)	ND	80	ug/kg	17
Pentachlorophenol	ND	390	ug/kg	69
Phenanthrene	ND	80	ug/kg	9.5
Phenol	ND	80	ug/kg	16
Pyrene	ND	80	ug/kg	21
2,4,5-Trichlorophenol	ND	390	ug/kg	9.8
2,4,6-Trichlorophenol	ND	390	ug/kg	20

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AECOM, Inc

Client Sample ID: SB57(11-12)

GC/MS Semivolatiles

Lot-Sample #...: C8L110357-006 Work Order #...: K4JW91AD Matrix.....: SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	71	(50 - 124)
2-Fluorobiphenyl	73	(49 - 105)
2-Fluorophenol	69	(39 - 103)
Nitrobenzene-d5	76	(25 - 104)
Phenol-d5	70	(25 - 105)
Terphenyl-d14	63	(25 - 127)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

AECOM, Inc

Client Sample ID: SB59(15-16)

GC/MS Semivolatiles

Lot-Sample #...:	C8L110357-007	Work Order #...:	K4JXG1AD	Matrix.....:	SO
Date Sampled...:	12/09/08 12:00	Date Received..:	12/11/08 09:50	MS Run #.....:	8347019
Prep Date.....:	12/12/08	Analysis Date..:	12/13/08		
Prep Batch #...:	8347029	Analysis Time..:	12:47		
Dilution Factor:	0.99	Initial Wgt/Vol:	15.2 g	Final Wgt/Vol..:	5 mL
% Moisture.....:	17	Analyst ID.....:	003200	Instrument ID..:	733
		Method.....:	SW846 8270C		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	80	ug/kg	13
Acenaphthylene	**86**	**80**	**ug/kg**	**16**
Acetophenone	ND	390	ug/kg	18
Anthracene	**190**	**80**	**ug/kg**	**14**
Atrazine	ND	390	ug/kg	19
Benzo(a)anthracene	ND	80	ug/kg	13
Benzo(a)pyrene	**37 J**	**80**	**ug/kg**	**22**
Benzo(b)fluoranthene	**49 J**	**80**	**ug/kg**	**16**
Benzo(ghi)perylene	**790**	**80**	**ug/kg**	**5.8**
Benzo(k)fluoranthene	ND	80	ug/kg	17
Benzaldehyde	ND	390	ug/kg	10
1,1'-Biphenyl	ND	390	ug/kg	18
bis(2-Chloroethoxy) methane	ND	390	ug/kg	16
bis(2-Chloroethyl)-ether	ND	80	ug/kg	7.0
bis(2-Ethylhexyl) phthalate	ND	390	ug/kg	34
4-Bromophenyl phenyl ether	ND	390	ug/kg	17
Butyl benzyl phthalate	ND	390	ug/kg	28
Caprolactam	ND	2000	ug/kg	52
Carbazole	ND	80	ug/kg	10
4-Chloroaniline	ND	390	ug/kg	12
4-Chloro-3-methylphenol	ND	390	ug/kg	12
2-Chloronaphthalene	ND	80	ug/kg	11
2-Chlorophenol	ND	390	ug/kg	12
4-Chlorophenyl phenyl ether	ND	390	ug/kg	18
Chrysene	ND	80	ug/kg	14
Dibenz(a,h)anthracene	**30 J**	**80**	**ug/kg**	**17**
Dibenzofuran	ND	390	ug/kg	13
3,3'-Dichlorobenzidine	ND	390	ug/kg	75
2,4-Dichlorophenol	ND	80	ug/kg	16
Diethyl phthalate	ND	390	ug/kg	22
2,4-Dimethylphenol	ND	390	ug/kg	17
Dimethyl phthalate	ND	390	ug/kg	13

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AECOM, Inc

Client Sample ID: SB59(15-16)

GC/MS Semivolatiles

Lot-Sample #...: C8L110357-007 Work Order #...: K4JXG1AD Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-butyl phthalate	ND	390	ug/kg	22
4,6-Dinitro-2-methylphenol	ND	2000	ug/kg	380
2,4-Dinitrophenol	ND	2000	ug/kg	130
2,4-Dinitrotoluene	ND	390	ug/kg	19
2,6-Dinitrotoluene	ND	390	ug/kg	20
Di-n-octyl phthalate	ND	390	ug/kg	10
Fluoranthene	ND	80	ug/kg	6.7
Fluorene	ND	80	ug/kg	12
Hexachlorobenzene	ND	80	ug/kg	15
Hexachlorobutadiene	ND	80	ug/kg	17
Hexachlorocyclopentadiene	ND	390	ug/kg	15
Hexachloroethane	ND	390	ug/kg	13
Indeno(1,2,3-cd)pyrene	**610**	**80**	**ug/kg**	**4.4**
Isophorone	ND	390	ug/kg	15
2-Methylnaphthalene	ND	80	ug/kg	16
2-Methylphenol	ND	390	ug/kg	15
4-Methylphenol	ND	390	ug/kg	17
Naphthalene	ND	80	ug/kg	12
2-Nitroaniline	ND	2000	ug/kg	24
3-Nitroaniline	ND	2000	ug/kg	13
4-Nitroaniline	ND	2000	ug/kg	19
Nitrobenzene	ND	80	ug/kg	20
2-Nitrophenol	ND	390	ug/kg	15
4-Nitrophenol	ND	2000	ug/kg	230
N-Nitrosodi-n-propylamine	ND	80	ug/kg	22
N-Nitrosodiphenylamine	ND	80	ug/kg	16
2,2'-oxybis(1-Chloropropane)	ND	80	ug/kg	17
Pentachlorophenol	ND	390	ug/kg	69
Phenanthrene	ND	80	ug/kg	9.5
Phenol	ND	80	ug/kg	16
Pyrene	**63 J**	**80**	**ug/kg**	**21**
2,4,5-Trichlorophenol	ND	390	ug/kg	9.8
2,4,6-Trichlorophenol	ND	390	ug/kg	20

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AECOM, Inc

Client Sample ID: SB59(15-16)

GC/MS Semivolatiles

Lot-Sample #...: C8L110357-007 Work Order #...: K4JXG1AD Matrix.....: SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	97	(50 - 124)
2-Fluorobiphenyl	86	(49 - 105)
2-Fluorophenol	76	(39 - 103)
Nitrobenzene-d5	81	(25 - 104)
Phenol-d5	80	(25 - 105)
Terphenyl-d14	67	(25 - 127)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

AECOM, Inc

Client Sample ID: SB59(23-24)

GC/MS Semivolatiles

Lot-Sample #...: C8L110357-008	Work Order #...: K4JXL1AD	Matrix.....: SO
Date Sampled...: 12/09/08 12:45	Date Received..: 12/11/08 09:50	MS Run #.....: 8347019
Prep Date.....: 12/12/08	Analysis Date..: 12/13/08	
Prep Batch #...: 8347029	Analysis Time..: 13:07	
Dilution Factor: 1	Initial Wgt/Vol: 15 g	Final Wgt/Vol..: 5 mL
% Moisture.....: 17	Analyst ID.....: 003200	Instrument ID..: 733
	Method.....: SW846 8270C	

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	81	ug/kg	13
Acenaphthylene	ND	81	ug/kg	16
Acetophenone	ND	400	ug/kg	18
Anthracene	ND	81	ug/kg	14
Atrazine	ND	400	ug/kg	19
Benzo(a)anthracene	ND	81	ug/kg	13
Benzo(a)pyrene	ND	81	ug/kg	22
Benzo(b)fluoranthene	ND	81	ug/kg	16
Benzo(ghi)perylene	ND	81	ug/kg	5.9
Benzo(k)fluoranthene	ND	81	ug/kg	17
Benzaldehyde	ND	400	ug/kg	10
1,1'-Biphenyl	ND	400	ug/kg	18
bis(2-Chloroethoxy) methane	ND	400	ug/kg	16
bis(2-Chloroethyl)- ether	ND	81	ug/kg	7.0
bis(2-Ethylhexyl) phthalate	ND	400	ug/kg	34
4-Bromophenyl phenyl ether	ND	400	ug/kg	17
Butyl benzyl phthalate	ND	400	ug/kg	28
Caprolactam	ND	2000	ug/kg	52
Carbazole	ND	81	ug/kg	11
4-Chloroaniline	ND	400	ug/kg	12
4-Chloro-3-methylphenol	ND	400	ug/kg	12
2-Chloronaphthalene	ND	81	ug/kg	11
2-Chlorophenol	ND	400	ug/kg	12
4-Chlorophenyl phenyl ether	ND	400	ug/kg	18
Chrysene	ND	81	ug/kg	14
Dibenz(a,h)anthracene	ND	81	ug/kg	18
Dibenzofuran	ND	400	ug/kg	14
3,3'-Dichlorobenzidine	ND	400	ug/kg	76
2,4-Dichlorophenol	ND	81	ug/kg	16
Diethyl phthalate	ND	400	ug/kg	23
2,4-Dimethylphenol	ND	400	ug/kg	17
Dimethyl phthalate	ND	400	ug/kg	14

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AECOM, Inc

Client Sample ID: SB59(23-24)

GC/MS Semivolatiles

Lot-Sample #...: C8L110357-008 Work Order #...: K4JXL1AD Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-butyl phthalate	ND	400	ug/kg	22
4,6-Dinitro-2-methylphenol	ND	2000	ug/kg	390
2,4-Dinitrophenol	ND	2000	ug/kg	130
2,4-Dinitrotoluene	ND	400	ug/kg	19
2,6-Dinitrotoluene	ND	400	ug/kg	20
Di-n-octyl phthalate	ND	400	ug/kg	10
Fluoranthene	ND	81	ug/kg	6.8
Fluorene	ND	81	ug/kg	12
Hexachlorobenzene	ND	81	ug/kg	15
Hexachlorobutadiene	ND	81	ug/kg	17
Hexachlorocyclopentadiene	ND	400	ug/kg	15
Hexachloroethane	ND	400	ug/kg	14
Indeno(1,2,3-cd)pyrene	ND	81	ug/kg	4.4
Isophorone	ND	400	ug/kg	16
2-Methylnaphthalene	ND	81	ug/kg	16
2-Methylphenol	ND	400	ug/kg	15
4-Methylphenol	ND	400	ug/kg	18
Naphthalene	ND	81	ug/kg	12
2-Nitroaniline	ND	2000	ug/kg	25
3-Nitroaniline	ND	2000	ug/kg	13
4-Nitroaniline	ND	2000	ug/kg	20
Nitrobenzene	ND	81	ug/kg	20
2-Nitrophenol	ND	400	ug/kg	15
4-Nitrophenol	ND	2000	ug/kg	240
N-Nitrosodi-n-propylamine	ND	81	ug/kg	22
N-Nitrosodiphenylamine	ND	81	ug/kg	16
2,2'-oxybis(1-Chloropropane)	ND	81	ug/kg	18
Pentachlorophenol	ND	400	ug/kg	70
Phenanthrene	ND	81	ug/kg	9.6
Phenol	ND	81	ug/kg	16
Pyrene	ND	81	ug/kg	21
2,4,5-Trichlorophenol	ND	400	ug/kg	9.9
2,4,6-Trichlorophenol	ND	400	ug/kg	20

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AECOM, Inc

Client Sample ID: SB59(23-24)

GC/MS Semivolatiles

Lot-Sample #...: C8L110357-008 Work Order #...: K4JXL1AD Matrix.....: SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	89	(50 - 124)
2-Fluorobiphenyl	83	(49 - 105)
2-Fluorophenol	75	(39 - 103)
Nitrobenzene-d5	84	(25 - 104)
Phenol-d5	75	(25 - 105)
Terphenyl-d14	73	(25 - 127)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

AECOM, Inc

Client Sample ID: MW-4

GC/MS Semivolatiles

Lot-Sample #...:	C8L100288-001	**Work Order #...:**	K4FMX1AC	**Matrix.....:**	WG
Date Sampled...:	12/09/08 15:30	**Date Received..:**	12/10/08 10:15	**MS Run #.....:**	8350082
Prep Date.....:	12/15/08	**Analysis Date..:**	12/19/08		
Prep Batch #...:	8350174	**Analysis Time..:**	01:37		
Dilution Factor:	0.98	**Initial Wgt/Vol:**	1020 mL	**Final Wgt/Vol..:**	10 mL
Analyst ID.....:	003200	**Instrument ID..:**	733		
		Method.....:	SW846 8270C		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	**0.63 J**	**2.0**	**ug/L**	**0.14**
Acenaphthylene	ND	2.0	ug/L	0.083
Acetophenone	ND	9.8	ug/L	0.22
Anthracene	ND	2.0	ug/L	1.0
Atrazine	ND	9.8	ug/L	0.20
Benzo(a)anthracene	ND	2.0	ug/L	0.17
Benzo(a)pyrene	ND	2.0	ug/L	0.11
Benzo(b)fluoranthene	ND	2.0	ug/L	0.16
Benzo(ghi)perylene	ND	2.0	ug/L	0.14
Benzo(k)fluoranthene	ND	2.0	ug/L	0.16
Benzaldehyde	ND	9.8	ug/L	0.49
1,1'-Biphenyl	ND	9.8	ug/L	0.15
bis(2-Chloroethoxy) methane	ND	9.8	ug/L	0.13
bis(2-Chloroethyl)-ether	ND	2.0	ug/L	0.26
bis(2-Ethylhexyl) phthalate	ND	9.8	ug/L	0.45
4-Bromophenyl phenyl ether	ND	9.8	ug/L	0.18
Butyl benzyl phthalate	ND	9.8	ug/L	3.0
Caprolactam	ND	49	ug/L	7.1
Carbazole	ND	2.0	ug/L	0.13
4-Chloroaniline	ND	9.8	ug/L	1.1
4-Chloro-3-methylphenol	ND	9.8	ug/L	0.25
2-Chloronaphthalene	ND	2.0	ug/L	0.15
2-Chlorophenol	ND	9.8	ug/L	0.21
4-Chlorophenyl phenyl ether	ND	9.8	ug/L	0.10
Chrysene	ND	2.0	ug/L	0.11
Dibenz(a,h)anthracene	ND	2.0	ug/L	0.12
Dibenzofuran	ND	9.8	ug/L	0.18
3,3'-Dichlorobenzidine	ND	9.8	ug/L	0.35
2,4-Dichlorophenol	ND	2.0	ug/L	0.13
Diethyl phthalate	ND	9.8	ug/L	0.44
2,4-Dimethylphenol	ND	9.8	ug/L	0.079
Dimethyl phthalate	ND	9.8	ug/L	0.14

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AECOM, Inc

Client Sample ID: MW-4

GC/MS Semivolatiles

Lot-Sample #...: C8L100288-001 Work Order #...: K4FMX1AC Matrix.....: WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-butyl phthalate	ND	9.8	ug/L	0.29
4,6-Dinitro-2-methylphenol	ND	49	ug/L	7.6
2,4-Dinitrophenol	ND	49	ug/L	6.0
2,4-Dinitrotoluene	ND	9.8	ug/L	0.16
2,6-Dinitrotoluene	ND	9.8	ug/L	0.19
Di-n-octyl phthalate	ND	9.8	ug/L	0.15
Fluoranthene	**0.31 J**	**2.0**	**ug/L**	**0.098**
Fluorene	ND	2.0	ug/L	0.097
Hexachlorobenzene	ND	2.0	ug/L	0.18
Hexachlorobutadiene	ND	2.0	ug/L	0.12
Hexachlorocyclopentadiene	ND	9.8	ug/L	0.11
Hexachloroethane	ND	9.8	ug/L	0.075
Indeno(1,2,3-cd)pyrene	ND	2.0	ug/L	0.16
Isophorone	ND	9.8	ug/L	0.28
2-Methylnaphthalene	ND	2.0	ug/L	0.15
2-Methylphenol	ND	9.8	ug/L	0.14
4-Methylphenol	ND	9.8	ug/L	0.17
Naphthalene	ND	2.0	ug/L	0.27
2-Nitroaniline	ND	49	ug/L	0.16
3-Nitroaniline	ND	49	ug/L	0.25
4-Nitroaniline	ND	49	ug/L	0.22
Nitrobenzene	ND	2.0	ug/L	0.18
2-Nitrophenol	ND	9.8	ug/L	0.14
4-Nitrophenol	ND	49	ug/L	3.8
N-Nitrosodi-n-propylamine	ND	2.0	ug/L	0.38
N-Nitrosodiphenylamine	ND	2.0	ug/L	0.13
2,2'-oxybis(1-Chloropropane)	ND	2.0	ug/L	0.34
Pentachlorophenol	ND	9.8	ug/L	1.8
Phenanthrene	ND	2.0	ug/L	0.28
Phenol	ND	2.0	ug/L	0.23
Pyrene	**0.26 J**	**2.0**	**ug/L**	**0.11**
2,4,5-Trichlorophenol	ND	9.8	ug/L	0.15
2,4,6-Trichlorophenol	ND	9.8	ug/L	0.089

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AECOM, Inc

Client Sample ID: MW-4

GC/MS Semivolatiles

Lot-Sample #...: C8L100288-001 Work Order #...: K4FMX1AC Matrix.....: WG

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	76	(33 - 122)
2-Fluorobiphenyl	67	(35 - 108)
2-Fluorophenol	51	(26 - 100)
Nitrobenzene-d5	65	(37 - 104)
Phenol-d5	55	(30 - 102)
Terphenyl-d14	61	(25 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

AECOM, Inc

Client Sample ID: MW-1

GC/MS Semivolatiles

Lot-Sample #...:	C8L100288-002	**Work Order #...:**	K4FM71AJ	**Matrix.....:**	WG
Date Sampled...:	12/09/08 13:18	**Date Received..:**	12/10/08 10:15	**MS Run #.....:**	8350082
Prep Date.....:	12/15/08	**Analysis Date..:**	12/19/08		
Prep Batch #...:	8350174	**Analysis Time..:**	01:56		
Dilution Factor:	1.08	**Initial Wgt/Vol:**	930 mL	**Final Wgt/Vol..:**	10 mL
Analyst ID.....:	003200	**Instrument ID..:**	733		
		Method.....:	SW846 8270C		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	**3.8**	**2.2**	**ug/L**	**0.16**
Acenaphthylene	ND	2.2	ug/L	0.091
Acetophenone	ND	11	ug/L	0.24
Anthracene	ND	2.2	ug/L	1.1
Atrazine	ND	11	ug/L	0.22
Benzo(a)anthracene	ND	2.2	ug/L	0.19
Benzo(a)pyrene	ND	2.2	ug/L	0.13
Benzo(b)fluoranthene	ND	2.2	ug/L	0.18
Benzo(ghi)perylene	ND	2.2	ug/L	0.16
Benzo(k)fluoranthene	ND	2.2	ug/L	0.18
Benzaldehyde	ND	11	ug/L	0.54
1,1'-Biphenyl	**0.21 J**	**11**	**ug/L**	**0.17**
bis(2-Chloroethoxy) methane	ND	11	ug/L	0.15
bis(2-Chloroethyl)-ether	ND	2.2	ug/L	0.28
bis(2-Ethylhexyl) phthalate	ND	11	ug/L	0.50
4-Bromophenyl phenyl ether	ND	11	ug/L	0.20
Butyl benzyl phthalate	ND	11	ug/L	3.3
Caprolactam	ND	54	ug/L	7.8
Carbazole	**2.2**	**2.2**	**ug/L**	**0.15**
4-Chloroaniline	ND	11	ug/L	1.2
4-Chloro-3-methylphenol	ND	11	ug/L	0.27
2-Chloronaphthalene	ND	2.2	ug/L	0.16
2-Chlorophenol	ND	11	ug/L	0.23
4-Chlorophenyl phenyl ether	ND	11	ug/L	0.11
Chrysene	ND	2.2	ug/L	0.12
Dibenz(a,h)anthracene	ND	2.2	ug/L	0.14
Dibenzofuran	ND	11	ug/L	0.20
3,3'-Dichlorobenzidine	ND	11	ug/L	0.39
2,4-Dichlorophenol	ND	2.2	ug/L	0.15
Diethyl phthalate	ND	11	ug/L	0.48
2,4-Dimethylphenol	ND	11	ug/L	0.087
Dimethyl phthalate	ND	11	ug/L	0.15

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AECOM, Inc

Client Sample ID: MW-1

GC/MS Semivolatiles

Lot-Sample #...: C8L100288-002 Work Order #...: K4FM71AJ Matrix.....: WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-butyl phthalate	ND	11	ug/L	0.32
4,6-Dinitro-2-methylphenol	ND	54	ug/L	8.4
2,4-Dinitrophenol	ND	54	ug/L	6.6
2,4-Dinitrotoluene	ND	11	ug/L	0.18
2,6-Dinitrotoluene	ND	11	ug/L	0.21
Di-n-octyl phthalate	ND	11	ug/L	0.17
Fluoranthene	ND	2.2	ug/L	0.11
Fluorene	ND	2.2	ug/L	0.11
Hexachlorobenzene	ND	2.2	ug/L	0.20
Hexachlorobutadiene	ND	2.2	ug/L	0.13
Hexachlorocyclopentadiene	ND	11	ug/L	0.12
Hexachloroethane	ND	11	ug/L	0.083
Indeno(1,2,3-cd)pyrene	ND	2.2	ug/L	0.17
Isophorone	ND	11	ug/L	0.31
2-Methylnaphthalene	ND	2.2	ug/L	0.17
2-Methylphenol	ND	11	ug/L	0.15
4-Methylphenol	ND	11	ug/L	0.19
Naphthalene	ND	2.2	ug/L	0.30
2-Nitroaniline	ND	54	ug/L	0.18
3-Nitroaniline	ND	54	ug/L	0.28
4-Nitroaniline	ND	54	ug/L	0.25
Nitrobenzene	ND	2.2	ug/L	0.19
2-Nitrophenol	ND	11	ug/L	0.15
4-Nitrophenol	ND	54	ug/L	4.2
N-Nitrosodi-n-propylamine	ND	2.2	ug/L	0.42
N-Nitrosodiphenylamine	ND	2.2	ug/L	0.15
2,2'-oxybis(1-Chloropropane)	ND	2.2	ug/L	0.37
Pentachlorophenol	ND	11	ug/L	2.0
Phenanthrene	ND	2.2	ug/L	0.31
Phenol	ND	2.2	ug/L	0.26
Pyrene	ND	2.2	ug/L	0.12
2,4,5-Trichlorophenol	ND	11	ug/L	0.16
2,4,6-Trichlorophenol	ND	11	ug/L	0.098

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AECOM, Inc

Client Sample ID: MW-1

GC/MS Semivolatiles

Lot-Sample #...: C8L100288-002 Work Order #...: K4FM71AJ Matrix.....: WG

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	87	(33 - 122)
2-Fluorobiphenyl	76	(35 - 108)
2-Fluorophenol	66	(26 - 100)
Nitrobenzene-d5	75	(37 - 104)
Phenol-d5	71	(30 - 102)
Terphenyl-d14	51	(25 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

AECOM, Inc

Client Sample ID: MW-1D

GC/MS Semivolatiles

Lot-Sample #...: C8L100288-003	Work Order #...: K4FM91AJ	Matrix.....: WG
Date Sampled...: 12/09/08 11:38	Date Received..: 12/10/08 10:15	MS Run #.....: 8350082
Prep Date.....: 12/15/08	Analysis Date..: 12/19/08	
Prep Batch #...: 8350174	Analysis Time..: 02:16	
Dilution Factor: 0.97	Initial Wgt/Vol: 1030 mL	Final Wgt/Vol..: 10 mL
Analyst ID.....: 003200	Instrument ID..: 733	
	Method.....: SW846 8270C	

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	**0.56 J**	**1.9**	**ug/L**	**0.14**
Acenaphthylene	**1.1 J**	**1.9**	**ug/L**	**0.082**
Acetophenone	**0.28 J**	**9.7**	**ug/L**	**0.21**
Anthracene	ND	1.9	ug/L	1.0
Atrazine	ND	9.7	ug/L	0.20
Benzo(a)anthracene	ND	1.9	ug/L	0.17
Benzo(a)pyrene	ND	1.9	ug/L	0.11
Benzo(b)fluoranthene	ND	1.9	ug/L	0.16
Benzo(ghi)perylene	ND	1.9	ug/L	0.14
Benzo(k)fluoranthene	ND	1.9	ug/L	0.16
Benzaldehyde	ND	9.7	ug/L	0.49
1,1'-Biphenyl	**0.52 J**	**9.7**	**ug/L**	**0.15**
bis(2-Chloroethoxy) methane	ND	9.7	ug/L	0.13
bis(2-Chloroethyl)-ether	ND	1.9	ug/L	0.26
bis(2-Ethylhexyl) phthalate	ND	9.7	ug/L	0.45
4-Bromophenyl phenyl ether	ND	9.7	ug/L	0.18
Butyl benzyl phthalate	ND	9.7	ug/L	3.0
Caprolactam	ND	48	ug/L	7.0
Carbazole	**1.5 J**	**1.9**	**ug/L**	**0.13**
4-Chloroaniline	ND	9.7	ug/L	1.1
4-Chloro-3-methylphenol	ND	9.7	ug/L	0.25
2-Chloronaphthalene	ND	1.9	ug/L	0.15
2-Chlorophenol	ND	9.7	ug/L	0.20
4-Chlorophenyl phenyl ether	ND	9.7	ug/L	0.10
Chrysene	ND	1.9	ug/L	0.10
Dibenz(a,h)anthracene	ND	1.9	ug/L	0.12
Dibenzofuran	**0.95 J**	**9.7**	**ug/L**	**0.18**
3,3'-Dichlorobenzidine	ND	9.7	ug/L	0.35
2,4-Dichlorophenol	ND	1.9	ug/L	0.13
Diethyl phthalate	ND	9.7	ug/L	0.44
2,4-Dimethylphenol	**1.0 J**	**9.7**	**ug/L**	**0.078**
Dimethyl phthalate	ND	9.7	ug/L	0.14

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AECOM, Inc

Client Sample ID: MW-1D

GC/MS Semivolatiles

Lot-Sample #...: C8L100288-003 Work Order #...: K4FM91AJ Matrix.....: WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-butyl phthalate	ND	9.7	ug/L	0.29
4,6-Dinitro-2-methylphenol	ND	48	ug/L	7.6
2,4-Dinitrophenol	ND	48	ug/L	6.0
2,4-Dinitrotoluene	ND	9.7	ug/L	0.16
2,6-Dinitrotoluene	ND	9.7	ug/L	0.19
Di-n-octyl phthalate	ND	9.7	ug/L	0.15
Fluoranthene	**0.44 J**	**1.9**	**ug/L**	**0.097**
Fluorene	**1.3 J**	**1.9**	**ug/L**	**0.096**
Hexachlorobenzene	ND	1.9	ug/L	0.18
Hexachlorobutadiene	ND	1.9	ug/L	0.12
Hexachlorocyclopentadiene	ND	9.7	ug/L	0.11
Hexachloroethane	ND	9.7	ug/L	0.074
Indeno(1,2,3-cd)pyrene	ND	1.9	ug/L	0.16
Isophorone	ND	9.7	ug/L	0.28
2-Methylnaphthalene	**1.8 J**	**1.9**	**ug/L**	**0.15**
2-Methylphenol	ND	9.7	ug/L	0.14
4-Methylphenol	ND	9.7	ug/L	0.17
Naphthalene	**11**	**1.9**	**ug/L**	**0.27**
2-Nitroaniline	ND	48	ug/L	0.16
3-Nitroaniline	ND	48	ug/L	0.25
4-Nitroaniline	ND	48	ug/L	0.22
Nitrobenzene	ND	1.9	ug/L	0.17
2-Nitrophenol	ND	9.7	ug/L	0.14
4-Nitrophenol	ND	48	ug/L	3.8
N-Nitrosodi-n-propylamine	ND	1.9	ug/L	0.37
N-Nitrosodiphenylamine	ND	1.9	ug/L	0.13
2,2'-oxybis(1-Chloropropane)	ND	1.9	ug/L	0.34
Pentachlorophenol	ND	9.7	ug/L	1.8
Phenanthrene	**2.2**	**1.9**	**ug/L**	**0.28**
Phenol	**200**	**1.9**	**ug/L**	**0.23**
Pyrene	**0.35 J**	**1.9**	**ug/L**	**0.11**
2,4,5-Trichlorophenol	ND	9.7	ug/L	0.15
2,4,6-Trichlorophenol	ND	9.7	ug/L	0.088

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AECOM, Inc

Client Sample ID: MW-1D

GC/MS Semivolatiles

Lot-Sample #...: C8L100288-003 Work Order #...: K4FM91AJ Matrix.....: WG

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	80	(33 - 122)
2-Fluorobiphenyl	72	(35 - 108)
2-Fluorophenol	64	(26 - 100)
Nitrobenzene-d5	73	(37 - 104)
Phenol-d5	64	(30 - 102)
Terphenyl-d14	50	(25 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

AECOM, Inc

Client Sample ID: MW-10

GC/MS Semivolatiles

Lot-Sample #...: C8L100288-004	Work Order #...: K4FNA1AJ	Matrix.....: WG
Date Sampled...: 12/09/08 09:08	Date Received..: 12/10/08 10:15	MS Run #.....: 8350082
Prep Date.....: 12/15/08	Analysis Date..: 12/19/08	
Prep Batch #...: 8350174	Analysis Time..: 02:36	
Dilution Factor: 0.96	Initial Wgt/Vol: 1040 mL	Final Wgt/Vol..: 10 mL
Analyst ID.....: 003200	Instrument ID..: 733	
	Method.....: SW846 8270C	

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	1.9	ug/L	0.14
Acenaphthylene	ND	1.9	ug/L	0.081
Acetophenone	ND	9.6	ug/L	0.21
Anthracene	ND	1.9	ug/L	1.0
Atrazine	ND	9.6	ug/L	0.19
Benzo(a)anthracene	ND	1.9	ug/L	0.17
Benzo(a)pyrene	ND	1.9	ug/L	0.11
Benzo(b)fluoranthene	ND	1.9	ug/L	0.16
Benzo(ghi)perylene	ND	1.9	ug/L	0.14
Benzo(k)fluoranthene	ND	1.9	ug/L	0.16
Benzaldehyde	ND	9.6	ug/L	0.48
1,1'-Biphenyl	ND	9.6	ug/L	0.15
bis(2-Chloroethoxy) methane	ND	9.6	ug/L	0.13
bis(2-Chloroethyl)-ether	ND	1.9	ug/L	0.25
bis(2-Ethylhexyl) phthalate	ND	9.6	ug/L	0.44
4-Bromophenyl phenyl ether	ND	9.6	ug/L	0.18
Butyl benzyl phthalate	ND	9.6	ug/L	2.9
Caprolactam	ND	48	ug/L	6.9
Carbazole	ND	1.9	ug/L	0.13
4-Chloroaniline	ND	9.6	ug/L	1.0
4-Chloro-3-methylphenol	ND	9.6	ug/L	0.24
2-Chloronaphthalene	ND	1.9	ug/L	0.15
2-Chlorophenol	ND	9.6	ug/L	0.20
4-Chlorophenyl phenyl ether	ND	9.6	ug/L	0.10
Chrysene	ND	1.9	ug/L	0.10
Dibenz(a,h)anthracene	ND	1.9	ug/L	0.12
Dibenzofuran	ND	9.6	ug/L	0.18
3,3'-Dichlorobenzidine	ND	9.6	ug/L	0.35
2,4-Dichlorophenol	ND	1.9	ug/L	0.13
Diethyl phthalate	ND	9.6	ug/L	0.43
2,4-Dimethylphenol	ND	9.6	ug/L	0.077
Dimethyl phthalate	ND	9.6	ug/L	0.13

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AECOM, Inc

Client Sample ID: MW-10

GC/MS Semivolatiles

Lot-Sample #...: C8L100288-004 Work Order #...: K4FNA1AJ Matrix.....: WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-butyl phthalate	ND	9.6	ug/L	0.29
4,6-Dinitro-2-methylphenol	ND	48	ug/L	7.5
2,4-Dinitrophenol	ND	48	ug/L	5.9
2,4-Dinitrotoluene	ND	9.6	ug/L	0.16
2,6-Dinitrotoluene	ND	9.6	ug/L	0.18
Di-n-octyl phthalate	ND	9.6	ug/L	0.15
Fluoranthene	ND	1.9	ug/L	0.096
Fluorene	ND	1.9	ug/L	0.095
Hexachlorobenzene	ND	1.9	ug/L	0.17
Hexachlorobutadiene	ND	1.9	ug/L	0.12
Hexachlorocyclopentadiene	ND	9.6	ug/L	0.11
Hexachloroethane	ND	9.6	ug/L	0.074
Indeno(1,2,3-cd)pyrene	ND	1.9	ug/L	0.15
Isophorone	ND	9.6	ug/L	0.28
2-Methylnaphthalene	ND	1.9	ug/L	0.15
2-Methylphenol	ND	9.6	ug/L	0.13
4-Methylphenol	ND	9.6	ug/L	0.17
Naphthalene	ND	1.9	ug/L	0.27
2-Nitroaniline	ND	48	ug/L	0.16
3-Nitroaniline	ND	48	ug/L	0.25
4-Nitroaniline	ND	48	ug/L	0.22
Nitrobenzene	ND	1.9	ug/L	0.17
2-Nitrophenol	ND	9.6	ug/L	0.13
4-Nitrophenol	ND	48	ug/L	3.8
N-Nitrosodi-n-propylamine	ND	1.9	ug/L	0.37
N-Nitrosodiphenylamine	ND	1.9	ug/L	0.13
2,2'-oxybis(1-Chloropropane)	ND	1.9	ug/L	0.33
Pentachlorophenol	ND	9.6	ug/L	1.8
Phenanthrene	ND	1.9	ug/L	0.27
Phenol	ND	1.9	ug/L	0.23
Pyrene	ND	1.9	ug/L	0.11
2,4,5-Trichlorophenol	ND	9.6	ug/L	0.15
2,4,6-Trichlorophenol	ND	9.6	ug/L	0.087

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AECOM, Inc

Client Sample ID: MW-10

GC/MS Semivolatiles

Lot-Sample #...: C8L100288-004 Work Order #...: K4FNA1AJ Matrix.....: WG

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	79	(33 - 122)
2-Fluorobiphenyl	70	(35 - 108)
2-Fluorophenol	57	(26 - 100)
Nitrobenzene-d5	70	(37 - 104)
Phenol-d5	62	(30 - 102)
Terphenyl-d14	76	(25 - 130)

AECOM, Inc

Client Sample ID: MW-2

GC/MS Semivolatiles

Lot-Sample #...:	C8L100288-005	**Work Order #...:**	K4FNG1AJ	**Matrix.....:**	WG
Date Sampled...:	12/09/08 09:00	**Date Received..:**	12/10/08 10:15	**MS Run #.....:**	8350082
Prep Date.....:	12/15/08	**Analysis Date..:**	12/19/08		
Prep Batch #...:	8350174	**Analysis Time..:**	03:36		
Dilution Factor:	0.98	**Initial Wgt/Vol:**	1020 mL	**Final Wgt/Vol..:**	10 mL
Analyst ID.....:	003200	**Instrument ID..:**	733		
		Method.....:	SW846 8270C		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	2.0	ug/L	0.14
Acenaphthylene	ND	2.0	ug/L	0.083
Acetophenone	ND	9.8	ug/L	0.22
Anthracene	ND	2.0	ug/L	1.0
Atrazine	ND	9.8	ug/L	0.20
Benzo(a)anthracene	ND	2.0	ug/L	0.17
Benzo(a)pyrene	ND	2.0	ug/L	0.11
Benzo(b)fluoranthene	ND	2.0	ug/L	0.16
Benzo(ghi)perylene	ND	2.0	ug/L	0.14
Benzo(k)fluoranthene	ND	2.0	ug/L	0.16
Benzaldehyde	ND	9.8	ug/L	0.49
1,1'-Biphenyl	ND	9.8	ug/L	0.15
bis(2-Chloroethoxy) methane	ND	9.8	ug/L	0.13
bis(2-Chloroethyl)-ether	ND	2.0	ug/L	0.26
bis(2-Ethylhexyl) phthalate	ND	9.8	ug/L	0.45
4-Bromophenyl phenyl ether	ND	9.8	ug/L	0.18
Butyl benzyl phthalate	ND	9.8	ug/L	3.0
Caprolactam	ND	49	ug/L	7.1
Carbazole	ND	2.0	ug/L	0.13
4-Chloroaniline	ND	9.8	ug/L	1.1
4-Chloro-3-methylphenol	ND	9.8	ug/L	0.25
2-Chloronaphthalene	ND	2.0	ug/L	0.15
2-Chlorophenol	ND	9.8	ug/L	0.21
4-Chlorophenyl phenyl ether	ND	9.8	ug/L	0.10
Chrysene	ND	2.0	ug/L	0.11
Dibenz(a,h)anthracene	ND	2.0	ug/L	0.12
Dibenzofuran	ND	9.8	ug/L	0.18
3,3'-Dichlorobenzidine	ND	9.8	ug/L	0.35
2,4-Dichlorophenol	ND	2.0	ug/L	0.13
Diethyl phthalate	ND	9.8	ug/L	0.44
2,4-Dimethylphenol	ND	9.8	ug/L	0.079
Dimethyl phthalate	ND	9.8	ug/L	0.14

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AECOM, Inc

Client Sample ID: MW-2

GC/MS Semivolatiles

Lot-Sample #...: C8L100288-005 Work Order #...: K4FNG1AJ Matrix.....: WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-butyl phthalate	ND	9.8	ug/L	0.29
4,6-Dinitro-2-methylphenol	ND	49	ug/L	7.6
2,4-Dinitrophenol	ND	49	ug/L	6.0
2,4-Dinitrotoluene	ND	9.8	ug/L	0.16
2,6-Dinitrotoluene	ND	9.8	ug/L	0.19
Di-n-octyl phthalate	ND	9.8	ug/L	0.15
Fluoranthene	ND	2.0	ug/L	0.098
Fluorene	ND	2.0	ug/L	0.097
Hexachlorobenzene	ND	2.0	ug/L	0.18
Hexachlorobutadiene	ND	2.0	ug/L	0.12
Hexachlorocyclopentadiene	ND	9.8	ug/L	0.11
Hexachloroethane	ND	9.8	ug/L	0.075
Indeno(1,2,3-cd)pyrene	ND	2.0	ug/L	0.16
Isophorone	ND	9.8	ug/L	0.28
2-Methylnaphthalene	ND	2.0	ug/L	0.15
2-Methylphenol	ND	9.8	ug/L	0.14
4-Methylphenol	ND	9.8	ug/L	0.17
Naphthalene	ND	2.0	ug/L	0.27
2-Nitroaniline	ND	49	ug/L	0.16
3-Nitroaniline	ND	49	ug/L	0.25
4-Nitroaniline	ND	49	ug/L	0.22
Nitrobenzene	ND	2.0	ug/L	0.18
2-Nitrophenol	ND	9.8	ug/L	0.14
4-Nitrophenol	ND	49	ug/L	3.8
N-Nitrosodi-n-propylamine	ND	2.0	ug/L	0.38
N-Nitrosodiphenylamine	ND	2.0	ug/L	0.13
2,2'-oxybis (1-Chloropropane)	ND	2.0	ug/L	0.34
Pentachlorophenol	ND	9.8	ug/L	1.8
Phenanthrene	ND	2.0	ug/L	0.28
Phenol	ND	2.0	ug/L	0.23
Pyrene	ND	2.0	ug/L	0.11
2,4,5-Trichlorophenol	ND	9.8	ug/L	0.15
2,4,6-Trichlorophenol	ND	9.8	ug/L	0.089

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AECOM, Inc

Client Sample ID: MW-2

GC/MS Semivolatiles

Lot-Sample #...: C8L100288-005 Work Order #...: K4FNG1AJ Matrix.....: WG

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	80	(33 - 122)
2-Fluorobiphenyl	68	(35 - 108)
2-Fluorophenol	59	(26 - 100)
Nitrobenzene-d5	68	(37 - 104)
Phenol-d5	62	(30 - 102)
Terphenyl-d14	72	(25 - 130)

AECOM, Inc

Client Sample ID: MW-3

GC/MS Semivolatiles

Lot-Sample #...: C8L100288-006	Work Order #...: K4FPE1AJ	Matrix.....: WG
Date Sampled...: 12/09/08 10:45	Date Received..: 12/10/08 10:15	MS Run #.....: 8350082
Prep Date.....: 12/15/08	Analysis Date..: 12/19/08	
Prep Batch #...: 8350174	Analysis Time..: 04:36	
Dilution Factor: 0.96	Initial Wgt/Vol: 1040 mL	Final Wgt/Vol..: 10 mL
Analyst ID.....: 003200	Instrument ID..: 733	
	Method.....: SW846 8270C	

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	1.9	ug/L	0.14
Acenaphthylene	ND	1.9	ug/L	0.081
Acetophenone	ND	9.6	ug/L	0.21
Anthracene	ND	1.9	ug/L	1.0
Atrazine	ND	9.6	ug/L	0.19
Benzo(a)anthracene	ND	1.9	ug/L	0.17
Benzo(a)pyrene	ND	1.9	ug/L	0.11
Benzo(b)fluoranthene	ND	1.9	ug/L	0.16
Benzo(ghi)perylene	ND	1.9	ug/L	0.14
Benzo(k)fluoranthene	ND	1.9	ug/L	0.16
Benzaldehyde	ND	9.6	ug/L	0.48
1,1'-Biphenyl	ND	9.6	ug/L	0.15
bis(2-Chloroethoxy) methane	ND	9.6	ug/L	0.13
bis(2-Chloroethyl)-ether	ND	1.9	ug/L	0.25
bis(2-Ethylhexyl) phthalate	ND	9.6	ug/L	0.44
4-Bromophenyl phenyl ether	ND	9.6	ug/L	0.18
Butyl benzyl phthalate	ND	9.6	ug/L	2.9
Caprolactam	ND	48	ug/L	6.9
Carbazole	ND	1.9	ug/L	0.13
4-Chloroaniline	ND	9.6	ug/L	1.0
4-Chloro-3-methylphenol	ND	9.6	ug/L	0.24
2-Chloronaphthalene	ND	1.9	ug/L	0.15
2-Chlorophenol	ND	9.6	ug/L	0.20
4-Chlorophenyl phenyl ether	ND	9.6	ug/L	0.10
Chrysene	ND	1.9	ug/L	0.10
Dibenz(a,h)anthracene	ND	1.9	ug/L	0.12
Dibenzofuran	ND	9.6	ug/L	0.18
3,3'-Dichlorobenzidine	ND	9.6	ug/L	0.35
2,4-Dichlorophenol	ND	1.9	ug/L	0.13
Diethyl phthalate	ND	9.6	ug/L	0.43
2,4-Dimethylphenol	ND	9.6	ug/L	0.077
Dimethyl phthalate	ND	9.6	ug/L	0.13

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AECOM, Inc

Client Sample ID: MW-3

GC/MS Semivolatiles

Lot-Sample #...: C8L100288-006 Work Order #...: K4FPE1AJ Matrix.....: WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-butyl phthalate	ND	9.6	ug/L	0.29
4,6-Dinitro-2-methylphenol	ND	48	ug/L	7.5
2,4-Dinitrophenol	ND	48	ug/L	5.9
2,4-Dinitrotoluene	ND	9.6	ug/L	0.16
2,6-Dinitrotoluene	ND	9.6	ug/L	0.18
Di-n-octyl phthalate	ND	9.6	ug/L	0.15
Fluoranthene	**0.21 J**	**1.9**	**ug/L**	**0.096**
Fluorene	**1.2 J**	**1.9**	**ug/L**	**0.095**
Hexachlorobenzene	ND	1.9	ug/L	0.17
Hexachlorobutadiene	ND	1.9	ug/L	0.12
Hexachlorocyclopentadiene	ND	9.6	ug/L	0.11
Hexachloroethane	ND	9.6	ug/L	0.074
Indeno(1,2,3-cd)pyrene	ND	1.9	ug/L	0.15
Isophorone	ND	9.6	ug/L	0.28
2-Methylnaphthalene	ND	1.9	ug/L	0.15
2-Methylphenol	ND	9.6	ug/L	0.13
4-Methylphenol	ND	9.6	ug/L	0.17
Naphthalene	ND	1.9	ug/L	0.27
2-Nitroaniline	ND	48	ug/L	0.16
3-Nitroaniline	ND	48	ug/L	0.25
4-Nitroaniline	ND	48	ug/L	0.22
Nitrobenzene	ND	1.9	ug/L	0.17
2-Nitrophenol	ND	9.6	ug/L	0.13
4-Nitrophenol	ND	48	ug/L	3.8
N-Nitrosodi-n-propylamine	ND	1.9	ug/L	0.37
N-Nitrosodiphenylamine	ND	1.9	ug/L	0.13
2,2'-oxybis(1-Chloropropane)	ND	1.9	ug/L	0.33
Pentachlorophenol	ND	9.6	ug/L	1.8
Phenanthrene	**3.2**	**1.9**	**ug/L**	**0.27**
Phenol	ND	1.9	ug/L	0.23
Pyrene	**0.29 J**	**1.9**	**ug/L**	**0.11**
2,4,5-Trichlorophenol	ND	9.6	ug/L	0.15
2,4,6-Trichlorophenol	ND	9.6	ug/L	0.087

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AECOM, Inc

Client Sample ID: MW-3

GC/MS Semivolatiles

Lot-Sample #...: C8L100288-006 Work Order #...: K4FPE1AJ Matrix.....: WG

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	79	(33 - 122)
2-Fluorobiphenyl	72	(35 - 108)
2-Fluorophenol	59	(26 - 100)
Nitrobenzene-d5	70	(37 - 104)
Phenol-d5	64	(30 - 102)
Terphenyl-d14	77	(25 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

AECOM, Inc

Client Sample ID: MW-5

GC/MS Semivolatiles

Lot-Sample #...: C8L100288-007	Work Order #...: K4FPF1AJ	Matrix.....: WG
Date Sampled...: 12/09/08 11:55	Date Received..: 12/10/08 10:15	MS Run #.....: 8350082
Prep Date.....: 12/15/08	Analysis Date..: 12/19/08	
Prep Batch #...: 8350174	Analysis Time..: 04:56	
Dilution Factor: 0.97	Initial Wgt/Vol: 1030 mL	Final Wgt/Vol..: 10 mL
Analyst ID.....: 003200	Instrument ID..: 733	
	Method.....: SW846 8270C	

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	1.9	ug/L	0.14
Acenaphthylene	ND	1.9	ug/L	0.082
Acetophenone	ND	9.7	ug/L	0.21
Anthracene	ND	1.9	ug/L	1.0
Atrazine	ND	9.7	ug/L	0.20
Benzo(a)anthracene	ND	1.9	ug/L	0.17
Benzo(a)pyrene	ND	1.9	ug/L	0.11
Benzo(b)fluoranthene	ND	1.9	ug/L	0.16
Benzo(ghi)perylene	ND	1.9	ug/L	0.14
Benzo(k)fluoranthene	ND	1.9	ug/L	0.16
Benzaldehyde	ND	9.7	ug/L	0.49
1,1'-Biphenyl	ND	9.7	ug/L	0.15
bis(2-Chloroethoxy) methane	ND	9.7	ug/L	0.13
bis(2-Chloroethyl)-ether	ND	1.9	ug/L	0.26
bis(2-Ethylhexyl) phthalate	ND	9.7	ug/L	0.45
4-Bromophenyl phenyl ether	ND	9.7	ug/L	0.18
Butyl benzyl phthalate	ND	9.7	ug/L	3.0
Caprolactam	ND	48	ug/L	7.0
Carbazole	ND	1.9	ug/L	0.13
4-Chloroaniline	ND	9.7	ug/L	1.1
4-Chloro-3-methylphenol	ND	9.7	ug/L	0.25
2-Chloronaphthalene	ND	1.9	ug/L	0.15
2-Chlorophenol	ND	9.7	ug/L	0.20
4-Chlorophenyl phenyl ether	ND	9.7	ug/L	0.10
Chrysene	ND	1.9	ug/L	0.10
Dibenz(a,h)anthracene	ND	1.9	ug/L	0.12
Dibenzofuran	ND	9.7	ug/L	0.18
3,3'-Dichlorobenzidine	ND	9.7	ug/L	0.35
2,4-Dichlorophenol	ND	1.9	ug/L	0.13
Diethyl phthalate	ND	9.7	ug/L	0.44
2,4-Dimethylphenol	ND	9.7	ug/L	0.078
Dimethyl phthalate	ND	9.7	ug/L	0.14

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AECOM, Inc

Client Sample ID: MW-5

GC/MS Semivolatiles

Lot-Sample #...: C8L100288-007 Work Order #...: K4FPF1AJ Matrix.....: WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-butyl phthalate	ND	9.7	ug/L	0.29
4,6-Dinitro-2-methylphenol	ND	48	ug/L	7.6
2,4-Dinitrophenol	ND	48	ug/L	6.0
2,4-Dinitrotoluene	ND	9.7	ug/L	0.16
2,6-Dinitrotoluene	ND	9.7	ug/L	0.19
Di-n-octyl phthalate	ND	9.7	ug/L	0.15
Fluoranthene	ND	1.9	ug/L	0.097
Fluorene	ND	1.9	ug/L	0.096
Hexachlorobenzene	ND	1.9	ug/L	0.18
Hexachlorobutadiene	ND	1.9	ug/L	0.12
Hexachlorocyclopentadiene	ND	9.7	ug/L	0.11
Hexachloroethane	ND	9.7	ug/L	0.074
Indeno(1,2,3-cd)pyrene	ND	1.9	ug/L	0.16
Isophorone	ND	9.7	ug/L	0.28
2-Methylnaphthalene	ND	1.9	ug/L	0.15
2-Methylphenol	ND	9.7	ug/L	0.14
4-Methylphenol	ND	9.7	ug/L	0.17
Naphthalene	ND	1.9	ug/L	0.27
2-Nitroaniline	ND	48	ug/L	0.16
3-Nitroaniline	ND	48	ug/L	0.25
4-Nitroaniline	ND	48	ug/L	0.22
Nitrobenzene	ND	1.9	ug/L	0.17
2-Nitrophenol	ND	9.7	ug/L	0.14
4-Nitrophenol	ND	48	ug/L	3.8
N-Nitrosodi-n-propylamine	ND	1.9	ug/L	0.37
N-Nitrosodiphenylamine	ND	1.9	ug/L	0.13
2,2'-oxybis(1-Chloropropane)	ND	1.9	ug/L	0.34
Pentachlorophenol	ND	9.7	ug/L	1.8
Phenanthrene	ND	1.9	ug/L	0.28
Phenol	ND	1.9	ug/L	0.23
Pyrene	ND	1.9	ug/L	0.11
2,4,5-Trichlorophenol	ND	9.7	ug/L	0.15
2,4,6-Trichlorophenol	ND	9.7	ug/L	0.088

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AECOM, Inc

Client Sample ID: MW-5

GC/MS Semivolatiles

Lot-Sample #...: C8L100288-007 Work Order #...: K4FPF1AJ Matrix.....: WG

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	81	(33 - 122)
2-Fluorobiphenyl	68	(35 - 108)
2-Fluorophenol	60	(26 - 100)
Nitrobenzene-d5	68	(37 - 104)
Phenol-d5	66	(30 - 102)
Terphenyl-d14	85	(25 - 130)

AECOM, Inc

Client Sample ID: MW-11D

GC/MS Semivolatiles

Lot-Sample #...:	C8L100288-008	**Work Order #...:**	K4FPG1AJ	**Matrix.....:**	WG
Date Sampled...:	12/09/08 13:00	**Date Received..:**	12/10/08 10:15	**MS Run #.....:**	8350082
Prep Date.....:	12/15/08	**Analysis Date..:**	12/19/08		
Prep Batch #...:	8350174	**Analysis Time..:**	05:17		
Dilution Factor:	0.97	**Initial Wgt/Vol:**	1030 mL	**Final Wgt/Vol..:**	10 mL
Analyst ID.....:	003200	**Instrument ID..:**	733		
		Method.....:	SW846 8270C		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	**73**	**1.9**	**ug/L**	**0.14**
Acenaphthylene	**12**	**1.9**	**ug/L**	**0.082**
Acetophenone	ND	9.7	ug/L	0.21
Anthracene	ND	1.9	ug/L	1.0
Atrazine	ND	9.7	ug/L	0.20
Benzo(a)anthracene	ND	1.9	ug/L	0.17
Benzo(a)pyrene	ND	1.9	ug/L	0.11
Benzo(b)fluoranthene	ND	1.9	ug/L	0.16
Benzo(ghi)perylene	ND	1.9	ug/L	0.14
Benzo(k)fluoranthene	ND	1.9	ug/L	0.16
Benzaldehyde	ND	9.7	ug/L	0.49
1,1'-Biphenyl	**22**	**9.7**	**ug/L**	**0.15**
bis(2-Chloroethoxy) methane	ND	9.7	ug/L	0.13
bis(2-Chloroethyl)-ether	ND	1.9	ug/L	0.26
bis(2-Ethylhexyl) phthalate	ND	9.7	ug/L	0.45
4-Bromophenyl phenyl ether	ND	9.7	ug/L	0.18
Butyl benzyl phthalate	ND	9.7	ug/L	3.0
Caprolactam	ND	48	ug/L	7.0
Carbazole	ND	1.9	ug/L	0.13
4-Chloroaniline	ND	9.7	ug/L	1.1
4-Chloro-3-methylphenol	ND	9.7	ug/L	0.25
2-Chloronaphthalene	ND	1.9	ug/L	0.15
2-Chlorophenol	ND	9.7	ug/L	0.20
4-Chlorophenyl phenyl ether	ND	9.7	ug/L	0.10
Chrysene	ND	1.9	ug/L	0.10
Dibenz(a,h)anthracene	ND	1.9	ug/L	0.12
Dibenzofuran	**0.18 J**	**9.7**	**ug/L**	**0.18**
3,3'-Dichlorobenzidine	ND	9.7	ug/L	0.35
2,4-Dichlorophenol	ND	1.9	ug/L	0.13
Diethyl phthalate	ND	9.7	ug/L	0.44
2,4-Dimethylphenol	ND	9.7	ug/L	0.078
Dimethyl phthalate	ND	9.7	ug/L	0.14

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AECOM, Inc

Client Sample ID: MW-11D

GC/MS Semivolatiles

Lot-Sample #...: C8L100288-008 Work Order #...: K4FPG1AJ Matrix.....: WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-butyl phthalate	ND	9.7	ug/L	0.29
4,6-Dinitro-2-methylphenol	ND	48	ug/L	7.6
2,4-Dinitrophenol	ND	48	ug/L	6.0
2,4-Dinitrotoluene	ND	9.7	ug/L	0.16
2,6-Dinitrotoluene	ND	9.7	ug/L	0.19
Di-n-octyl phthalate	ND	9.7	ug/L	0.15
Fluoranthene	ND	1.9	ug/L	0.097
Fluorene	ND	1.9	ug/L	0.096
Hexachlorobenzene	ND	1.9	ug/L	0.18
Hexachlorobutadiene	ND	1.9	ug/L	0.12
Hexachlorocyclopentadiene	ND	9.7	ug/L	0.11
Hexachloroethane	ND	9.7	ug/L	0.074
Indeno(1,2,3-cd)pyrene	ND	1.9	ug/L	0.16
Isophorone	ND	9.7	ug/L	0.28
2-Methylnaphthalene	ND	1.9	ug/L	0.15
2-Methylphenol	ND	9.7	ug/L	0.14
4-Methylphenol	ND	9.7	ug/L	0.17
Naphthalene	**40**	**1.9**	**ug/L**	**0.27**
2-Nitroaniline	ND	48	ug/L	0.16
3-Nitroaniline	ND	48	ug/L	0.25
4-Nitroaniline	ND	48	ug/L	0.22
Nitrobenzene	ND	1.9	ug/L	0.17
2-Nitrophenol	ND	9.7	ug/L	0.14
4-Nitrophenol	ND	48	ug/L	3.8
N-Nitrosodi-n-propylamine	ND	1.9	ug/L	0.37
N-Nitrosodiphenylamine	ND	1.9	ug/L	0.13
2,2'-oxybis(1-Chloropropane)	ND	1.9	ug/L	0.34
Pentachlorophenol	ND	9.7	ug/L	1.8
Phenanthrene	ND	1.9	ug/L	0.28
Phenol	ND	1.9	ug/L	0.23
Pyrene	ND	1.9	ug/L	0.11
2,4,5-Trichlorophenol	ND	9.7	ug/L	0.15
2,4,6-Trichlorophenol	ND	9.7	ug/L	0.088

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AECOM, Inc

Client Sample ID: MW-11D

GC/MS Semivolatiles

Lot-Sample #...: C8L100288-008 Work Order #...: K4FPG1AJ Matrix.....: WG

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	81	(33 - 122)
2-Fluorobiphenyl	69	(35 - 108)
2-Fluorophenol	56	(26 - 100)
Nitrobenzene-d5	66	(37 - 104)
Phenol-d5	60	(30 - 102)
Terphenyl-d14	73	(25 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

AECOM, Inc

Client Sample ID: MW-6

GC/MS Semivolatiles

Lot-Sample #...: C8L110371-001	Work Order #...: K4J231AA	Matrix.....: WG	
Date Sampled...: 12/10/08 07:30	Date Received..: 12/11/08 09:50	MS Run #.....:	
Prep Date.....: 12/17/08	Analysis Date..: 12/23/08		
Prep Batch #...: 8352356	Analysis Time..: 14:20		
Dilution Factor: 1.03	Initial Wgt/Vol: 970 mL	Final Wgt/Vol..: 10 mL	
Analyst ID.....: 007062	Instrument ID..: 722		
	Method.....: SW846 8270C		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	2.1	ug/L	0.15
Acenaphthylene	ND	2.1	ug/L	0.087
Acetophenone	ND	10	ug/L	0.23
Anthracene	ND	2.1	ug/L	1.1
Atrazine	ND	10	ug/L	0.21
Benzo(a)anthracene	ND	2.1	ug/L	0.18
Benzo(a)pyrene	ND	2.1	ug/L	0.12
Benzo(b)fluoranthene	ND	2.1	ug/L	0.17
Benzo(ghi)perylene	ND	2.1	ug/L	0.15
Benzo(k)fluoranthene	ND	2.1	ug/L	0.17
Benzaldehyde	ND *10 UJ*	10	ug/L	0.52
1,1'-Biphenyl	ND	10	ug/L	0.16
bis(2-Chloroethoxy) methane	ND	10	ug/L	0.14
bis(2-Chloroethyl)-ether	ND	2.1	ug/L	0.27
bis(2-Ethylhexyl) phthalate	ND *10 UJ*	10	ug/L	0.48
4-Bromophenyl phenyl ether	ND	10	ug/L	0.19
Butyl benzyl phthalate	ND	10	ug/L	3.2
Caprolactam	ND	52	ug/L	7.4
Carbazole	ND	2.1	ug/L	0.14
4-Chloroaniline	ND *10 UJ*	10	ug/L	1.1
4-Chloro-3-methylphenol	ND	10	ug/L	0.26
2-Chloronaphthalene	ND	2.1	ug/L	0.16
2-Chlorophenol	ND	10	ug/L	0.22
4-Chlorophenyl phenyl ether	ND	10	ug/L	0.11
Chrysene	ND	2.1	ug/L	0.11
Dibenz(a,h)anthracene	ND	2.1	ug/L	0.13
Dibenzofuran	ND	10	ug/L	0.19
3,3'-Dichlorobenzidine	ND *10 UJ*	10	ug/L	0.37
2,4-Dichlorophenol	ND	2.1	ug/L	0.14
Diethyl phthalate	ND	10	ug/L	0.46
2,4-Dimethylphenol	ND	10	ug/L	0.083
Dimethyl phthalate	ND	10	ug/L	0.14

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AECOM, Inc

Client Sample ID: MW-6

GC/MS Semivolatiles

Lot-Sample #...: C8L110371-001 Work Order #...: K4J231AA Matrix.....: WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-butyl phthalate	ND	10	ug/L	0.31
4,6-Dinitro-2-methylphenol	ND 52 UJ	52	ug/L	8.0
2,4-Dinitrophenol	ND 52 UJ	52	ug/L	6.3
2,4-Dinitrotoluene	ND	10	ug/L	0.17
2,6-Dinitrotoluene	ND	10	ug/L	0.20
Di-n-octyl phthalate	ND	10	ug/L	0.16
Fluoranthene	ND	2.1	ug/L	0.10
Fluorene	ND	2.1	ug/L	0.10
Hexachlorobenzene	ND	2.1	ug/L	0.19
Hexachlorobutadiene	ND	2.1	ug/L	0.13
Hexachlorocyclopentadiene	ND 10 UJ	10	ug/L	0.12
Hexachloroethane	ND	10	ug/L	0.079
Indeno(1,2,3-cd)pyrene	ND	2.1	ug/L	0.17
Isophorone	ND	10	ug/L	0.30
2-Methylnaphthalene	ND	2.1	ug/L	0.16
2-Methylphenol	ND	10	ug/L	0.14
4-Methylphenol	ND	10	ug/L	0.18
Naphthalene	ND	2.1	ug/L	0.29
2-Nitroaniline	ND	52	ug/L	0.17
3-Nitroaniline	ND 52 UJ	52	ug/L	0.27
4-Nitroaniline	ND 52 UJ	52	ug/L	0.23
Nitrobenzene	ND	2.1	ug/L	0.19
2-Nitrophenol	ND	10	ug/L	0.14
4-Nitrophenol	ND	52	ug/L	4.0
N-Nitrosodi-n-propylamine	ND	2.1	ug/L	0.40
N-Nitrosodiphenylamine	ND	2.1	ug/L	0.14
2,2'-oxybis(1-Chloropropane)	ND	2.1	ug/L	0.36
Pentachlorophenol	ND	10	ug/L	1.9
Phenanthrene	ND	2.1	ug/L	0.29
Phenol	ND	2.1	ug/L	0.24
Pyrene	ND	2.1	ug/L	0.11
2,4,5-Trichlorophenol	ND	10	ug/L	0.16
2,4,6-Trichlorophenol	ND	10	ug/L	0.094

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AECOM, Inc

Client Sample ID: MW-6

GC/MS Semivolatiles

Lot-Sample #...: C8L110371-001 Work Order #...: K4J231AA Matrix.....: WG

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	75	(33 - 122)
2-Fluorobiphenyl	51	(35 - 108)
2-Fluorophenol	27	(26 - 100)
Nitrobenzene-d5	37	(37 - 104)
Phenol-d5	35	(30 - 102)
Terphenyl-d14	57	(25 - 130)

AECOM, Inc

Client Sample ID: MW-12

GC/MS Semivolatiles

Lot-Sample #...: C8L110371-002	Work Order #...: K4J251AC	Matrix.....: WG
Date Sampled...: 12/10/08 09:00	Date Received..: 12/11/08 09:50	MS Run #.....:
Prep Date.....: 12/17/08	Analysis Date..: 12/23/08	
Prep Batch #...: 8352356	Analysis Time..: 14:43	
Dilution Factor: 0.98	Initial Wgt/Vol: 1020 mL	Final Wgt/Vol..: 10 mL
Analyst ID.....: 007062	Instrument ID..: 722	
	Method.....: SW846 8270C	

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	2.0	ug/L	0.14
Acenaphthylene	ND	2.0	ug/L	0.083
Acetophenone	ND	9.8	ug/L	0.22
Anthracene	ND	2.0	ug/L	1.0
Atrazine	ND	9.8	ug/L	0.20
Benzo(a)anthracene	ND	2.0	ug/L	0.17
Benzo(a)pyrene	ND	2.0	ug/L	0.11
Benzo(b)fluoranthene	ND	2.0	ug/L	0.16
Benzo(ghi)perylene	ND	2.0	ug/L	0.14
Benzo(k)fluoranthene	ND	2.0	ug/L	0.16
Benzaldehyde	ND 9.8 UJ	9.8	ug/L	0.49
1,1'-Biphenyl	ND	9.8	ug/L	0.15
bis(2-Chloroethoxy) methane	ND	9.8	ug/L	0.13
bis(2-Chloroethyl)-ether	ND	2.0	ug/L	0.26
bis(2-Ethylhexyl) phthalate	ND 9.8 UJ	9.8	ug/L	0.45
4-Bromophenyl phenyl ether	ND	9.8	ug/L	0.18
Butyl benzyl phthalate	ND	9.8	ug/L	3.0
Caprolactam	ND	49	ug/L	7.1
Carbazole	ND	2.0	ug/L	0.13
4-Chloroaniline	ND 9.8 UJ	9.8	ug/L	1.1
4-Chloro-3-methylphenol	ND	9.8	ug/L	0.25
2-Chloronaphthalene	ND	2.0	ug/L	0.15
2-Chlorophenol	ND	9.8	ug/L	0.21
4-Chlorophenyl phenyl ether	ND	9.8	ug/L	0.10
Chrysene	ND	2.0	ug/L	0.11
Dibenz(a,h)anthracene	ND	2.0	ug/L	0.12
Dibenzofuran	ND	9.8	ug/L	0.18
3,3'-Dichlorobenzidine	ND 9.8 UJ	9.8	ug/L	0.35
2,4-Dichlorophenol	ND	2.0	ug/L	0.13
Diethyl phthalate	ND	9.8	ug/L	0.44
2,4-Dimethylphenol	ND	9.8	ug/L	0.079
Dimethyl phthalate	ND	9.8	ug/L	0.14

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AECOM, Inc

Client Sample ID: MW-12

GC/MS Semivolatiles

Lot-Sample #...: C8L110371-002 Work Order #...: K4J251AC Matrix.....: WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-butyl phthalate	ND	9.8	ug/L	0.29
4,6-Dinitro-2-methylphenol	ND 49 U	49	ug/L	7.6
2,4-Dinitrophenol	ND 49 U	49	ug/L	6.0
2,4-Dinitrotoluene	ND	9.8	ug/L	0.16
2,6-Dinitrotoluene	ND	9.8	ug/L	0.19
Di-n-octyl phthalate	ND	9.8	ug/L	0.15
Fluoranthene	ND	2.0	ug/L	0.098
Fluorene	ND	2.0	ug/L	0.097
Hexachlorobenzene	ND	2.0	ug/L	0.18
Hexachlorobutadiene	ND	2.0	ug/L	0.12
Hexachlorocyclopentadiene	ND 9.8 U	9.8	ug/L	0.11
Hexachloroethane	ND	9.8	ug/L	0.075
Indeno(1,2,3-cd)pyrene	ND	2.0	ug/L	0.16
Isophorone	ND	9.8	ug/L	0.28
2-Methylnaphthalene	ND	2.0	ug/L	0.15
2-Methylphenol	ND	9.8	ug/L	0.14
4-Methylphenol	ND	9.8	ug/L	0.17
Naphthalene	ND	2.0	ug/L	0.27
2-Nitroaniline	ND	49	ug/L	0.16
3-Nitroaniline	ND 49 U	49	ug/L	0.25
4-Nitroaniline	ND 49 U	49	ug/L	0.22
Nitrobenzene	ND	2.0	ug/L	0.18
2-Nitrophenol	ND	9.8	ug/L	0.14
4-Nitrophenol	ND	49	ug/L	3.8
N-Nitrosodi-n-propylamine	ND	2.0	ug/L	0.38
N-Nitrosodiphenylamine	ND	2.0	ug/L	0.13
2,2'-oxybis(1-Chloropropane)	ND	2.0	ug/L	0.34
Pentachlorophenol	ND	9.8	ug/L	1.8
Phenanthrene	ND	2.0	ug/L	0.28
Phenol	ND	2.0	ug/L	0.23
Pyrene	ND	2.0	ug/L	0.11
2,4,5-Trichlorophenol	ND	9.8	ug/L	0.15
2,4,6-Trichlorophenol	ND	9.8	ug/L	0.089

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AECOM, Inc

Client Sample ID: MW-12

GC/MS Semivolatiles

Lot-Sample #...: C8L110371-002 Work Order #...: K4J251AC Matrix.....: WG

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	85	(33 - 122)
2-Fluorobiphenyl	68	(35 - 108)
2-Fluorophenol	58	(26 - 100)
Nitrobenzene-d5	60	(37 - 104)
Phenol-d5	59	(30 - 102)
Terphenyl-d14	62	(25 - 130)

AECOM, Inc

Client Sample ID: MW-12D

GC/MS Semivolatiles

Lot-Sample #...: C8L110371-003 Work Order #...: K4J281AC Matrix.....: WG
Date Sampled...: 12/10/08 09:55 Date Received..: 12/11/08 09:50 MS Run #.....:
Prep Date.....: 12/17/08 Analysis Date..: 12/23/08
Prep Batch #...: 8352356 Analysis Time..: 15:05
Dilution Factor: 0.94 /18.8 Initial Wgt/Vol: 1060 mL Final Wgt/Vol..: 10 mL
Analyst ID.....: 007062 Instrument ID..: 722
Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	**81**	**1.9**	**ug/L**	**0.14**
Acenaphthylene	**74**	**1.9**	**ug/L**	**0.080**
Acetophenone	**12**	**9.4**	**ug/L**	**0.21**
Anthracene	**7.1**	**1.9**	**ug/L**	**0.98**
Atrazine	ND	9.4	ug/L	0.19
Benzo(a)anthracene	**0.54 J**	**1.9**	**ug/L**	**0.17**
Benzo(a)pyrene	ND	1.9	ug/L	0.11
Benzo(b)fluoranthene	ND	1.9	ug/L	0.15
Benzo(ghi)perylene	ND	1.9	ug/L	0.14
Benzo(k)fluoranthene	ND	1.9	ug/L	0.15
Benzaldehyde	ND 9.4 UJ	9.4	ug/L	0.47
1,1'-Biphenyl	**29**	**9.4**	**ug/L**	**0.14**
bis(2-Chloroethoxy) methane	ND	9.4	ug/L	0.13
bis(2-Chloroethyl)-ether	ND	1.9	ug/L	0.25
bis(2-Ethylhexyl) phthalate	**1.0 J**	**9.4**	**ug/L**	**0.43**
4-Bromophenyl phenyl ether	ND	9.4	ug/L	0.18
Butyl benzyl phthalate	ND	9.4	ug/L	2.9
Caprolactam	ND	47	ug/L	6.8
Carbazole	**5.2**	**1.9**	**ug/L**	**0.13**
4-Chloroaniline	ND 9.4 UJ	9.4	ug/L	1.0
4-Chloro-3-methylphenol	ND	9.4	ug/L	0.24
2-Chloronaphthalene	ND	1.9	ug/L	0.14
2-Chlorophenol	ND	9.4	ug/L	0.20
4-Chlorophenyl phenyl ether	ND	9.4	ug/L	0.098
Chrysene	**0.42 J**	**1.9**	**ug/L**	**0.10**
Dibenz(a,h)anthracene	ND	1.9	ug/L	0.12
Dibenzofuran	**4.8 J**	**9.4**	**ug/L**	**0.17**
3,3'-Dichlorobenzidine	ND 9.4 UJ	9.4	ug/L	0.34
2,4-Dichlorophenol	ND	1.9	ug/L	0.13
Diethyl phthalate	**1.8 J**	**9.4**	**ug/L**	**0.42**
2,4-Dimethylphenol	ND	9.4	ug/L	0.076
Dimethyl phthalate	ND	9.4	ug/L	0.13

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AECOM, Inc

Client Sample ID: MW-12D

GC/MS Semivolatiles

Lot-Sample #...: C8L110371-003 Work Order #...: K4J281AC Matrix.....: WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-butyl phthalate	ND	9.4	ug/L	0.28
4,6-Dinitro-2-methylphenol	ND 47 UJ	47	ug/L	7.3
2,4-Dinitrophenol	ND 47 UJ	47	ug/L	5.8
2,4-Dinitrotoluene	ND	9.4	ug/L	0.16
2,6-Dinitrotoluene	ND	9.4	ug/L	0.18
Di-n-octyl phthalate	ND	9.4	ug/L	0.15
Fluoranthene	**2.9**	**1.9**	**ug/L**	**0.094**
Fluorene	**34**	**1.9**	**ug/L**	**0.093**
Hexachlorobenzene	ND	1.9	ug/L	0.17
Hexachlorobutadiene	ND	1.9	ug/L	0.11
Hexachlorocyclopentadiene	ND 9.4 UJ	9.4	ug/L	0.11
Hexachloroethane	ND	9.4	ug/L	0.072
Indeno(1,2,3-cd)pyrene	ND	1.9	ug/L	0.15
Isophorone	ND	9.4	ug/L	0.27
2-Methylnaphthalene	**360**	**1.9**	**ug/L**	**0.15**
2-Methylphenol	ND	9.4	ug/L	0.13
4-Methylphenol	**0.88 J**	**9.4**	**ug/L**	**0.17**
Naphthalene	4400 ~~1200 E~~	1.9	**ug/L**	**0.26**
2-Nitroaniline	ND	47	ug/L	0.16
3-Nitroaniline	ND 47 UJ	47	ug/L	0.24
4-Nitroaniline	ND 47 UJ	47	ug/L	0.21
Nitrobenzene	ND	1.9	ug/L	0.17
2-Nitrophenol	ND	9.4	ug/L	0.13
4-Nitrophenol	ND	47	ug/L	3.7
N-Nitrosodi-n-propylamine	ND	1.9	ug/L	0.36
N-Nitrosodiphenylamine	ND	1.9	ug/L	0.13
2,2'-oxybis(1-Chloropropane)	ND	1.9	ug/L	0.33
Pentachlorophenol	ND	9.4	ug/L	1.8
Phenanthrene	**39**	**1.9**	**ug/L**	**0.27**
Phenol	**7.9**	**1.9**	**ug/L**	**0.22**
Pyrene	**3.2**	**1.9**	**ug/L**	**0.10**
2,4,5-Trichlorophenol	ND	9.4	ug/L	0.14
2,4,6-Trichlorophenol	ND	9.4	ug/L	0.085

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AECOM, Inc

Client Sample ID: MW-12D

GC/MS Semivolatiles

Lot-Sample #...: C8L110371-003 Work Order #...: K4J281AC Matrix.....: WG

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	102	(33 - 122)
2-Fluorobiphenyl	75	(35 - 108)
2-Fluorophenol	51	(26 - 100)
Nitrobenzene-d5	57	(37 - 104)
Phenol-d5	56	(30 - 102)
Terphenyl-d14	73	(25 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

E Estimated result. Result concentration exceeds the calibration range.

AECOM, Inc

Client Sample ID: MW-12D

GC/MS Semivolatiles

Lot-Sample #...: C8L110371-003	Work Order #...: K4J282AC	Matrix.....: WG
Date Sampled...: 12/10/08 09:55	Date Received..: 12/11/08 09:50	MS Run #.....:
Prep Date.....: 12/17/08	Analysis Date..: 12/24/08	
Prep Batch #...: 8352356	Analysis Time..: 09:02	
Dilution Factor: 18.8	Initial Wgt/Vol: 1060 mL	Final Wgt/Vol..: 10 mL
Analyst ID.....: 007062	Instrument ID..: 722	
	Method.....: SW846 8270C	

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	**92**	**38**	**ug/L**	**2.7**
Acenaphthylene	**75**	**38**	**ug/L**	**1.6**
Acetophenone	ND	190	ug/L	4.1
Anthracene	ND	38	ug/L	20
Atrazine	ND	190	ug/L	3.8
Benzo(a)anthracene	ND	38	ug/L	3.3
Benzo(a)pyrene	ND	38	ug/L	2.2
Benzo(b)fluoranthene	ND	38	ug/L	3.1
Benzo(ghi)perylene	ND	38	ug/L	2.7
Benzo(k)fluoranthene	ND	38	ug/L	3.1
Benzaldehyde	ND	190	ug/L	9.4
1,1'-Biphenyl	**30 J**	**190**	**ug/L**	**2.9**
bis(2-Chloroethoxy) methane	ND	190	ug/L	2.6
bis(2-Chloroethyl)-ether	ND	38	ug/L	5.0
bis(2-Ethylhexyl) phthalate	ND	190	ug/L	8.7
4-Bromophenyl phenyl ether	ND	190	ug/L	3.5
Butyl benzyl phthalate	ND	190	ug/L	58
Caprolactam	ND	940	ug/L	140
Carbazole	ND	38	ug/L	2.6
4-Chloroaniline	ND	190	ug/L	20
4-Chloro-3-methylphenol	ND	190	ug/L	4.8
2-Chloronaphthalene	ND	38	ug/L	2.8
2-Chlorophenol	ND	190	ug/L	4.0
4-Chlorophenyl phenyl ether	ND	190	ug/L	2.0
Chrysene	ND	38	ug/L	2.0
Dibenz(a,h)anthracene	ND	38	ug/L	2.4
Dibenzofuran	ND	190	ug/L	3.5
3,3'-Dichlorobenzidine	ND	190	ug/L	6.8
2,4-Dichlorophenol	ND	38	ug/L	2.5
Diethyl phthalate	**55 J**	**190**	**ug/L**	**8.4**
2,4-Dimethylphenol	ND	190	ug/L	1.5
Dimethyl phthalate	ND	190	ug/L	2.6

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AECOM, Inc

Client Sample ID: MW-12D

GC/MS Semivolatiles

Lot-Sample #...: C8L110371-003 Work Order #...: K4J282AC Matrix.....: WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-butyl phthalate	ND	190	ug/L	5.6
4,6-Dinitro-2-methylphenol	ND	940	ug/L	150
2,4-Dinitrophenol	ND	940	ug/L	120
2,4-Dinitrotoluene	ND	190	ug/L	3.1
2,6-Dinitrotoluene	ND	190	ug/L	3.6
Di-n-octyl phthalate	ND	190	ug/L	2.9
Fluoranthene	ND	38	ug/L	1.9
Fluorene	**36 J**	**38**	**ug/L**	**1.9**
Hexachlorobenzene	ND	38	ug/L	3.4
Hexachlorobutadiene	ND	38	ug/L	2.3
Hexachlorocyclopentadiene	ND	190	ug/L	2.2
Hexachloroethane	ND	190	ug/L	1.4
Indeno(1,2,3-cd)pyrene	ND	38	ug/L	3.0
Isophorone	ND	190	ug/L	5.4
2-Methylnaphthalene	**420**	**38**	**ug/L**	**3.0**
2-Methylphenol	ND	190	ug/L	2.6
4-Methylphenol	ND	190	ug/L	3.3
Naphthalene	**4400**	**38**	**ug/L**	**5.2**
2-Nitroaniline	ND	940	ug/L	3.1
3-Nitroaniline	ND	940	ug/L	4.9
4-Nitroaniline	ND	940	ug/L	4.3
Nitrobenzene	ND	38	ug/L	3.4
2-Nitrophenol	ND	190	ug/L	2.6
4-Nitrophenol	ND	940	ug/L	74
N-Nitrosodi-n-propylamine	ND	38	ug/L	7.3
N-Nitrosodiphenylamine	ND	38	ug/L	2.6
2,2'-oxybis(1-Chloropropane)	ND	38	ug/L	6.5
Pentachlorophenol	ND	190	ug/L	35
Phenanthrene	**40**	**38**	**ug/L**	**5.3**
Phenol	ND	38	ug/L	4.4
Pyrene	ND	38	ug/L	2.1
2,4,5-Trichlorophenol	ND	190	ug/L	2.9
2,4,6-Trichlorophenol	ND	190	ug/L	1.7

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AECOM, Inc

Client Sample ID: MW-12D

GC/MS Semivolatiles

Lot-Sample #...: C8L110371-003 Work Order #...: K4J282AC Matrix.....: WG

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	NC,DIL	(33 - 122)
2-Fluorobiphenyl	NC,DIL	(35 - 108)
2-Fluorophenol	NC,DIL	(26 - 100)
Nitrobenzene-d5	NC,DIL	(37 - 104)
Phenol-d5	NC,DIL	(30 - 102)
Terphenyl-d14	NC,DIL	(25 - 130)

NOTE(S):

NC The recovery and/or RPD were not calculated.

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

J Estimated result. Result is less than RL.

AECOM, Inc

Client Sample ID: MW-7D

GC/MS Semivolatiles

Lot-Sample #...: C8L110371-004	Work Order #...: K4J291AC	Matrix.....: WG
Date Sampled...: 12/10/08 11:00	Date Received..: 12/11/08 09:50	MS Run #.....:
Prep Date.....: 12/17/08	Analysis Date..: 12/24/08	
Prep Batch #...: 8352356	Analysis Time..: 05:43	
Dilution Factor: 9.5	Initial Wgt/Vol: 1050 mL	Final Wgt/Vol..: 10 mL
Analyst ID.....: 007062	Instrument ID..: 722	
	Method.....: SW846 8270C	

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	**34**	**19**	**ug/L**	**1.4**
Acenaphthylene	**54**	**19**	**ug/L**	**0.80**
Acetophenone	ND	95	ug/L	2.1
Anthracene	ND	19	ug/L	9.9
Atrazine	ND	95	ug/L	1.9
Benzo(a)anthracene	ND	19	ug/L	1.7
Benzo(a)pyrene	ND	19	ug/L	1.1
Benzo(b)fluoranthene	ND	19	ug/L	1.5
Benzo(ghi)perylene	ND	19	ug/L	1.4
Benzo(k)fluoranthene	ND	19	ug/L	1.6
Benzaldehyde	ND 95 UJ	95	ug/L	4.8
1,1'-Biphenyl	**16 J**	**95**	**ug/L**	**1.5**
bis(2-Chloroethoxy) methane	ND	95	ug/L	1.3
bis(2-Chloroethyl)-ether	ND	19	ug/L	2.5
bis(2-Ethylhexyl) phthalate	ND 95 UJ	95	ug/L	4.4
4-Bromophenyl phenyl ether	ND	95	ug/L	1.8
Butyl benzyl phthalate	ND	95	ug/L	29
Caprolactam	ND	480	ug/L	69
Carbazole	ND	19	ug/L	1.3
4-Chloroaniline	ND 95 UJ	95	ug/L	10
4-Chloro-3-methylphenol	ND	95	ug/L	2.4
2-Chloronaphthalene	ND	19	ug/L	1.4
2-Chlorophenol	ND	95	ug/L	2.0
4-Chlorophenyl phenyl ether	ND	95	ug/L	0.99
Chrysene	ND	19	ug/L	1.0
Dibenz(a,h)anthracene	ND	19	ug/L	1.2
Dibenzofuran	ND	95	ug/L	1.8
3,3'-Dichlorobenzidine	ND 95 UJ	95	ug/L	3.4
2,4-Dichlorophenol	ND	19	ug/L	1.3
Diethyl phthalate	**25 J**	**95**	**ug/L**	**4.3**
2,4-Dimethylphenol	ND	95	ug/L	0.76
Dimethyl phthalate	ND	95	ug/L	1.3

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AECOM, Inc

Client Sample ID: MW-7D

GC/MS Semivolatiles

Lot-Sample #...: C8L110371-004 Work Order #...: K4J291AC Matrix.....: WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-butyl phthalate	ND	95	ug/L	2.8
4,6-Dinitro-2-methylphenol	ND 480 U5	480	ug/L	74
2,4-Dinitrophenol	ND 480 U5	480	ug/L	58
2,4-Dinitrotoluene	ND	95	ug/L	1.6
2,6-Dinitrotoluene	ND	95	ug/L	1.8
Di-n-octyl phthalate	ND	95	ug/L	1.5
Fluoranthene	ND	19	ug/L	0.95
Fluorene	**16 J**	**19**	**ug/L**	**0.94**
Hexachlorobenzene	ND	19	ug/L	1.7
Hexachlorobutadiene	ND	19	ug/L	1.2
Hexachlorocyclopentadiene	ND 95 U5	95	ug/L	1.1
Hexachloroethane	ND	95	ug/L	0.73
Indeno(1,2,3-cd)pyrene	ND	19	ug/L	1.5
Isophorone	ND	95	ug/L	2.7
2-Methylnaphthalene	**260**	**19**	**ug/L**	**1.5**
2-Methylphenol	ND	95	ug/L	1.3
4-Methylphenol	ND	95	ug/L	1.7
Naphthalene	**2500**	**19**	**ug/L**	**2.6**
2-Nitroaniline	ND	480	ug/L	1.6
3-Nitroaniline	ND 480 U5	480	ug/L	2.5
4-Nitroaniline	ND 480 U5	480	ug/L	2.2
Nitrobenzene	ND	19	ug/L	1.7
2-Nitrophenol	ND	95	ug/L	1.3
4-Nitrophenol	ND	480	ug/L	37
N-Nitrosodi-n-propylamine	ND	19	ug/L	3.7
N-Nitrosodiphenylamine	ND	19	ug/L	1.3
2,2'-oxybis(1-Chloropropane)	ND	19	ug/L	3.3
Pentachlorophenol	ND	95	ug/L	18
Phenanthrene	**14 J**	**19**	**ug/L**	**2.7**
Phenol	ND	19	ug/L	2.2
Pyrene	ND	19	ug/L	1.1
2,4,5-Trichlorophenol	ND	95	ug/L	1.4
2,4,6-Trichlorophenol	ND	95	ug/L	0.86

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AECOM, Inc

Client Sample ID: MW-7D

GC/MS Semivolatiles

Lot-Sample #...: C8L110371-004 Work Order #...: K4J291AC Matrix.....: WG

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	84	(33 - 122)
2-Fluorobiphenyl	71	(35 - 108)
2-Fluorophenol	39	(26 - 100)
Nitrobenzene-d5	48	(37 - 104)
Phenol-d5	46	(30 - 102)
Terphenyl-d14	79	(25 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

AECOM, Inc

Client Sample ID: MW-7

GC/MS Semivolatiles

Lot-Sample #...: C8L110371-005	Work Order #...: K4J3A1AC	Matrix.....: WG	
Date Sampled...: 12/10/08 11:45	Date Received..: 12/11/08 09:50	MS Run #.....:	
Prep Date.....: 12/17/08	Analysis Date..: 12/24/08		
Prep Batch #...: 8352356	Analysis Time..: 06:06		
Dilution Factor: 0.95	Initial Wgt/Vol: 1050 mL	Final Wgt/Vol..: 10 mL	
Analyst ID.....: 007062	Instrument ID..: 722		
	Method.....: SW846 8270C		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	1.9	ug/L	0.14
Acenaphthylene	ND	1.9	ug/L	0.080
Acetophenone	ND	9.5	ug/L	0.21
Anthracene	ND	1.9	ug/L	0.99
Atrazine	ND	9.5	ug/L	0.19
Benzo(a)anthracene	ND	1.9	ug/L	0.17
Benzo(a)pyrene	ND	1.9	ug/L	0.11
Benzo(b)fluoranthene	ND	1.9	ug/L	0.15
Benzo(ghi)perylene	ND	1.9	ug/L	0.14
Benzo(k)fluoranthene	ND	1.9	ug/L	0.16
Benzaldehyde	ND 9.5 UJ	9.5	ug/L	0.48
1,1'-Biphenyl	ND	9.5	ug/L	0.15
bis(2-Chloroethoxy) methane	ND	9.5	ug/L	0.13
bis(2-Chloroethyl)-ether	ND	1.9	ug/L	0.25
bis(2-Ethylhexyl) phthalate	ND 9.5 UJ	9.5	ug/L	0.44
4-Bromophenyl phenyl ether	ND	9.5	ug/L	0.18
Butyl benzyl phthalate	ND	9.5	ug/L	2.9
Caprolactam	ND	48	ug/L	6.9
Carbazole	ND	1.9	ug/L	0.13
4-Chloroaniline	ND 9.5 UJ	9.5	ug/L	1.0
4-Chloro-3-methylphenol	ND	9.5	ug/L	0.24
2-Chloronaphthalene	ND	1.9	ug/L	0.14
2-Chlorophenol	ND	9.5	ug/L	0.20
4-Chlorophenyl phenyl ether	ND	9.5	ug/L	0.099
Chrysene	ND	1.9	ug/L	0.10
Dibenz(a,h)anthracene	ND	1.9	ug/L	0.12
Dibenzofuran	ND	9.5	ug/L	0.18
3,3'-Dichlorobenzidine	ND 9.5 UJ	9.5	ug/L	0.34
2,4-Dichlorophenol	ND	1.9	ug/L	0.13
Diethyl phthalate	ND	9.5	ug/L	0.43
2,4-Dimethylphenol	ND	9.5	ug/L	0.076
Dimethyl phthalate	ND	9.5	ug/L	0.13

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AECOM, Inc

Client Sample ID: MW-7

GC/MS Semivolatiles

Lot-Sample #...: C8L110371-005 Work Order #...: K4J3A1AC Matrix.....: WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-butyl phthalate	ND	9.5	ug/L	0.28
4,6-Dinitro-2-methylphenol	ND 48 U J	48	ug/L	7.4
2,4-Dinitrophenol	ND 48 U J	48	ug/L	5.8
2,4-Dinitrotoluene	ND	9.5	ug/L	0.16
2,6-Dinitrotoluene	ND	9.5	ug/L	0.18
Di-n-octyl phthalate	ND	9.5	ug/L	0.15
Fluoranthene	ND	1.9	ug/L	0.095
Fluorene	ND	1.9	ug/L	0.094
Hexachlorobenzene	ND	1.9	ug/L	0.17
Hexachlorobutadiene	ND	1.9	ug/L	0.12
Hexachlorocyclopentadiene	ND 9.5 U J	9.5	ug/L	0.11
Hexachloroethane	ND	9.5	ug/L	0.073
Indeno(1,2,3-cd)pyrene	ND	1.9	ug/L	0.15
Isophorone	ND	9.5	ug/L	0.27
2-Methylnaphthalene	ND	1.9	ug/L	0.15
2-Methylphenol	ND	9.5	ug/L	0.13
4-Methylphenol	ND	9.5	ug/L	0.17
Naphthalene	**1.3 J**	**1.9**	**ug/L**	**0.26**
2-Nitroaniline	ND	48	ug/L	0.16
3-Nitroaniline	ND 48 U J	48	ug/L	0.25
4-Nitroaniline	ND 48 U J	48	ug/L	0.22
Nitrobenzene	ND	1.9	ug/L	0.17
2-Nitrophenol	ND	9.5	ug/L	0.13
4-Nitrophenol	ND	48	ug/L	3.7
N-Nitrosodi-n-propylamine	ND	1.9	ug/L	0.37
N-Nitrosodiphenylamine	ND	1.9	ug/L	0.13
2,2'-oxybis(1-Chloropropane)	ND	1.9	ug/L	0.33
Pentachlorophenol	ND	9.5	ug/L	1.8
Phenanthrene	ND	1.9	ug/L	0.27
Phenol	ND	1.9	ug/L	0.22
Pyrene	ND	1.9	ug/L	0.11
2,4,5-Trichlorophenol	ND	9.5	ug/L	0.14
2,4,6-Trichlorophenol	ND	9.5	ug/L	0.086

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AECOM, Inc

Client Sample ID: MW-7

GC/MS Semivolatiles

Lot-Sample #...: C8L110371-005 Work Order #...: K4J3A1AC Matrix.....: WG

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	81	(33 - 122)
2-Fluorobiphenyl	64	(35 - 108)
2-Fluorophenol	51	(26 - 100)
Nitrobenzene-d5	54	(37 - 104)
Phenol-d5	52	(30 - 102)
Terphenyl-d14	68	(25 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

AECOM, Inc

Client Sample ID: CTM-14

GC/MS Semivolatiles

Lot-Sample #...: C8L110371-006	Work Order #...: K4J3C1AC	Matrix.....: WG
Date Sampled...: 12/10/08 08:34	Date Received..: 12/11/08 09:50	MS Run #.....:
Prep Date.....: 12/17/08	Analysis Date..: 12/24/08	
Prep Batch #...: 8352356	Analysis Time..: 06:50	
Dilution Factor: 1.01	Initial Wgt/Vol: 990 mL	Final Wgt/Vol..: 10 mL
Analyst ID.....: 007062	Instrument ID..: 722	
	Method.....: SW846 8270C	

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	**2.2**	**2.0**	**ug/L**	**0.15**
Acenaphthylene	**2.0**	**2.0**	**ug/L**	**0.085**
Acetophenone	ND	10	ug/L	0.22
Anthracene	ND	2.0	ug/L	1.0
Atrazine	ND	10	ug/L	0.20
Benzo(a)anthracene	ND	2.0	ug/L	0.18
Benzo(a)pyrene	ND	2.0	ug/L	0.12
Benzo(b)fluoranthene	ND	2.0	ug/L	0.16
Benzo(ghi)perylene	ND	2.0	ug/L	0.15
Benzo(k)fluoranthene	ND	2.0	ug/L	0.17
Benzaldehyde	ND *10 UJ*	10	ug/L	0.51
1,1'-Biphenyl	ND	10	ug/L	0.16
bis(2-Chloroethoxy) methane	ND	10	ug/L	0.14
bis(2-Chloroethyl)-ether	ND	2.0	ug/L	0.27
bis(2-Ethylhexyl) phthalate	ND *10 UJ*	10	ug/L	0.47
4-Bromophenyl phenyl ether	ND	10	ug/L	0.19
Butyl benzyl phthalate	ND	10	ug/L	3.1
Caprolactam	ND	50	ug/L	7.3
Carbazole	**2.4**	**2.0**	**ug/L**	**0.14**
4-Chloroaniline	ND *10 UJ*	10	ug/L	1.1
4-Chloro-3-methylphenol	ND	10	ug/L	0.26
2-Chloronaphthalene	ND	2.0	ug/L	0.15
2-Chlorophenol	ND	10	ug/L	0.21
4-Chlorophenyl phenyl ether	ND	10	ug/L	0.11
Chrysene	ND	2.0	ug/L	0.11
Dibenz(a,h)anthracene	ND	2.0	ug/L	0.13
Dibenzofuran	**2.3 J**	**10**	**ug/L**	**0.19**
3,3'-Dichlorobenzidine	ND *10 UJ*	10	ug/L	0.37
2,4-Dichlorophenol	ND	2.0	ug/L	0.14
Diethyl phthalate	ND	10	ug/L	0.45
2,4-Dimethylphenol	ND	10	ug/L	0.081
Dimethyl phthalate	ND	10	ug/L	0.14

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AECOM, Inc

Client Sample ID: CTM-14

GC/MS Semivolatiles

Lot-Sample #...: C8L110371-006 Work Order #...: K4J3C1AC Matrix.....: WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-butyl phthalate	ND	10	ug/L	0.30
4,6-Dinitro-2-methylphenol	ND 50 UJ	50	ug/L	7.9
2,4-Dinitrophenol	ND 50 UJ	50	ug/L	6.2
2,4-Dinitrotoluene	ND	10	ug/L	0.17
2,6-Dinitrotoluene	ND	10	ug/L	0.19
Di-n-octyl phthalate	ND	10	ug/L	0.16
Fluoranthene	**1.2 J**	**2.0**	**ug/L**	**0.10**
Fluorene	ND	2.0	ug/L	0.10
Hexachlorobenzene	ND	2.0	ug/L	0.18
Hexachlorobutadiene	ND	2.0	ug/L	0.12
Hexachlorocyclopentadiene	ND 10 UJ	10	ug/L	0.12
Hexachloroethane	ND	10	ug/L	0.077
Indeno(1,2,3-cd)pyrene	ND	2.0	ug/L	0.16
Isophorone	ND	10	ug/L	0.29
2-Methylnaphthalene	**1.4 J**	**2.0**	**ug/L**	**0.16**
2-Methylphenol	ND	10	ug/L	0.14
4-Methylphenol	ND	10	ug/L	0.18
Naphthalene	**15**	**2.0**	**ug/L**	**0.28**
2-Nitroaniline	ND	50	ug/L	0.17
3-Nitroaniline	ND 50 UJ	50	ug/L	0.26
4-Nitroaniline	ND 50 UJ	50	ug/L	0.23
Nitrobenzene	ND	2.0	ug/L	0.18
2-Nitrophenol	ND	10	ug/L	0.14
4-Nitrophenol	ND	50	ug/L	4.0
N-Nitrosodi-n-propylamine	ND	2.0	ug/L	0.39
N-Nitrosodiphenylamine	ND	2.0	ug/L	0.14
2,2'-oxybis(1-Chloropropane)	ND	2.0	ug/L	0.35
Pentachlorophenol	ND	10	ug/L	1.9
Phenanthrene	**2.8**	**2.0**	**ug/L**	**0.29**
Phenol	ND	2.0	ug/L	0.24
Pyrene	**0.76 J**	**2.0**	**ug/L**	**0.11**
2,4,5-Trichlorophenol	ND	10	ug/L	0.15
2,4,6-Trichlorophenol	ND	10	ug/L	0.092

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AECOM, Inc

Client Sample ID: CTM-14

GC/MS Semivolatiles

Lot-Sample #...: C8L110371-006 Work Order #...: K4J3C1AC Matrix.....: WG

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	90	(33 - 122)
2-Fluorobiphenyl	64	(35 - 108)
2-Fluorophenol	53	(26 - 100)
Nitrobenzene-d5	54	(37 - 104)
Phenol-d5	57	(30 - 102)
Terphenyl-d14	75	(25 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

AECOM, Inc

Client Sample ID: CTM-MW-1

GC/MS Semivolatiles

Lot-Sample #...: C8L110371-007 Work Order #...: K4J3D1AC Matrix.....: WG
Date Sampled...: 12/10/08 11:55 Date Received..: 12/11/08 09:50 MS Run #.....:
Prep Date.....: 12/17/08 Analysis Date..: 12/24/08
Prep Batch #...: 8352356 Analysis Time..: 07:12
Dilution Factor: 10.3 Initial Wgt/Vol: 970 mL Final Wgt/Vol..: 10 mL
Analyst ID.....: 007062 Instrument ID..: 722
Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	**90**	**21**	**ug/L**	**1.5**
Acenaphthylene	**7.8 J**	**21**	**ug/L**	**0.87**
Acetophenone	ND	100	ug/L	2.3
Anthracene	ND	21	ug/L	11
Atrazine	ND	100	ug/L	2.1
Benzo(a)anthracene	ND	21	ug/L	1.8
Benzo(a)pyrene	ND	21	ug/L	1.2
Benzo(b)fluoranthene	ND	21	ug/L	1.7
Benzo(ghi)perylene	ND	21	ug/L	1.5
Benzo(k)fluoranthene	ND	21	ug/L	1.7
Benzaldehyde	ND 100 UJ	100	ug/L	5.2
1,1'-Biphenyl	ND	100	ug/L	1.6
bis(2-Chloroethoxy) methane	ND	100	ug/L	1.4
bis(2-Chloroethyl)-ether	ND	21	ug/L	2.7
bis(2-Ethylhexyl) phthalate	ND 100 UJ	100	ug/L	4.8
4-Bromophenyl phenyl ether	ND	100	ug/L	1.9
Butyl benzyl phthalate	ND	100	ug/L	32
Caprolactam	ND	520	ug/L	74
Carbazole	**57**	**21**	**ug/L**	**1.4**
4-Chloroaniline	ND 100 UJ	100	ug/L	11
4-Chloro-3-methylphenol	ND	100	ug/L	2.6
2-Chloronaphthalene	ND	21	ug/L	1.6
2-Chlorophenol	ND	100	ug/L	2.2
4-Chlorophenyl phenyl ether	ND	100	ug/L	1.1
Chrysene	ND	21	ug/L	1.1
Dibenz(a,h)anthracene	ND	21	ug/L	1.3
Dibenzofuran	**45 J**	**100**	**ug/L**	**1.9**
3,3'-Dichlorobenzidine	ND 100 UJ	100	ug/L	3.7
2,4-Dichlorophenol	ND	21	ug/L	1.4
Diethyl phthalate	ND	100	ug/L	4.6
2,4-Dimethylphenol	**89 J**	**100**	**ug/L**	**0.83**
Dimethyl phthalate	ND	100	ug/L	1.4

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AECOM, Inc

Client Sample ID: CTM-MW-1

GC/MS Semivolatiles

Lot-Sample #...: C8L110371-007 Work Order #...: K4J3D1AC Matrix.....: WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-butyl phthalate	ND	100	ug/L	3.1
4,6-Dinitro-2-methylphenol	ND 520 UJ	520	ug/L	80
2,4-Dinitrophenol	ND 520 UJ	520	ug/L	63
2,4-Dinitrotoluene	ND	100	ug/L	1.7
2,6-Dinitrotoluene	ND	100	ug/L	2.0
Di-n-octyl phthalate	ND	100	ug/L	1.6
Fluoranthene	**8.5 J**	**21**	**ug/L**	**1.0**
Fluorene	**47**	**21**	**ug/L**	**1.0**
Hexachlorobenzene	ND	21	ug/L	1.9
Hexachlorobutadiene	ND	21	ug/L	1.3
Hexachlorocyclopentadiene	ND 100 UJ	100	ug/L	1.2
Hexachloroethane	ND	100	ug/L	0.79
Indeno(1,2,3-cd)pyrene	ND	21	ug/L	1.7
Isophorone	ND	100	ug/L	3.0
2-Methylnaphthalene	**59**	**21**	**ug/L**	**1.6**
2-Methylphenol	ND	100	ug/L	1.4
4-Methylphenol	ND	100	ug/L	1.8
Naphthalene	**2100**	**21**	**ug/L**	**2.9**
2-Nitroaniline	ND	520	ug/L	1.7
3-Nitroaniline	ND 520 UJ	520	ug/L	2.7
4-Nitroaniline	ND 520 UJ	520	ug/L	2.3
Nitrobenzene	ND	21	ug/L	1.9
2-Nitrophenol	ND	100	ug/L	1.4
4-Nitrophenol	ND	520	ug/L	40
N-Nitrosodi-n-propylamine	ND	21	ug/L	4.0
N-Nitrosodiphenylamine	ND	21	ug/L	1.4
2,2'-oxybis(1-Chloropropane)	ND	21	ug/L	3.6
Pentachlorophenol	ND	100	ug/L	19
Phenanthrene	**24**	**21**	**ug/L**	**2.9**
Phenol	ND	21	ug/L	2.4
Pyrene	**3.9 J**	**21**	**ug/L**	**1.1**
2,4,5-Trichlorophenol	ND	100	ug/L	1.6
2,4,6-Trichlorophenol	ND	100	ug/L	0.94

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AECOM, Inc

Client Sample ID: CTM-MW-1

GC/MS Semivolatiles

Lot-Sample #...: C8L110371-007 Work Order #...: K4J3D1AC Matrix.....: WG

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	89	(33 - 122)
2-Fluorobiphenyl	81	(35 - 108)
2-Fluorophenol	67	(26 - 100)
Nitrobenzene-d5	71	(37 - 104)
Phenol-d5	66	(30 - 102)
Terphenyl-d14	93	(25 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

AECOM, Inc

Client Sample ID: MW-9

GC/MS Semivolatiles

Lot-Sample #...: C8L110371-008	Work Order #...: K4J3H1AC	Matrix.....: WG
Date Sampled...: 12/10/08 10:12	Date Received..: 12/11/08 09:50	MS Run #.....:
Prep Date.....: 12/17/08	Analysis Date..: 12/24/08	
Prep Batch #...: 8352356	Analysis Time..: 07:34	
Dilution Factor: 1	Initial Wgt/Vol: 1000 mL	Final Wgt/Vol..: 10 mL
Analyst ID.....: 007062	Instrument ID..: 722	
	Method.....: SW846 8270C	

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	2.0	ug/L	0.14
Acenaphthylene	ND	2.0	ug/L	0.085
Acetophenone	ND	10	ug/L	0.22
Anthracene	ND	2.0	ug/L	1.0
Atrazine	ND	10	ug/L	0.20
Benzo(a)anthracene	ND	2.0	ug/L	0.18
Benzo(a)pyrene	ND	2.0	ug/L	0.12
Benzo(b)fluoranthene	ND	2.0	ug/L	0.16
Benzo(ghi)perylene	ND	2.0	ug/L	0.14
Benzo(k)fluoranthene	ND	2.0	ug/L	0.16
Benzaldehyde	ND	10	ug/L	0.50
1,1'-Biphenyl	ND	10	ug/L	0.15
bis(2-Chloroethoxy) methane	ND	10	ug/L	0.14
bis(2-Chloroethyl)-ether	ND	2.0	ug/L	0.26
bis(2-Ethylhexyl) phthalate	ND	10	ug/L	0.46
4-Bromophenyl phenyl ether	ND	10	ug/L	0.19
Butyl benzyl phthalate	ND	10	ug/L	3.1
Caprolactam	ND	50	ug/L	7.2
Carbazole	ND	2.0	ug/L	0.14
4-Chloroaniline	ND	10	ug/L	1.1
4-Chloro-3-methylphenol	ND	10	ug/L	0.25
2-Chloronaphthalene	ND	2.0	ug/L	0.15
2-Chlorophenol	ND	10	ug/L	0.21
4-Chlorophenyl phenyl ether	ND	10	ug/L	0.10
Chrysene	ND	2.0	ug/L	0.11
Dibenz(a,h)anthracene	ND	2.0	ug/L	0.13
Dibenzofuran	ND	10	ug/L	0.18
3,3'-Dichlorobenzidine	ND	10	ug/L	0.36
2,4-Dichlorophenol	ND	2.0	ug/L	0.13
Diethyl phthalate	ND	10	ug/L	0.45
2,4-Dimethylphenol	ND	10	ug/L	0.080
Dimethyl phthalate	ND	10	ug/L	0.14

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AECOM, Inc

Client Sample ID: MW-9

GC/MS Semivolatiles

Lot-Sample #...: C8L110371-008 Work Order #...: K4J3H1AC Matrix.....: WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-butyl phthalate	ND	10	ug/L	0.30
4,6-Dinitro-2-methylphenol	ND 50 UJ	50	ug/L	7.8
2,4-Dinitrophenol	ND 50 UJ	50	ug/L	6.1
2,4-Dinitrotoluene	ND	10	ug/L	0.16
2,6-Dinitrotoluene	ND	10	ug/L	0.19
Di-n-octyl phthalate	ND	10	ug/L	0.16
Fluoranthene	ND	2.0	ug/L	0.10
Fluorene	ND	2.0	ug/L	0.099
Hexachlorobenzene	ND	2.0	ug/L	0.18
Hexachlorobutadiene	ND	2.0	ug/L	0.12
Hexachlorocyclopentadiene	ND 10 UJ	10	ug/L	0.12
Hexachloroethane	ND	10	ug/L	0.077
Indeno(1,2,3-cd)pyrene	ND	2.0	ug/L	0.16
Isophorone	ND	10	ug/L	0.29
2-Methylnaphthalene	ND	2.0	ug/L	0.16
2-Methylphenol	ND	10	ug/L	0.14
4-Methylphenol	ND	10	ug/L	0.18
Naphthalene	**1.8 J**	**2.0**	**ug/L**	**0.28**
2-Nitroaniline	ND	50	ug/L	0.17
3-Nitroaniline	ND 50 UJ	50	ug/L	0.26
4-Nitroaniline	ND 50 UJ	50	ug/L	0.23
Nitrobenzene	ND	2.0	ug/L	0.18
2-Nitrophenol	ND	10	ug/L	0.14
4-Nitrophenol	ND	50	ug/L	3.9
N-Nitrosodi-n-propylamine	ND	2.0	ug/L	0.39
N-Nitrosodiphenylamine	ND	2.0	ug/L	0.14
2,2'-oxybis(1-Chloropropane)	ND	2.0	ug/L	0.35
Pentachlorophenol	ND	10	ug/L	1.9
Phenanthrene	ND	2.0	ug/L	0.28
Phenol	ND	2.0	ug/L	0.24
Pyrene	ND	2.0	ug/L	0.11
2,4,5-Trichlorophenol	ND	10	ug/L	0.15
2,4,6-Trichlorophenol	ND	10	ug/L	0.091

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AECOM, Inc

Client Sample ID: MW-9

GC/MS Semivolatiles

Lot-Sample #...: C8L110371-008 Work Order #...: K4J3H1AC Matrix.....: WG

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	75	(33 - 122)
2-Fluorobiphenyl	55	(35 - 108)
2-Fluorophenol	35	(26 - 100)
Nitrobenzene-d5	40	(37 - 104)
Phenol-d5	40	(30 - 102)
Terphenyl-d14	68	(25 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

AECOM, Inc

Client Sample ID: MW-13D

GC/MS Semivolatiles

Lot-Sample #...: C8L110371-009	Work Order #...: K4J3J1AC	Matrix.....: WG
Date Sampled...: 12/10/08 14:30	Date Received..: 12/11/08 09:50	MS Run #.....:
Prep Date.....: 12/17/08	Analysis Date..: 12/24/08	
Prep Batch #...: 8352356	Analysis Time..: 07:56	
Dilution Factor: 9.8	Initial Wgt/Vol: 1020 mL	Final Wgt/Vol..: 10 mL
Analyst ID.....: 007062	Instrument ID..: 722	
	Method.....: SW846 8270C	

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	**160**	**20**	**ug/L**	**1.4**
Acenaphthylene	ND	20	ug/L	0.83
Acetophenone	ND	98	ug/L	2.2
Anthracene	**11 J**	**20**	**ug/L**	**10**
Atrazine	ND	98	ug/L	2.0
Benzo(a)anthracene	ND	20	ug/L	1.7
Benzo(a)pyrene	ND	20	ug/L	1.1
Benzo(b)fluoranthene	ND	20	ug/L	1.6
Benzo(ghi)perylene	ND	20	ug/L	1.4
Benzo(k)fluoranthene	ND	20	ug/L	1.6
Benzaldehyde	ND 98 UJ	98	ug/L	4.9
1,1'-Biphenyl	**34 J**	**98**	**ug/L**	**1.5**
bis(2-Chloroethoxy) methane	ND	98	ug/L	1.3
bis(2-Chloroethyl)-ether	ND	20	ug/L	2.6
bis(2-Ethylhexyl) phthalate	ND 98 UJ	98	ug/L	4.5
4-Bromophenyl phenyl ether	ND	98	ug/L	1.8
Butyl benzyl phthalate	ND	98	ug/L	30
Caprolactam	ND	490	ug/L	71
Carbazole	ND	20	ug/L	1.3
4-Chloroaniline	ND 98 UJ	98	ug/L	11
4-Chloro-3-methylphenol	ND	98	ug/L	2.5
2-Chloronaphthalene	ND	20	ug/L	1.5
2-Chlorophenol	ND	98	ug/L	2.1
4-Chlorophenyl phenyl ether	ND	98	ug/L	1.0
Chrysene	ND	20	ug/L	1.1
Dibenz(a,h)anthracene	ND	20	ug/L	1.2
Dibenzofuran	ND	98	ug/L	1.8
3,3'-Dichlorobenzidine	ND 98 UJ	98	ug/L	3.5
2,4-Dichlorophenol	ND	20	ug/L	1.3
Diethyl phthalate	**27 J**	**98**	**ug/L**	**4.4**
2,4-Dimethylphenol	ND	98	ug/L	0.79
Dimethyl phthalate	ND	98	ug/L	1.4

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AECOM, Inc

Client Sample ID: MW-13D

GC/MS Semivolatiles

Lot-Sample #...: C8L110371-009 Work Order #...: K4J3J1AC Matrix.....: WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-butyl phthalate	ND	98	ug/L	2.9
4,6-Dinitro-2-methylphenol	ND 490 UJ	490	ug/L	76
2,4-Dinitrophenol	ND 490 UJ	490	ug/L	60
2,4-Dinitrotoluene	ND	98	ug/L	1.6
2,6-Dinitrotoluene	ND	98	ug/L	1.9
Di-n-octyl phthalate	ND	98	ug/L	1.5
Fluoranthene	ND	20	ug/L	0.98
Fluorene	**32**	**20**	**ug/L**	**0.97**
Hexachlorobenzene	ND	20	ug/L	1.8
Hexachlorobutadiene	ND	20	ug/L	1.2
Hexachlorocyclopentadiene	ND 98 UJ	98	ug/L	1.1
Hexachloroethane	ND	98	ug/L	0.75
Indeno(1,2,3-cd)pyrene	ND	20	ug/L	1.6
Isophorone	ND	98	ug/L	2.8
2-Methylnaphthalene	**120**	**20**	**ug/L**	**1.5**
2-Methylphenol	ND	98	ug/L	1.4
4-Methylphenol	ND	98	ug/L	1.7
Naphthalene	**1600**	**20**	**ug/L**	**2.7**
2-Nitroaniline	ND	490	ug/L	1.6
3-Nitroaniline	ND 490 UJ	490	ug/L	2.5
4-Nitroaniline	ND 490 UJ	490	ug/L	2.2
Nitrobenzene	ND	20	ug/L	1.8
2-Nitrophenol	ND	98	ug/L	1.4
4-Nitrophenol	ND	490	ug/L	38
N-Nitrosodi-n-propylamine	ND	20	ug/L	3.8
N-Nitrosodiphenylamine	ND	20	ug/L	1.3
2,2'-oxybis(1-Chloropropane)	ND	20	ug/L	3.4
Pentachlorophenol	ND	98	ug/L	18
Phenanthrene	**56**	**20**	**ug/L**	**2.8**
Phenol	ND	20	ug/L	2.3
Pyrene	ND	20	ug/L	1.1
2,4,5-Trichlorophenol	ND	98	ug/L	1.5
2,4,6-Trichlorophenol	ND	98	ug/L	0.89

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AECOM, Inc

Client Sample ID: MW-13D

GC/MS Semivolatiles

Lot-Sample #...: C8L110371-009 Work Order #...: K4J3J1AC Matrix.....: WG

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	65	(33 - 122)
2-Fluorobiphenyl	62	(35 - 108)
2-Fluorophenol	35	(26 - 100)
Nitrobenzene-d5	45	(37 - 104)
Phenol-d5	40	(30 - 102)
Terphenyl-d14	79	(25 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

AECOM, Inc

Client Sample ID: MW-16D

GC/MS Semivolatiles

Lot-Sample #...: C8L110371-011	Work Order #...: K4J3L1AC	Matrix.....:	WG
Date Sampled...: 12/10/08 14:40	Date Received..: 12/11/08 09:50	MS Run #.....:	
Prep Date.....: 12/17/08	Analysis Date..: 12/24/08		
Prep Batch #...: 8352356	Analysis Time..: 08:18		
Dilution Factor: 1.02	Initial Wgt/Vol: 980 mL	Final Wgt/Vol..:	10 mL
Analyst ID.....: 007062	Instrument ID..: 722		
	Method.....: SW846 8270C		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	2.0	ug/L	0.15
Acenaphthylene	ND	2.0	ug/L	0.086
Acetophenone	ND	10	ug/L	0.22
Anthracene	ND	2.0	ug/L	1.1
Atrazine	ND	10	ug/L	0.21
Benzo(a)anthracene	ND	2.0	ug/L	0.18
Benzo(a)pyrene	ND	2.0	ug/L	0.12
Benzo(b)fluoranthene	ND	2.0	ug/L	0.17
Benzo(ghi)perylene	ND	2.0	ug/L	0.15
Benzo(k)fluoranthene	ND	2.0	ug/L	0.17
Benzaldehyde	ND 10 u J	10	ug/L	0.51
1,1'-Biphenyl	ND	10	ug/L	0.16
bis(2-Chloroethoxy) methane	ND	10	ug/L	0.14
bis(2-Chloroethyl)-ether	ND	2.0	ug/L	0.27
bis(2-Ethylhexyl) phthalate	ND 10 u J	10	ug/L	0.47
4-Bromophenyl phenyl ether	ND	10	ug/L	0.19
Butyl benzyl phthalate	ND	10	ug/L	3.1
Caprolactam	ND	51	ug/L	7.4
Carbazole	ND	2.0	ug/L	0.14
4-Chloroaniline	ND 10 u J	10	ug/L	1.1
4-Chloro-3-methylphenol	ND	10	ug/L	0.26
2-Chloronaphthalene	ND	2.0	ug/L	0.15
2-Chlorophenol	ND	10	ug/L	0.21
4-Chlorophenyl phenyl ether	ND	10	ug/L	0.11
Chrysene	ND	2.0	ug/L	0.11
Dibenz(a,h)anthracene	ND	2.0	ug/L	0.13
Dibenzofuran	ND	10	ug/L	0.19
3,3'-Dichlorobenzidine	ND 10 u J	10	ug/L	0.37
2,4-Dichlorophenol	ND	2.0	ug/L	0.14
Diethyl phthalate	ND	10	ug/L	0.46
2,4-Dimethylphenol	ND	10	ug/L	0.082
Dimethyl phthalate	ND	10	ug/L	0.14

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AECOM, Inc

Client Sample ID: MW-16D

GC/MS Semivolatiles

Lot-Sample #...: C8L110371-011 Work Order #...: K4J3L1AC Matrix.....: WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-butyl phthalate	ND	10	ug/L	0.30
4,6-Dinitro-2-methylphenol	ND 51 UJ	51	ug/L	8.0
2,4-Dinitrophenol	ND 51 UJ	51	ug/L	6.3
2,4-Dinitrotoluene	ND	10	ug/L	0.17
2,6-Dinitrotoluene	ND	10	ug/L	0.19
Di-n-octyl phthalate	ND	10	ug/L	0.16
Fluoranthene	ND	2.0	ug/L	0.10
Fluorene	ND	2.0	ug/L	0.10
Hexachlorobenzene	ND	2.0	ug/L	0.19
Hexachlorobutadiene	ND	2.0	ug/L	0.12
Hexachlorocyclopentadiene	ND 10 UJ	10	ug/L	0.12
Hexachloroethane	ND	10	ug/L	0.078
Indeno(1,2,3-cd)pyrene	ND	2.0	ug/L	0.16
Isophorone	ND	10	ug/L	0.29
2-Methylnaphthalene	ND	2.0	ug/L	0.16
2-Methylphenol	ND	10	ug/L	0.14
4-Methylphenol	ND	10	ug/L	0.18
Naphthalene	**1.4 J**	**2.0**	**ug/L**	**0.28**
2-Nitroaniline	ND	51	ug/L	0.17
3-Nitroaniline	ND 51 UJ	51	ug/L	0.26
4-Nitroaniline	ND 51 UJ	51	ug/L	0.23
Nitrobenzene	ND	2.0	ug/L	0.18
2-Nitrophenol	ND	10	ug/L	0.14
4-Nitrophenol	ND	51	ug/L	4.0
N-Nitrosodi-n-propylamine	ND	2.0	ug/L	0.39
N-Nitrosodiphenylamine	ND	2.0	ug/L	0.14
2,2'-oxybis(1-Chloropropane)	ND	2.0	ug/L	0.35
Pentachlorophenol	ND	10	ug/L	1.9
Phenanthrene	ND	2.0	ug/L	0.29
Phenol	ND	2.0	ug/L	0.24
Pyrene	ND	2.0	ug/L	0.11
2,4,5-Trichlorophenol	ND	10	ug/L	0.15
2,4,6-Trichlorophenol	ND	10	ug/L	0.093

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AECOM, Inc

Client Sample ID: MW-16D

GC/MS Semivolatiles

Lot-Sample #...: C8L110371-011 Work Order #...: K4J3L1AC Matrix.....: WG

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	78	(33 - 122)
2-Fluorobiphenyl	54	(35 - 108)
2-Fluorophenol	48	(26 - 100)
Nitrobenzene-d5	50	(37 - 104)
Phenol-d5	51	(30 - 102)
Terphenyl-d14	83	(25 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

AECOM, Inc

Client Sample ID: MW-1600D

GC/MS Semivolatiles

Lot-Sample #...: C8L110371-012	Work Order #...: K4J3M1AC	Matrix.....: WG
Date Sampled...: 12/10/08 16:00	Date Received..: 12/11/08 09:50	MS Run #.....:
Prep Date.....: 12/17/08	Analysis Date..: 12/24/08	
Prep Batch #...: 8352356	Analysis Time..: 08:40	
Dilution Factor: 1.04	Initial Wgt/Vol: 960 mL	Final Wgt/Vol..: 10 mL
Analyst ID.....: 007062	Instrument ID..: 722	
	Method.....: SW846 8270C	

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	2.1	ug/L	0.15
Acenaphthylene	ND	2.1	ug/L	0.088
Acetophenone	ND	10	ug/L	0.23
Anthracene	ND	2.1	ug/L	1.1
Atrazine	ND	10	ug/L	0.21
Benzo(a)anthracene	ND	2.1	ug/L	0.18
Benzo(a)pyrene	ND	2.1	ug/L	0.12
Benzo(b)fluoranthene	ND	2.1	ug/L	0.17
Benzo(ghi)perylene	ND	2.1	ug/L	0.15
Benzo(k)fluoranthene	ND	2.1	ug/L	0.17
Benzaldehyde	ND [illegible]	10	ug/L	0.52
1,1'-Biphenyl	ND	10	ug/L	0.16
bis(2-Chloroethoxy) methane	ND	10	ug/L	0.14
bis(2-Chloroethyl)-ether	ND	2.1	ug/L	0.27
bis(2-Ethylhexyl) phthalate	ND [illegible]	10	ug/L	0.48
4-Bromophenyl phenyl ether	ND	10	ug/L	0.20
Butyl benzyl phthalate	ND	10	ug/L	3.2
Caprolactam	ND	52	ug/L	7.5
Carbazole	ND	2.1	ug/L	0.14
4-Chloroaniline	ND [illegible]	10	ug/L	1.1
4-Chloro-3-methylphenol	ND	10	ug/L	0.26
2-Chloronaphthalene	ND	2.1	ug/L	0.16
2-Chlorophenol	ND	10	ug/L	0.22
4-Chlorophenyl phenyl ether	ND	10	ug/L	0.11
Chrysene	ND	2.1	ug/L	0.11
Dibenz(a,h)anthracene	ND	2.1	ug/L	0.13
Dibenzofuran	ND	10	ug/L	0.19
3,3'-Dichlorobenzidine	ND [illegible]	10	ug/L	0.38
2,4-Dichlorophenol	ND	2.1	ug/L	0.14
Diethyl phthalate	ND	10	ug/L	0.47
2,4-Dimethylphenol	ND	10	ug/L	0.084
Dimethyl phthalate	ND	10	ug/L	0.15

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AECOM, Inc

Client Sample ID: MW-1600D

GC/MS Semivolatiles

Lot-Sample #...: C8L110371-012 Work Order #...: K4J3M1AC Matrix.....: WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-butyl phthalate	ND	10	ug/L	0.31
4,6-Dinitro-2-methylphenol	ND 52 U J	52	ug/L	8.1
2,4-Dinitrophenol	ND 52 U J	52	ug/L	6.4
2,4-Dinitrotoluene	ND	10	ug/L	0.17
2,6-Dinitrotoluene	ND	10	ug/L	0.20
Di-n-octyl phthalate	ND	10	ug/L	0.16
Fluoranthene	ND	2.1	ug/L	0.10
Fluorene	ND	2.1	ug/L	0.10
Hexachlorobenzene	ND	2.1	ug/L	0.19
Hexachlorobutadiene	ND	2.1	ug/L	0.13
Hexachlorocyclopentadiene	ND 10 U J	10	ug/L	0.12
Hexachloroethane	ND	10	ug/L	0.080
Indeno(1,2,3-cd)pyrene	ND	2.1	ug/L	0.17
Isophorone	ND	10	ug/L	0.30
2-Methylnaphthalene	ND	2.1	ug/L	0.16
2-Methylphenol	ND	10	ug/L	0.15
4-Methylphenol	ND	10	ug/L	0.18
Naphthalene	ND	2.1	ug/L	0.29
2-Nitroaniline	ND	52	ug/L	0.17
3-Nitroaniline	ND 52 U J	52	ug/L	0.27
4-Nitroaniline	ND 52 U J	52	ug/L	0.24
Nitrobenzene	ND	2.1	ug/L	0.19
2-Nitrophenol	ND	10	ug/L	0.15
4-Nitrophenol	ND	52	ug/L	4.1
N-Nitrosodi-n-propylamine	ND	2.1	ug/L	0.40
N-Nitrosodiphenylamine	ND	2.1	ug/L	0.14
2,2'-oxybis(1-Chloropropane)	ND	2.1	ug/L	0.36
Pentachlorophenol	ND	10	ug/L	2.0
Phenanthrene	ND	2.1	ug/L	0.30
Phenol	ND	2.1	ug/L	0.25
Pyrene	ND	2.1	ug/L	0.12
2,4,5-Trichlorophenol	ND	10	ug/L	0.16
2,4,6-Trichlorophenol	ND	10	ug/L	0.094

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AECOM, Inc

Client Sample ID: MW-1600D

GC/MS Semivolatiles

Lot-Sample #...: C8L110371-012 Work Order #...: K4J3M1AC Matrix.....: WG

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	82	(33 - 122)
2-Fluorobiphenyl	55	(35 - 108)
2-Fluorophenol	44	(26 - 100)
Nitrobenzene-d5	47	(37 - 104)
Phenol-d5	47	(30 - 102)
Terphenyl-d14	80	(25 - 130)

AECOM, Inc

Client Sample ID: MW-14D

GC/MS Semivolatiles

Lot-Sample #...:	C8L120342-002	Work Order #...:	K4MVQ1AC	Matrix.....:	WG
Date Sampled...:	12/11/08 08:30	Date Received..:	12/12/08 10:00	MS Run #.....:	
Prep Date.....:	12/18/08	Analysis Date..:	12/22/08		
Prep Batch #...:	8354035	Analysis Time..:	06:09		
Dilution Factor:	0.95	Initial Wgt/Vol:	1050 mL	Final Wgt/Vol..:	10 mL
Analyst ID.....:	003200	Instrument ID..:	731		
		Method.....:	SW846 8270C		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	**140**	**1.9**	**ug/L**	**0.14**
Acenaphthylene	**14**	**1.9**	**ug/L**	**0.080**
Acetophenone	ND	9.5	ug/L	0.21
Anthracene	**20**	**1.9**	**ug/L**	**0.99**
Atrazine	ND	9.5	ug/L	0.19
Benzo(a)anthracene	**10**	**1.9**	**ug/L**	**0.17**
Benzo(a)pyrene	**8.9**	**1.9**	**ug/L**	**0.11**
Benzo(b)fluoranthene	**7.4**	**1.9**	**ug/L**	**0.15**
Benzo(ghi)perylene	**6.5**	**1.9**	**ug/L**	**0.14**
Benzo(k)fluoranthene	**6.2**	**1.9**	**ug/L**	**0.16**
Benzaldehyde	ND	9.5	ug/L	0.48
1,1'-Biphenyl	**39**	**9.5**	**ug/L**	**0.15**
bis(2-Chloroethoxy) methane	ND	9.5	ug/L	0.13
bis(2-Chloroethyl)-ether	ND	1.9	ug/L	0.25
bis(2-Ethylhexyl) phthalate	**4.0 J**	**9.5**	**ug/L**	**0.44**
4-Bromophenyl phenyl ether	ND	9.5	ug/L	0.18
Butyl benzyl phthalate	ND	9.5	ug/L	2.9
Caprolactam	ND	48	ug/L	6.9
Carbazole	**7.6**	**1.9**	**ug/L**	**0.13**
4-Chloroaniline	ND	9.5	ug/L	1.0
4-Chloro-3-methylphenol	ND	9.5	ug/L	0.24
2-Chloronaphthalene	ND	1.9	ug/L	0.14
2-Chlorophenol	ND	9.5	ug/L	0.20
4-Chlorophenyl phenyl ether	ND	9.5	ug/L	0.099
Chrysene	**10**	**1.9**	**ug/L**	**0.10**
Dibenz(a,h)anthracene	**4.9**	**1.9**	**ug/L**	**0.12**
Dibenzofuran	**5.6 J**	**9.5**	**ug/L**	**0.18**
3,3'-Dichlorobenzidine	ND	9.5	ug/L	0.34
2,4-Dichlorophenol	ND	1.9	ug/L	0.13
Diethyl phthalate	**5.3 J**	**9.5**	**ug/L**	**0.43**
2,4-Dimethylphenol	ND	9.5	ug/L	0.076
Dimethyl phthalate	ND	9.5	ug/L	0.13

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AECOM, Inc

Client Sample ID: MW-14D

GC/MS Semivolatiles

Lot-Sample #...: C8L120342-002 Work Order #...: K4MVQ1AC Matrix.....: WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-butyl phthalate	**0.74 J**	**9.5**	**ug/L**	**0.28**
4,6-Dinitro-2-methylphenol	ND	48	ug/L	7.4
2,4-Dinitrophenol	ND 48 U	48	ug/L	5.8
2,4-Dinitrotoluene	ND	9.5	ug/L	0.16
2,6-Dinitrotoluene	ND	9.5	ug/L	0.18
Di-n-octyl phthalate	**2.7 J**	**9.5**	**ug/L**	**0.15**
Fluoranthene	**15**	**1.9**	**ug/L**	**0.095**
Fluorene	**56**	**1.9**	**ug/L**	**0.094**
Hexachlorobenzene	ND	1.9	ug/L	0.17
Hexachlorobutadiene	ND	1.9	ug/L	0.12
Hexachlorocyclopentadiene	ND	9.5	ug/L	0.11
Hexachloroethane	ND	9.5	ug/L	0.073
Indeno(1,2,3-cd)pyrene	**5.9**	**1.9**	**ug/L**	**0.15**
Isophorone	ND	9.5	ug/L	0.27
2-Methylnaphthalene	**370**	**1.9**	**ug/L**	**0.15**
2-Methylphenol	ND	9.5	ug/L	0.13
4-Methylphenol	ND	9.5	ug/L	0.17
Naphthalene 2500	~~1000 E~~	**1.9**	**ug/L**	**0.26**
2-Nitroaniline	ND	48	ug/L	0.16
3-Nitroaniline	ND	48	ug/L	0.25
4-Nitroaniline	ND	48	ug/L	0.22
Nitrobenzene	ND	1.9	ug/L	0.17
2-Nitrophenol	ND	9.5	ug/L	0.13
4-Nitrophenol	ND	48	ug/L	3.7
N-Nitrosodi-n-propylamine	ND	1.9	ug/L	0.37
N-Nitrosodiphenylamine	ND	1.9	ug/L	0.13
2,2'-oxybis(1-Chloropropane)	ND	1.9	ug/L	0.33
Pentachlorophenol	ND	9.5	ug/L	1.8
Phenanthrene	**82**	**1.9**	**ug/L**	**0.27**
Phenol	ND	1.9	ug/L	0.22
Pyrene	**20**	**1.9**	**ug/L**	**0.11**
2,4,5-Trichlorophenol	ND	9.5	ug/L	0.14
2,4,6-Trichlorophenol	ND	9.5	ug/L	0.086

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AECOM, Inc

Client Sample ID: MW-14D

GC/MS Semivolatiles

Lot-Sample #...: C8L120342-002 Work Order #...: K4MVQ1AC Matrix.....: WG

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	76	(33 - 122)
2-Fluorobiphenyl	76	(35 - 108)
2-Fluorophenol	75	(26 - 100)
Nitrobenzene-d5	80	(37 - 104)
Phenol-d5	73	(30 - 102)
Terphenyl-d14	70	(25 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

E Estimated result. Result concentration exceeds the calibration range.

AECOM, Inc

Client Sample ID: MW-14D DL

GC/MS Semivolatiles

Lot-Sample #...:	C8L120342-002	Work Order #...:	K4MVQ2AC	Matrix.....:	WG
Date Sampled...:	12/11/08 08:30	Date Received..:	12/12/08 10:00	MS Run #.....:	
Prep Date.....:	12/18/08	Analysis Date..:	12/26/08		
Prep Batch #...:	8354035	Analysis Time..:	05:28		
Dilution Factor:	9.5	Initial Wgt/Vol:	1050 mL	Final Wgt/Vol..:	10 mL
Analyst ID.....:	003200	Instrument ID..:	731		
		Method.....:	SW846 8270C		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	**150**	**19**	**ug/L**	**1.4**
Acenaphthylene	**13 J**	**19**	**ug/L**	**0.80**
Acetophenone	ND	95	ug/L	2.1
Anthracene	**19**	**19**	**ug/L**	**9.9**
Atrazine	ND	95	ug/L	1.9
Benzo(a)anthracene	**11 J**	**19**	**ug/L**	**1.7**
Benzo(a)pyrene	**9.1 J**	**19**	**ug/L**	**1.1**
Benzo(b)fluoranthene	ND	19	ug/L	1.5
Benzo(ghi)perylene	**7.0 J**	**19**	**ug/L**	**1.4**
Benzo(k)fluoranthene	ND	19	ug/L	1.6
Benzaldehyde	ND	95	ug/L	4.8
1,1'-Biphenyl	**41 J**	**95**	**ug/L**	**1.5**
bis(2-Chloroethoxy) methane	ND	95	ug/L	1.3
bis(2-Chloroethyl)-ether	ND	19	ug/L	2.5
bis(2-Ethylhexyl) phthalate	ND	95	ug/L	4.4
4-Bromophenyl phenyl ether	ND	95	ug/L	1.8
Butyl benzyl phthalate	ND	95	ug/L	29
Caprolactam	ND	480	ug/L	69
Carbazole	**6.9 J**	**19**	**ug/L**	**1.3**
4-Chloroaniline	ND	95	ug/L	10
4-Chloro-3-methylphenol	ND	95	ug/L	2.4
2-Chloronaphthalene	ND	19	ug/L	1.4
2-Chlorophenol	ND	95	ug/L	2.0
4-Chlorophenyl phenyl ether	ND	95	ug/L	0.99
Chrysene	**11 J**	**19**	**ug/L**	**1.0**
Dibenz(a,h)anthracene	**4.8 J**	**19**	**ug/L**	**1.2**
Dibenzofuran	**5.8 J**	**95**	**ug/L**	**1.8**
3,3'-Dichlorobenzidine	ND	95	ug/L	3.4
2,4-Dichlorophenol	ND	19	ug/L	1.3
Diethyl phthalate	ND	95	ug/L	4.3
2,4-Dimethylphenol	ND	95	ug/L	0.76
Dimethyl phthalate	ND	95	ug/L	1.3

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AECOM, Inc

Client Sample ID: MW-14D DL

GC/MS Semivolatiles

Lot-Sample #...: C8L120342-002 Work Order #...: K4MVQ2AC Matrix.....: WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-butyl phthalate	ND	95	ug/L	2.8
4,6-Dinitro-2-methylphenol	ND	480	ug/L	74
2,4-Dinitrophenol	ND	480	ug/L	58
2,4-Dinitrotoluene	ND	95	ug/L	1.6
2,6-Dinitrotoluene	ND	95	ug/L	1.8
Di-n-octyl phthalate	ND	95	ug/L	1.5
Fluoranthene	**13 J**	**19**	**ug/L**	**0.95**
Fluorene	**55**	**19**	**ug/L**	**0.94**
Hexachlorobenzene	ND	19	ug/L	1.7
Hexachlorobutadiene	ND	19	ug/L	1.2
Hexachlorocyclopentadiene	ND	95	ug/L	1.1
Hexachloroethane	ND	95	ug/L	0.73
Indeno(1,2,3-cd)pyrene	**4.8 J**	**19**	**ug/L**	**1.5**
Isophorone	ND	95	ug/L	2.7
2-Methylnaphthalene	**360**	**19**	**ug/L**	**1.5**
2-Methylphenol	ND	95	ug/L	1.3
4-Methylphenol	ND	95	ug/L	1.7
Naphthalene	**2500**	**19**	**ug/L**	**2.6**
2-Nitroaniline	ND	480	ug/L	1.6
3-Nitroaniline	ND	480	ug/L	2.5
4-Nitroaniline	ND	480	ug/L	2.2
Nitrobenzene	ND	19	ug/L	1.7
2-Nitrophenol	ND	95	ug/L	1.3
4-Nitrophenol	ND	480	ug/L	37
N-Nitrosodi-n-propylamine	ND	19	ug/L	3.7
N-Nitrosodiphenylamine	ND	19	ug/L	1.3
2,2'-oxybis(1-Chloropropane)	ND	19	ug/L	3.3
Pentachlorophenol	ND	95	ug/L	18
Phenanthrene	**87**	**19**	**ug/L**	**2.7**
Phenol	ND	19	ug/L	2.2
Pyrene	**20**	**19**	**ug/L**	**1.1**
2,4,5-Trichlorophenol	ND	95	ug/L	1.4
2,4,6-Trichlorophenol	ND	95	ug/L	0.86

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AECOM, Inc

Client Sample ID: MW-14D DL

GC/MS Semivolatiles

Lot-Sample #...: C8L120342-002 Work Order #...: K4MVQ2AC Matrix.....: WG

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	61	(33 - 122)
2-Fluorobiphenyl	79	(35 - 108)
2-Fluorophenol	75	(26 - 100)
Nitrobenzene-d5	80	(37 - 104)
Phenol-d5	74	(30 - 102)
Terphenyl-d14	76	(25 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

AECOM, Inc

Client Sample ID: MW-14

GC/MS Semivolatiles

Lot-Sample #...:	C8L120342-003	**Work Order #...:**	K4MVR1AJ	**Matrix.....:**	WG
Date Sampled...:	12/11/08 09:30	**Date Received..:**	12/12/08 10:00	**MS Run #.....:**	
Prep Date.....:	12/18/08	**Analysis Date..:**	12/22/08		
Prep Batch #...:	8354035	**Analysis Time..:**	06:55		
Dilution Factor:	0.97	**Initial Wgt/Vol:**	1030 mL	**Final Wgt/Vol..:**	10 mL
Analyst ID.....:	003200	**Instrument ID..:**	731		
		Method.....:	SW846 8270C		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	**1.5 J**	**1.9**	**ug/L**	**0.14**
Acenaphthylene	ND	1.9	ug/L	0.082
Acetophenone	ND	9.7	ug/L	0.21
Anthracene	ND	1.9	ug/L	1.0
Atrazine	ND	9.7	ug/L	0.20
Benzo(a)anthracene	ND	1.9	ug/L	0.17
Benzo(a)pyrene	ND	1.9	ug/L	0.11
Benzo(b)fluoranthene	ND	1.9	ug/L	0.16
Benzo(ghi)perylene	ND	1.9	ug/L	0.14
Benzo(k)fluoranthene	ND	1.9	ug/L	0.16
Benzaldehyde	ND	9.7	ug/L	0.49
1,1'-Biphenyl	ND	9.7	ug/L	0.15
bis(2-Chloroethoxy) methane	ND	9.7	ug/L	0.13
bis(2-Chloroethyl)-ether	ND	1.9	ug/L	0.26
bis(2-Ethylhexyl) phthalate	ND	9.7	ug/L	0.45
4-Bromophenyl phenyl ether	ND	9.7	ug/L	0.18
Butyl benzyl phthalate	ND	9.7	ug/L	3.0
Caprolactam	ND	48	ug/L	7.0
Carbazole	ND	1.9	ug/L	0.13
4-Chloroaniline	ND	9.7	ug/L	1.1
4-Chloro-3-methylphenol	ND	9.7	ug/L	0.25
2-Chloronaphthalene	ND	1.9	ug/L	0.15
2-Chlorophenol	ND	9.7	ug/L	0.20
4-Chlorophenyl phenyl ether	ND	9.7	ug/L	0.10
Chrysene	ND	1.9	ug/L	0.10
Dibenz(a,h)anthracene	ND	1.9	ug/L	0.12
Dibenzofuran	ND	9.7	ug/L	0.18
3,3'-Dichlorobenzidine	ND	9.7	ug/L	0.35
2,4-Dichlorophenol	ND	1.9	ug/L	0.13
Diethyl phthalate	ND	9.7	ug/L	0.44
2,4-Dimethylphenol	ND	9.7	ug/L	0.078
Dimethyl phthalate	ND	9.7	ug/L	0.14

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AECOM, Inc

Client Sample ID: MW-14

GC/MS Semivolatiles

Lot-Sample #...: C8L120342-003 Work Order #...: K4MVR1AJ Matrix.....: WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-butyl phthalate	ND	9.7	ug/L	0.29
4,6-Dinitro-2-methylphenol	ND	48	ug/L	7.6
2,4-Dinitrophenol	ND 43 ucT	48	ug/L	6.0
2,4-Dinitrotoluene	ND	9.7	ug/L	0.16
2,6-Dinitrotoluene	ND	9.7	ug/L	0.19
Di-n-octyl phthalate	ND	9.7	ug/L	0.15
Fluoranthene	ND	1.9	ug/L	0.097
Fluorene	**0.38 J**	**1.9**	**ug/L**	**0.096**
Hexachlorobenzene	ND	1.9	ug/L	0.18
Hexachlorobutadiene	ND	1.9	ug/L	0.12
Hexachlorocyclopentadiene	ND	9.7	ug/L	0.11
Hexachloroethane	ND	9.7	ug/L	0.074
Indeno(1,2,3-cd)pyrene	ND	1.9	ug/L	0.16
Isophorone	ND	9.7	ug/L	0.28
2-Methylnaphthalene	ND	1.9	ug/L	0.15
2-Methylphenol	ND	9.7	ug/L	0.14
4-Methylphenol	ND	9.7	ug/L	0.17
Naphthalene	ND	1.9	ug/L	0.27
2-Nitroaniline	ND	48	ug/L	0.16
3-Nitroaniline	ND	48	ug/L	0.25
4-Nitroaniline	ND	48	ug/L	0.22
Nitrobenzene	ND	1.9	ug/L	0.17
2-Nitrophenol	ND	9.7	ug/L	0.14
4-Nitrophenol	ND	48	ug/L	3.8
N-Nitrosodi-n-propylamine	ND	1.9	ug/L	0.37
N-Nitrosodiphenylamine	ND	1.9	ug/L	0.13
2,2'-oxybis(1-Chloropropane)	ND	1.9	ug/L	0.34
Pentachlorophenol	ND	9.7	ug/L	1.8
Phenanthrene	**0.45 J**	**1.9**	**ug/L**	**0.28**
Phenol	ND	1.9	ug/L	0.23
Pyrene	ND	1.9	ug/L	0.11
2,4,5-Trichlorophenol	ND	9.7	ug/L	0.15
2,4,6-Trichlorophenol	ND	9.7	ug/L	0.088

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AECOM, Inc

Client Sample ID: MW-14

GC/MS Semivolatiles

Lot-Sample #...: C8L120342-003 Work Order #...: K4MVR1AJ Matrix.....: WG

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	68	(33 - 122)
2-Fluorobiphenyl	78	(35 - 108)
2-Fluorophenol	74	(26 - 100)
Nitrobenzene-d5	78	(37 - 104)
Phenol-d5	73	(30 - 102)
Terphenyl-d14	70	(25 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

AECOM, Inc

Client Sample ID: MW-1400

GC/MS Semivolatiles

Lot-Sample #...:	C8L120342-004	**Work Order #...:**	K4MVT1AJ	**Matrix.....:**	WG
Date Sampled...:	12/11/08 13:00	**Date Received..:**	12/12/08 10:00	**MS Run #.....:**	
Prep Date.....:	12/18/08	**Analysis Date..:**	12/22/08		
Prep Batch #...:	8354035	**Analysis Time..:**	07:20		
Dilution Factor:	0.96	**Initial Wgt/Vol:**	1040 mL	**Final Wgt/Vol..:**	10 mL
Analyst ID.....:	003200	**Instrument ID..:**	731		
		Method.....:	SW846 8270C		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	**1.6 J**	**1.9**	**ug/L**	**0.14**
Acenaphthylene	ND	1.9	ug/L	0.081
Acetophenone	ND	9.6	ug/L	0.21
Anthracene	ND	1.9	ug/L	1.0
Atrazine	ND	9.6	ug/L	0.19
Benzo(a)anthracene	ND	1.9	ug/L	0.17
Benzo(a)pyrene	ND	1.9	ug/L	0.11
Benzo(b)fluoranthene	ND	1.9	ug/L	0.16
Benzo(ghi)perylene	ND	1.9	ug/L	0.14
Benzo(k)fluoranthene	ND	1.9	ug/L	0.16
Benzaldehyde	ND	9.6	ug/L	0.48
1,1'-Biphenyl	ND	9.6	ug/L	0.15
bis(2-Chloroethoxy) methane	ND	9.6	ug/L	0.13
bis(2-Chloroethyl)-ether	ND	1.9	ug/L	0.25
bis(2-Ethylhexyl) phthalate	ND	9.6	ug/L	0.44
4-Bromophenyl phenyl ether	ND	9.6	ug/L	0.18
Butyl benzyl phthalate	ND	9.6	ug/L	2.9
Caprolactam	ND	48	ug/L	6.9
Carbazole	ND	1.9	ug/L	0.13
4-Chloroaniline	ND	9.6	ug/L	1.0
4-Chloro-3-methylphenol	ND	9.6	ug/L	0.24
2-Chloronaphthalene	ND	1.9	ug/L	0.15
2-Chlorophenol	ND	9.6	ug/L	0.20
4-Chlorophenyl phenyl ether	ND	9.6	ug/L	0.10
Chrysene	ND	1.9	ug/L	0.10
Dibenz(a,h)anthracene	ND	1.9	ug/L	0.12
Dibenzofuran	ND	9.6	ug/L	0.18
3,3'-Dichlorobenzidine	ND	9.6	ug/L	0.35
2,4-Dichlorophenol	ND	1.9	ug/L	0.13
Diethyl phthalate	ND	9.6	ug/L	0.43
2,4-Dimethylphenol	ND	9.6	ug/L	0.077
Dimethyl phthalate	ND	9.6	ug/L	0.13

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AECOM, Inc

Client Sample ID: MW-1400

GC/MS Semivolatiles

Lot-Sample #...: C8L120342-004 Work Order #...: K4MVT1AJ Matrix.....: WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-butyl phthalate	ND	9.6	ug/L	0.29
4,6-Dinitro-2-methylphenol	ND	48	ug/L	7.5
2,4-Dinitrophenol	ND 48 UJ	48	ug/L	5.9
2,4-Dinitrotoluene	ND	9.6	ug/L	0.16
2,6-Dinitrotoluene	ND	9.6	ug/L	0.18
Di-n-octyl phthalate	ND	9.6	ug/L	0.15
Fluoranthene	ND	1.9	ug/L	0.096
Fluorene	ND	1.9	ug/L	0.095
Hexachlorobenzene	ND	1.9	ug/L	0.17
Hexachlorobutadiene	ND	1.9	ug/L	0.12
Hexachlorocyclopentadiene	ND	9.6	ug/L	0.11
Hexachloroethane	ND	9.6	ug/L	0.074
Indeno(1,2,3-cd)pyrene	ND	1.9	ug/L	0.15
Isophorone	ND	9.6	ug/L	0.28
2-Methylnaphthalene	ND	1.9	ug/L	0.15
2-Methylphenol	ND	9.6	ug/L	0.13
4-Methylphenol	ND	9.6	ug/L	0.17
Naphthalene	ND	1.9	ug/L	0.27
2-Nitroaniline	ND	48	ug/L	0.16
3-Nitroaniline	ND	48	ug/L	0.25
4-Nitroaniline	ND	48	ug/L	0.22
Nitrobenzene	ND	1.9	ug/L	0.17
2-Nitrophenol	ND	9.6	ug/L	0.13
4-Nitrophenol	ND	48	ug/L	3.8
N-Nitrosodi-n-propylamine	ND	1.9	ug/L	0.37
N-Nitrosodiphenylamine	ND	1.9	ug/L	0.13
2,2'-oxybis(1-Chloropropane)	ND	1.9	ug/L	0.33
Pentachlorophenol	ND	9.6	ug/L	1.8
Phenanthrene	**0.40 J**	**1.9**	**ug/L**	**0.27**
Phenol	ND	1.9	ug/L	0.23
Pyrene	ND	1.9	ug/L	0.11
2,4,5-Trichlorophenol	ND	9.6	ug/L	0.15
2,4,6-Trichlorophenol	ND	9.6	ug/L	0.087

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AECOM, Inc

Client Sample ID: MW-1400

GC/MS Semivolatiles

Lot-Sample #...: C8L120342-004 Work Order #...: K4MVT1AJ Matrix.....: WG

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	69	(33 - 122)
2-Fluorobiphenyl	78	(35 - 108)
2-Fluorophenol	83	(26 - 100)
Nitrobenzene-d5	82	(37 - 104)
Phenol-d5	82	(30 - 102)
Terphenyl-d14	70	(25 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

AECOM, Inc

Client Sample ID: MW-8

GC/MS Semivolatiles

Lot-Sample #...: C8L120342-005	**Work Order #...:** K4MVX1AJ	**Matrix.....:** WG	
Date Sampled...: 12/11/08 10:45	**Date Received..:** 12/12/08 10:00	**MS Run #.....:**	
Prep Date.....: 12/18/08	**Analysis Date..:** 12/26/08		
Prep Batch #...: 8354035	**Analysis Time..:** 05:52		
Dilution Factor: 380	**Initial Wgt/Vol:** 1050 mL	**Final Wgt/Vol..:** 10 mL	
Analyst ID.....: 003200	**Instrument ID..:** 731		
	Method.....: SW846 8270C		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	760	ug/L	55
Acenaphthylene	**180 J**	**760**	**ug/L**	**32**
Acetophenone	ND	3800	ug/L	84
Anthracene	ND	760	ug/L	390
Atrazine	ND	3800	ug/L	77
Benzo(a)anthracene	ND	760	ug/L	67
Benzo(a)pyrene	ND	760	ug/L	44
Benzo(b)fluoranthene	ND	760	ug/L	62
Benzo(ghi)perylene	ND	760	ug/L	55
Benzo(k)fluoranthene	ND	760	ug/L	62
Benzaldehyde	ND	3800	ug/L	190
1,1'-Biphenyl	ND	3800	ug/L	59
bis(2-Chloroethoxy) methane	ND	3800	ug/L	52
bis(2-Chloroethyl)-ether	ND	760	ug/L	100
bis(2-Ethylhexyl) phthalate	ND	3800	ug/L	180
4-Bromophenyl phenyl ether	ND	3800	ug/L	71
Butyl benzyl phthalate	ND	3800	ug/L	1200
Caprolactam	ND	19000	ug/L	2700
Carbazole	**210 J**	**760**	**ug/L**	**52**
4-Chloroaniline	ND	3800	ug/L	410
4-Chloro-3-methylphenol	ND	3800	ug/L	96
2-Chloronaphthalene	ND	760	ug/L	57
2-Chlorophenol	ND	3800	ug/L	80
4-Chlorophenyl phenyl ether	ND	3800	ug/L	40
Chrysene	ND	760	ug/L	41
Dibenz(a,h)anthracene	ND	760	ug/L	48
Dibenzofuran	**100 J**	**3800**	**ug/L**	**70**
3,3'-Dichlorobenzidine	ND	3800	ug/L	140
2,4-Dichlorophenol	ND	760	ug/L	51
Diethyl phthalate	ND	3800	ug/L	170
2,4-Dimethylphenol	**22000**	**3800**	**ug/L**	**31**
Dimethyl phthalate	ND	3800	ug/L	53

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AECOM, Inc

Client Sample ID: MW-8

GC/MS Semivolatiles

Lot-Sample #...: C8L120342-005 Work Order #...: K4MVX1AJ Matrix.....: WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-butyl phthalate	ND	3800	ug/L	110
4,6-Dinitro-2-methylphenol	ND	19000	ug/L	3000
2,4-Dinitrophenol	ND	19000	ug/L	2300
2,4-Dinitrotoluene	ND	3800	ug/L	63
2,6-Dinitrotoluene	ND	3800	ug/L	73
Di-n-octyl phthalate	ND	3800	ug/L	59
Fluoranthene	**58 J**	**760**	**ug/L**	**38**
Fluorene	ND	760	ug/L	38
Hexachlorobenzene	ND	760	ug/L	69
Hexachlorobutadiene	ND	760	ug/L	46
Hexachlorocyclopentadiene	ND	3800	ug/L	44
Hexachloroethane	ND	3800	ug/L	29
Indeno(1,2,3-cd)pyrene	ND	760	ug/L	61
Isophorone	ND	3800	ug/L	110
2-Methylnaphthalene	**390 J**	**760**	**ug/L**	**60**
2-Methylphenol	**23000**	**3800**	**ug/L**	**53**
4-Methylphenol	**57000**	**3800**	**ug/L**	**67**
Naphthalene	**7200**	**760**	**ug/L**	**110**
2-Nitroaniline	ND	19000	ug/L	63
3-Nitroaniline	ND	19000	ug/L	99
4-Nitroaniline	ND	19000	ug/L	87
Nitrobenzene	ND	760	ug/L	68
2-Nitrophenol	ND	3800	ug/L	53
4-Nitrophenol	ND	19000	ug/L	1500
N-Nitrosodi-n-propylamine	ND	760	ug/L	150
N-Nitrosodiphenylamine	ND	760	ug/L	52
2,2'-oxybis (1-Chloropropane)	ND	760	ug/L	130
Pentachlorophenol	ND	3800	ug/L	710
Phenanthrene	**180 J**	**760**	**ug/L**	**110**
Phenol	**26000**	**760**	**ug/L**	**90**
Pyrene	ND	760	ug/L	42
2,4,5-Trichlorophenol	ND	3800	ug/L	58
2,4,6-Trichlorophenol	ND	3800	ug/L	35

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AECOM, Inc

Client Sample ID: MW-8

GC/MS Semivolatiles

Lot-Sample #...: C8L120342-005 Work Order #...: K4MVX1AJ Matrix.....: WG

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	NC,DIL	(33 - 122)
2-Fluorobiphenyl	NC,DIL	(35 - 108)
2-Fluorophenol	NC,DIL	(26 - 100)
Nitrobenzene-d5	NC,DIL	(37 - 104)
Phenol-d5	NC,DIL	(30 - 102)
Terphenyl-d14	NC,DIL	(25 - 130)

NOTE(S):

NC The recovery and/or RPD were not calculated.

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

J Estimated result. Result is less than RL.

AECOM, Inc

Client Sample ID: MW-8D

GC/MS Semivolatiles

Lot-Sample #...:	C8L120342-006	**Work Order #...:**	K4MV01AJ	**Matrix.....:**	WG
Date Sampled...:	12/11/08 11:30	**Date Received..:**	12/12/08 10:00	**MS Run #.....:**	
Prep Date.....:	12/18/08	**Analysis Date..:**	12/26/08		
Prep Batch #...:	8354035	**Analysis Time..:**	06:16		
Dilution Factor:	47	**Initial Wgt/Vol:**	1060 mL	**Final Wgt/Vol..:**	10 mL
Analyst ID.....:	003200	**Instrument ID..:**	731		
		Method.....:	SW846 8270C		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	**580**	**94**	**ug/L**	**6.8**
Acenaphthylene	**89 J**	**94**	**ug/L**	**4.0**
Acetophenone	ND	470	ug/L	10
Anthracene	**200**	**94**	**ug/L**	**49**
Atrazine	ND	470	ug/L	9.5
Benzo(a)anthracene	**130**	**94**	**ug/L**	**8.3**
Benzo(a)pyrene	**88 J**	**94**	**ug/L**	**5.5**
Benzo(b)fluoranthene	**71 J**	**94**	**ug/L**	**7.7**
Benzo(ghi)perylene	**32 J**	**94**	**ug/L**	**6.8**
Benzo(k)fluoranthene	ND	94	ug/L	7.7
Benzaldehyde	ND	470	ug/L	24
1,1'-Biphenyl	**140 J**	**470**	**ug/L**	**7.2**
bis(2-Chloroethoxy) methane	ND	470	ug/L	6.4
bis(2-Chloroethyl)-ether	ND	94	ug/L	12
bis(2-Ethylhexyl) phthalate	ND	470	ug/L	22
4-Bromophenyl phenyl ether	ND	470	ug/L	8.8
Butyl benzyl phthalate	ND	470	ug/L	140
Caprolactam	ND	2400	ug/L	340
Carbazole	**16 J**	**94**	**ug/L**	**6.4**
4-Chloroaniline	ND	470	ug/L	51
4-Chloro-3-methylphenol	ND	470	ug/L	12
2-Chloronaphthalene	ND	94	ug/L	7.1
2-Chlorophenol	ND	470	ug/L	9.9
4-Chlorophenyl phenyl ether	ND	470	ug/L	4.9
Chrysene	**92 J**	**94**	**ug/L**	**5.1**
Dibenz(a,h)anthracene	ND	94	ug/L	6.0
Dibenzofuran	**28 J**	**470**	**ug/L**	**8.7**
3,3'-Dichlorobenzidine	ND 470 U S	470	ug/L	17
2,4-Dichlorophenol	ND	94	ug/L	6.3
Diethyl phthalate	ND	470	ug/L	21
2,4-Dimethylphenol	ND	470	ug/L	3.8
Dimethyl phthalate	ND	470	ug/L	6.6

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AECOM, Inc

Client Sample ID: MW-8D

GC/MS Semivolatiles

Lot-Sample #...: C8L120342-006 Work Order #...: K4MV01AJ Matrix.....: WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-butyl phthalate	ND	470	ug/L	14
4,6-Dinitro-2-methylphenol	ND	2400	ug/L	370
2,4-Dinitrophenol	ND	2400	ug/L	290
2,4-Dinitrotoluene	ND	470	ug/L	7.8
2,6-Dinitrotoluene	ND	470	ug/L	9.0
Di-n-octyl phthalate	ND	470	ug/L	7.3
Fluoranthene	**210**	**94**	**ug/L**	**4.7**
Fluorene	**270**	**94**	**ug/L**	**4.7**
Hexachlorobenzene	ND	94	ug/L	8.6
Hexachlorobutadiene	ND	94	ug/L	5.7
Hexachlorocyclopentadiene	ND	470	ug/L	5.4
Hexachloroethane	ND	470	ug/L	3.6
Indeno(1,2,3-cd)pyrene	**23 J**	**94**	**ug/L**	**7.6**
Isophorone	ND	470	ug/L	14
2-Methylnaphthalene	**1000**	**94**	**ug/L**	**7.4**
2-Methylphenol	ND	470	ug/L	6.6
4-Methylphenol	ND	470	ug/L	8.3
Naphthalene	**6900**	**94**	**ug/L**	**13**
2-Nitroaniline	ND	2400	ug/L	7.8
3-Nitroaniline	ND	2400	ug/L	12
4-Nitroaniline	ND	2400	ug/L	11
Nitrobenzene	ND	94	ug/L	8.5
2-Nitrophenol	ND	470	ug/L	6.6
4-Nitrophenol	ND	2400	ug/L	180
N-Nitrosodi-n-propylamine	ND	94	ug/L	18
N-Nitrosodiphenylamine	ND	94	ug/L	6.4
2,2'-oxybis(1-Chloropropane)	ND	94	ug/L	16
Pentachlorophenol	ND	470	ug/L	88
Phenanthrene	**770**	**94**	**ug/L**	**13**
Phenol	ND	94	ug/L	11
Pyrene	**300**	**94**	**ug/L**	**5.2**
2,4,5-Trichlorophenol	ND	470	ug/L	7.1
2,4,6-Trichlorophenol	ND	470	ug/L	4.3

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AECOM, Inc

Client Sample ID: MW-8D

GC/MS Semivolatiles

Lot-Sample #...: C8L120342-006 Work Order #...: K4MV01AJ Matrix.....: WG

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	NC,DIL	(33 - 122)
2-Fluorobiphenyl	NC,DIL	(35 - 108)
2-Fluorophenol	NC,DIL	(26 - 100)
Nitrobenzene-d5	NC,DIL	(37 - 104)
Phenol-d5	NC,DIL	(30 - 102)
Terphenyl-d14	NC,DIL	(25 - 130)

NOTE(S):

NC The recovery and/or RPD were not calculated.

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

J Estimated result. Result is less than RL.

AECOM, Inc

Client Sample ID: CTM-1

GC/MS Semivolatiles

Lot-Sample #...:	C8L120342-007	**Work Order #...:**	K4MV11AJ	**Matrix.....:**	WG
Date Sampled...:	12/11/08 09:02	**Date Received..:**	12/12/08 10:00	**MS Run #.....:**	
Prep Date.....:	12/18/08	**Analysis Date..:**	12/22/08		
Prep Batch #...:	8354035	**Analysis Time..:**	08:32		
Dilution Factor:	0.97	**Initial Wgt/Vol:**	1030 mL	**Final Wgt/Vol..:**	10 mL
Analyst ID.....:	003200	**Instrument ID..:**	731		
		Method.....:	SW846 8270C		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	**4.6**	**1.9**	**ug/L**	**0.14**
Acenaphthylene	ND	1.9	ug/L	0.082
Acetophenone	ND	9.7	ug/L	0.21
Anthracene	ND	1.9	ug/L	1.0
Atrazine	ND	9.7	ug/L	0.20
Benzo(a)anthracene	ND	1.9	ug/L	0.17
Benzo(a)pyrene	ND	1.9	ug/L	0.11
Benzo(b)fluoranthene	ND	1.9	ug/L	0.16
Benzo(ghi)perylene	ND	1.9	ug/L	0.14
Benzo(k)fluoranthene	ND	1.9	ug/L	0.16
Benzaldehyde	ND	9.7	ug/L	0.49
1,1'-Biphenyl	ND	9.7	ug/L	0.15
bis(2-Chloroethoxy) methane	ND	9.7	ug/L	0.13
bis(2-Chloroethyl)-ether	ND	1.9	ug/L	0.26
bis(2-Ethylhexyl) phthalate	ND	9.7	ug/L	0.45
4-Bromophenyl phenyl ether	ND	9.7	ug/L	0.18
Butyl benzyl phthalate	ND	9.7	ug/L	3.0
Caprolactam	ND	48	ug/L	7.0
Carbazole	ND	1.9	ug/L	0.13
4-Chloroaniline	ND	9.7	ug/L	1.1
4-Chloro-3-methylphenol	ND	9.7	ug/L	0.25
2-Chloronaphthalene	ND	1.9	ug/L	0.15
2-Chlorophenol	ND	9.7	ug/L	0.20
4-Chlorophenyl phenyl ether	ND	9.7	ug/L	0.10
Chrysene	ND	1.9	ug/L	0.10
Dibenz(a,h)anthracene	ND	1.9	ug/L	0.12
Dibenzofuran	**0.60 J**	**9.7**	**ug/L**	**0.18**
3,3'-Dichlorobenzidine	ND	9.7	ug/L	0.35
2,4-Dichlorophenol	ND	1.9	ug/L	0.13
Diethyl phthalate	ND	9.7	ug/L	0.44
2,4-Dimethylphenol	ND	9.7	ug/L	0.078
Dimethyl phthalate	ND	9.7	ug/L	0.14

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AECOM, Inc

Client Sample ID: CTM-1

GC/MS Semivolatiles

Lot-Sample #...: C8L120342-007 Work Order #...: K4MV11AJ Matrix.....: WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-butyl phthalate	ND	9.7	ug/L	0.29
4,6-Dinitro-2-methylphenol	ND	48	ug/L	7.6
2,4-Dinitrophenol	ND 48 U5	48	ug/L	6.0
2,4-Dinitrotoluene	ND	9.7	ug/L	0.16
2,6-Dinitrotoluene	ND	9.7	ug/L	0.19
Di-n-octyl phthalate	ND	9.7	ug/L	0.15
Fluoranthene	**0.33 J**	**1.9**	**ug/L**	**0.097**
Fluorene	**1.8 J**	**1.9**	**ug/L**	**0.096**
Hexachlorobenzene	ND	1.9	ug/L	0.18
Hexachlorobutadiene	ND	1.9	ug/L	0.12
Hexachlorocyclopentadiene	ND	9.7	ug/L	0.11
Hexachloroethane	ND	9.7	ug/L	0.074
Indeno(1,2,3-cd)pyrene	ND	1.9	ug/L	0.16
Isophorone	ND	9.7	ug/L	0.28
2-Methylnaphthalene	ND	1.9	ug/L	0.15
2-Methylphenol	ND	9.7	ug/L	0.14
4-Methylphenol	ND	9.7	ug/L	0.17
Naphthalene	ND	1.9	ug/L	0.27
2-Nitroaniline	ND	48	ug/L	0.16
3-Nitroaniline	ND	48	ug/L	0.25
4-Nitroaniline	ND	48	ug/L	0.22
Nitrobenzene	ND	1.9	ug/L	0.17
2-Nitrophenol	ND	9.7	ug/L	0.14
4-Nitrophenol	ND	48	ug/L	3.8
N-Nitrosodi-n-propylamine	ND	1.9	ug/L	0.37
N-Nitrosodiphenylamine	ND	1.9	ug/L	0.13
2,2'-oxybis(1-Chloropropane)	ND	1.9	ug/L	0.34
Pentachlorophenol	ND	9.7	ug/L	1.8
Phenanthrene	**3.0**	**1.9**	**ug/L**	**0.28**
Phenol	ND	1.9	ug/L	0.23
Pyrene	**0.20 J**	**1.9**	**ug/L**	**0.11**
2,4,5-Trichlorophenol	ND	9.7	ug/L	0.15
2,4,6-Trichlorophenol	ND	9.7	ug/L	0.088

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AECOM, Inc

Client Sample ID: CTM-1

GC/MS Semivolatiles

Lot-Sample #...: C8L120342-007 Work Order #...: K4MV11AJ Matrix.....: WG

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	63	(33 - 122)
2-Fluorobiphenyl	72	(35 - 108)
2-Fluorophenol	67	(26 - 100)
Nitrobenzene-d5	73	(37 - 104)
Phenol-d5	65	(30 - 102)
Terphenyl-d14	49	(25 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

AECOM, Inc

Client Sample ID: CTM-15

GC/MS Semivolatiles

Lot-Sample #...: C8L120342-008	**Work Order #...:** K4MV21AJ	**Matrix.....:** WG	
Date Sampled...: 12/11/08 11:47	**Date Received..:** 12/12/08 10:00	**MS Run #.....:**	
Prep Date.....: 12/18/08	**Analysis Date..:** 12/22/08		
Prep Batch #...: 8354035	**Analysis Time..:** 08:55		
Dilution Factor: 1	**Initial Wgt/Vol:** 1000 mL	**Final Wgt/Vol..:** 10 mL	
Analyst ID.....: 003200	**Instrument ID..:** 731		
	Method.....: SW846 8270C		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	**32**	**2.0**	**ug/L**	**0.14**
Acenaphthylene	**5.2**	**2.0**	**ug/L**	**0.085**
Acetophenone	ND	10	ug/L	0.22
Anthracene	**2.2**	**2.0**	**ug/L**	**1.0**
Atrazine	ND	10	ug/L	0.20
Benzo(a)anthracene	ND	2.0	ug/L	0.18
Benzo(a)pyrene	ND	2.0	ug/L	0.12
Benzo(b)fluoranthene	ND	2.0	ug/L	0.16
Benzo(ghi)perylene	ND	2.0	ug/L	0.14
Benzo(k)fluoranthene	ND	2.0	ug/L	0.16
Benzaldehyde	ND	10	ug/L	0.50
1,1'-Biphenyl	**0.68 J**	**10**	**ug/L**	**0.15**
bis(2-Chloroethoxy) methane	ND	10	ug/L	0.14
bis(2-Chloroethyl)-ether	ND	2.0	ug/L	0.26
bis(2-Ethylhexyl) phthalate	ND	10	ug/L	0.46
4-Bromophenyl phenyl ether	ND	10	ug/L	0.19
Butyl benzyl phthalate	ND	10	ug/L	3.1
Caprolactam	ND	50	ug/L	7.2
Carbazole	**11**	**2.0**	**ug/L**	**0.14**
4-Chloroaniline	ND	10	ug/L	1.1
4-Chloro-3-methylphenol	ND	10	ug/L	0.25
2-Chloronaphthalene	ND	2.0	ug/L	0.15
2-Chlorophenol	ND	10	ug/L	0.21
4-Chlorophenyl phenyl ether	ND	10	ug/L	0.10
Chrysene	ND	2.0	ug/L	0.11
Dibenz(a,h)anthracene	ND	2.0	ug/L	0.13
Dibenzofuran	**15**	**10**	**ug/L**	**0.18**
3,3'-Dichlorobenzidine	ND	10	ug/L	0.36
2,4-Dichlorophenol	ND	2.0	ug/L	0.13
Diethyl phthalate	ND	10	ug/L	0.45
2,4-Dimethylphenol	ND	10	ug/L	0.080
Dimethyl phthalate	ND	10	ug/L	0.14

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AECOM, Inc

Client Sample ID: CTM-15

GC/MS Semivolatiles

Lot-Sample #...: C8L120342-008 Work Order #...: K4MV21AJ Matrix.....: WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-butyl phthalate	ND	10	ug/L	0.30
4,6-Dinitro-2-methylphenol	ND	50	ug/L	7.8
2,4-Dinitrophenol	ND 50 UJ	50	ug/L	6.1
2,4-Dinitrotoluene	ND	10	ug/L	0.16
2,6-Dinitrotoluene	ND	10	ug/L	0.19
Di-n-octyl phthalate	ND	10	ug/L	0.16
Fluoranthene	**3.8**	**2.0**	**ug/L**	**0.10**
Fluorene	**16**	**2.0**	**ug/L**	**0.099**
Hexachlorobenzene	ND	2.0	ug/L	0.18
Hexachlorobutadiene	ND	2.0	ug/L	0.12
Hexachlorocyclopentadiene	ND	10	ug/L	0.12
Hexachloroethane	ND	10	ug/L	0.077
Indeno(1,2,3-cd)pyrene	ND	2.0	ug/L	0.16
Isophorone	ND	10	ug/L	0.29
2-Methylnaphthalene	**0.64 J**	**2.0**	**ug/L**	**0.16**
2-Methylphenol	ND	10	ug/L	0.14
4-Methylphenol	ND	10	ug/L	0.18
Naphthalene	**63**	**2.0**	**ug/L**	**0.28**
2-Nitroaniline	ND	50	ug/L	0.17
3-Nitroaniline	ND	50	ug/L	0.26
4-Nitroaniline	ND	50	ug/L	0.23
Nitrobenzene	ND	2.0	ug/L	0.18
2-Nitrophenol	ND	10	ug/L	0.14
4-Nitrophenol	ND	50	ug/L	3.9
N-Nitrosodi-n-propylamine	ND	2.0	ug/L	0.39
N-Nitrosodiphenylamine	ND	2.0	ug/L	0.14
2,2'-oxybis(1-Chloropropane)	ND	2.0	ug/L	0.35
Pentachlorophenol	ND	10	ug/L	1.9
Phenanthrene	**4.1**	**2.0**	**ug/L**	**0.28**
Phenol	ND	2.0	ug/L	0.24
Pyrene	**2.5**	**2.0**	**ug/L**	**0.11**
2,4,5-Trichlorophenol	ND	10	ug/L	0.15
2,4,6-Trichlorophenol	ND	10	ug/L	0.091

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AECOM, Inc

Client Sample ID: CTM-15

GC/MS Semivolatiles

Lot-Sample #...: C8L120342-008 Work Order #...: K4MV21AJ Matrix.....: WG

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	74	(33 - 122)
2-Fluorobiphenyl	79	(35 - 108)
2-Fluorophenol	72	(26 - 100)
Nitrobenzene-d5	79	(37 - 104)
Phenol-d5	72	(30 - 102)
Terphenyl-d14	73	(25 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

AECOM, Inc

Client Sample ID: MW-15D

GC/MS Semivolatiles

Lot-Sample #...:	C8L120342-009	**Work Order #...:**	K4MV31AJ	**Matrix.....:**	WG
Date Sampled...:	12/11/08 10:23	**Date Received..:**	12/12/08 10:00	**MS Run #.....:**	
Prep Date.....:	12/18/08	**Analysis Date..:**	12/22/08		
Prep Batch #...:	8354035	**Analysis Time..:**	09:19		
Dilution Factor:	1.03	**Initial Wgt/Vol:**	970 mL	**Final Wgt/Vol..:**	10 mL
Analyst ID.....:	003200	**Instrument ID..:**	731		
		Method.....:	SW846 8270C		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	**0.67 J**	**2.1**	**ug/L**	**0.15**
Acenaphthylene	ND	2.1	ug/L	0.087
Acetophenone	ND	10	ug/L	0.23
Anthracene	ND	2.1	ug/L	1.1
Atrazine	ND	10	ug/L	0.21
Benzo(a)anthracene	ND	2.1	ug/L	0.18
Benzo(a)pyrene	ND	2.1	ug/L	0.12
Benzo(b)fluoranthene	ND	2.1	ug/L	0.17
Benzo(ghi)perylene	ND	2.1	ug/L	0.15
Benzo(k)fluoranthene	ND	2.1	ug/L	0.17
Benzaldehyde	ND	10	ug/L	0.52
1,1'-Biphenyl	**0.23 J**	**10**	**ug/L**	**0.16**
bis(2-Chloroethoxy) methane	ND	10	ug/L	0.14
bis(2-Chloroethyl)-ether	ND	2.1	ug/L	0.27
bis(2-Ethylhexyl) phthalate	ND	10	ug/L	0.48
4-Bromophenyl phenyl ether	ND	10	ug/L	0.19
Butyl benzyl phthalate	ND	10	ug/L	3.2
Caprolactam	ND	52	ug/L	7.4
Carbazole	**0.61 J**	**2.1**	**ug/L**	**0.14**
4-Chloroaniline	ND	10	ug/L	1.1
4-Chloro-3-methylphenol	ND	10	ug/L	0.26
2-Chloronaphthalene	ND	2.1	ug/L	0.16
2-Chlorophenol	ND	10	ug/L	0.22
4-Chlorophenyl phenyl ether	ND	10	ug/L	0.11
Chrysene	ND	2.1	ug/L	0.11
Dibenz(a,h)anthracene	ND	2.1	ug/L	0.13
Dibenzofuran	**0.45 J**	**10**	**ug/L**	**0.19**
3,3'-Dichlorobenzidine	ND	10	ug/L	0.37
2,4-Dichlorophenol	ND	2.1	ug/L	0.14
Diethyl phthalate	ND	10	ug/L	0.46
2,4-Dimethylphenol	ND	10	ug/L	0.083
Dimethyl phthalate	ND	10	ug/L	0.14

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AECOM, Inc

Client Sample ID: MW-15D

GC/MS Semivolatiles

Lot-Sample #...: C8L120342-009 Work Order #...: K4MV31AJ Matrix.....: WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-butyl phthalate	ND	10	ug/L	0.31
4,6-Dinitro-2-methylphenol	ND	52	ug/L	8.0
2,4-Dinitrophenol	ND 52 UJ	52	ug/L	6.3
2,4-Dinitrotoluene	ND	10	ug/L	0.17
2,6-Dinitrotoluene	ND	10	ug/L	0.20
Di-n-octyl phthalate	ND	10	ug/L	0.16
Fluoranthene	**0.46 J**	**2.1**	**ug/L**	**0.10**
Fluorene	**0.63 J**	**2.1**	**ug/L**	**0.10**
Hexachlorobenzene	ND	2.1	ug/L	0.19
Hexachlorobutadiene	ND	2.1	ug/L	0.13
Hexachlorocyclopentadiene	ND	10	ug/L	0.12
Hexachloroethane	ND	10	ug/L	0.079
Indeno(1,2,3-cd)pyrene	ND	2.1	ug/L	0.17
Isophorone	ND	10	ug/L	0.30
2-Methylnaphthalene	**0.20 J**	**2.1**	**ug/L**	**0.16**
2-Methylphenol	ND	10	ug/L	0.14
4-Methylphenol	ND	10	ug/L	0.18
Naphthalene	**1.0 J**	**2.1**	**ug/L**	**0.29**
2-Nitroaniline	ND	52	ug/L	0.17
3-Nitroaniline	ND	52	ug/L	0.27
4-Nitroaniline	ND	52	ug/L	0.23
Nitrobenzene	ND	2.1	ug/L	0.19
2-Nitrophenol	ND	10	ug/L	0.14
4-Nitrophenol	ND	52	ug/L	4.0
N-Nitrosodi-n-propylamine	ND	2.1	ug/L	0.40
N-Nitrosodiphenylamine	ND	2.1	ug/L	0.14
2,2'-oxybis(1-Chloropropane)	ND	2.1	ug/L	0.36
Pentachlorophenol	ND	10	ug/L	1.9
Phenanthrene	**0.53 J**	**2.1**	**ug/L**	**0.29**
Phenol	ND	2.1	ug/L	0.24
Pyrene	**0.34 J**	**2.1**	**ug/L**	**0.11**
2,4,5-Trichlorophenol	ND	10	ug/L	0.16
2,4,6-Trichlorophenol	ND	10	ug/L	0.094

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AECOM, Inc

Client Sample ID: MW-15D

GC/MS Semivolatiles

Lot-Sample #...: C8L120342-009 Work Order #...: K4MV31AJ Matrix.....: WG

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	61	(33 - 122)
2-Fluorobiphenyl	74	(35 - 108)
2-Fluorophenol	65	(26 - 100)
Nitrobenzene-d5	73	(37 - 104)
Phenol-d5	65	(30 - 102)
Terphenyl-d14	78	(25 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

KNSR International

Client Sample ID: TP10(29)E(8-8.5)

TOTAL Metals

Lot-Sample #...: C8G160152-001 Matrix.....: SO
Date Sampled...: 07/14/08 Date Received..: 07/16/08
% Moisture.....: 12

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8206318						
Silver	~~0.14 B,J~~ 0.57U	0.57	mg/kg	SW846 6010B	07/24-07/27/08	KRK1G1AE
		Dilution Factor: 1		Analysis Time..: 22:12	Analyst ID.....: 400149	
		Instrument ID..: TRACEICP		MS Run #.....: 8206196	MDL.....: 0.042	
Aluminum	3880 ~~J~~	22.8	mg/kg	SW846 6010B	07/24-07/27/08	KRK1G1AF
		Dilution Factor: 1		Analysis Time..: 22:12	Analyst ID.....: 400149	
		Instrument ID..: TRACEICP		MS Run #.....: 8206196	MDL.....: 1.6	
Arsenic	3.8	1.1	mg/kg	SW846 6010B	07/24-07/27/08	KRK1G1AG
		Dilution Factor: 1		Analysis Time..: 22:12	Analyst ID.....: 400149	
		Instrument ID..: TRACEICP		MS Run #.....: 8206196	MDL.....: 0.26	
Barium	31.3	22.8	mg/kg	SW846 6010B	07/24-07/27/08	KRK1G1AH
		Dilution Factor: 1		Analysis Time..: 22:12	Analyst ID.....: 400149	
		Instrument ID..: TRACEICP		MS Run #.....: 8206196	MDL.....: 0.042	
Beryllium	~~0.36 B~~ 0.46U	0.46	mg/kg	SW846 6010B	07/24-07/27/08	KRK1G1AJ
		Dilution Factor: 1		Analysis Time..: 22:12	Analyst ID.....: 400149	
		Instrument ID..: TRACEICP		MS Run #.....: 8206196	MDL.....: 0.035	
Calcium	11500	571	mg/kg	SW846 6010B	07/24-07/27/08	KRK1G1AK
		Dilution Factor: 1		Analysis Time..: 22:12	Analyst ID.....: 400149	
		Instrument ID..: TRACEICP		MS Run #.....: 8206196	MDL.....: 28.7	
Cadmium	ND	0.57	mg/kg	SW846 6010B	07/24-07/27/08	KRK1G1AL
		Dilution Factor: 1		Analysis Time..: 22:12	Analyst ID.....: 400149	
		Instrument ID..: TRACEICP		MS Run #.....: 8206196	MDL.....: 0.054	
Cobalt	~~3.7 B~~ 3.7U	5.7	mg/kg	SW846 6010B	07/24-07/27/08	KRK1G1AM
		Dilution Factor: 1		Analysis Time..: 22:12	Analyst ID.....: 400149	
		Instrument ID..: TRACEICP		MS Run #.....: 8206196	MDL.....: 0.049	
Chromium	6.2	0.57	mg/kg	SW846 6010B	07/24-07/27/08	KRK1G1AN
		Dilution Factor: 1		Analysis Time..: 22:12	Analyst ID.....: 400149	
		Instrument ID..: TRACEICP		MS Run #.....: 8206196	MDL.....: 0.093	

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ENSR International

Client Sample ID: TP10(29)E(8-8.5)

TOTAL Metals

Lot-Sample #...: C8G160152-001 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Copper	29.1	2.9	mg/kg	SW846 6010B	07/24-07/27/08	KRK1G1AP
		Dilution Factor: 1		Analysis Time..: 22:12	Analyst ID.....: 400149	
		Instrument ID..: TRACEICP		MS Run #.....: 8206196	MDL.....: 0.16	
Iron	10700	11.4	mg/kg	SW846 6010B	07/24-07/27/08	KRK1G1AQ
		Dilution Factor: 1		Analysis Time..: 22:12	Analyst ID.....: 400149	
		Instrument ID..: TRACEICP		MS Run #.....: 8206196	MDL.....: 3.4	
Potassium	550 B J	571	mg/kg	SW846 6010B	07/24-07/27/08	KRK1G1AR
		Dilution Factor: 1		Analysis Time..: 22:12	Analyst ID.....: 400149	
		Instrument ID..: TRACEICP		MS Run #.....: 8206196	MDL.....: 57.1	
Magnesium	1590	571	mg/kg	SW846 6010B	07/24-07/27/08	KRK1G1AT
		Dilution Factor: 1		Analysis Time..: 22:12	Analyst ID.....: 400149	
		Instrument ID..: TRACEICP		MS Run #.....: 8206196	MDL.....: 1.5	
Manganese	167	1.7	mg/kg	SW846 6010B	07/24-07/27/08	KRK1G1AU
		Dilution Factor: 1		Analysis Time..: 22:12	Analyst ID.....: 400149	
		Instrument ID..: TRACEICP		MS Run #.....: 8206196	MDL.....: 0.031	
Sodium	173 B J	571	mg/kg	SW846 6010B	07/24-07/27/08	KRK1G1AV
		Dilution Factor: 1		Analysis Time..: 22:12	Analyst ID.....: 400149	
		Instrument ID..: TRACEICP		MS Run #.....: 8206196	MDL.....: 15.9	
Nickel	8.6	4.6	mg/kg	SW846 6010B	07/24-07/27/08	KRK1G1AW
		Dilution Factor: 1		Analysis Time..: 22:12	Analyst ID.....: 400149	
		Instrument ID..: TRACEICP		MS Run #.....: 8206196	MDL.....: 0.12	
Lead	67.2	0.34	mg/kg	SW846 6010B	07/24-07/27/08	KRK1G1AX
		Dilution Factor: 1		Analysis Time..: 22:12	Analyst ID.....: 400149	
		Instrument ID..: TRACEICP		MS Run #.....: 8206196	MDL.....: 0.18	
Selenium	ND	0.57	mg/kg	SW846 6010B	07/24-07/27/08	KRK1G1A0
		Dilution Factor: 1		Analysis Time..: 22:12	Analyst ID.....: 400149	
		Instrument ID..: TRACEICP		MS Run #.....: 8206196	MDL.....: 0.33	
Thallium	~~1.0 B~~ 1.1U	1.1	mg/kg	SW846 6010B	07/24-07/27/08	KRK1G1A1
		Dilution Factor: 1		Analysis Time..: 22:12	Analyst ID.....: 400149	
		Instrument ID..: TRACEICP		MS Run #.....: 8206196	MDL.....: 0.37	

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ENSR International

Client Sample ID: TP10(29)E(8-8.5)

TOTAL Metals

Lot-Sample #...: C8G160152-001 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	~~0.37 B~~ 1.0 U	1.1	mg/kg	SW846 6010B	07/24-07/27/08	KRK1G1A2
		Dilution Factor: 1		Analysis Time..: 22:12	Analyst ID.....: 400149	
		Instrument ID..: TRACEICP		MS Run #.....: 8206196	MDL.....: 0.10	
Vanadium	11.0	5.7	mg/kg	SW846 6010B	07/24-07/27/08	KRK1G1A3
		Dilution Factor: 1		Analysis Time..: 22:12	Analyst ID.....: 400149	
		Instrument ID..: TRACEICP		MS Run #.....: 8206196	MDL.....: 0.29	
Zinc	75.7 J	2.3	mg/kg	SW846 6010B	07/24-07/27/08	KRK1G1A4
		Dilution Factor: 1		Analysis Time..: 22:12	Analyst ID.....: 400149	
		Instrument ID..: TRACEICP		MS Run #.....: 8206196	MDL.....: 0.40	
Prep Batch #...: 8207028						
Mercury	0.51	0.038	mg/kg	SW846 7471A	07/25/08	KRK1G1A5
		Dilution Factor: 1		Analysis Time..: 09:30	Analyst ID.....: 031043	
		Instrument ID..: HGHYDRA		MS Run #.....: 8207021	MDL.....: 0.0081	

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.

ENSR International

Client Sample ID: TP10(31)E(8-8.5)

TOTAL Metals

Lot-Sample #...: C8G160152-002 Matrix.....: SO
Date Sampled...: 07/14/08 Date Received..: 07/16/08
% Moisture.....: 15

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8206318						
Silver	~~0.13 B,J~~ 0.59 U	0.59	mg/kg	SW846 6010B	07/24-07/27/08	KRK2P1AL
		Dilution Factor: 1		Analysis Time..: 22:18	Analyst ID.....: 400149	
		Instrument ID..: TRACEICP		MS Run #.....: 8206196	MDL.....: 0.044	
Aluminum	3720 ~~J~~	23.5	mg/kg	SW846 6010B	07/24-07/27/08	KRK2P1AM
		Dilution Factor: 1		Analysis Time..: 22:18	Analyst ID.....: 400149	
		Instrument ID..: TRACEICP		MS Run #.....: 8206196	MDL.....: 1.7	
Arsenic	4.5	1.2	mg/kg	SW846 6010B	07/24-07/27/08	KRK2P1AN
		Dilution Factor: 1		Analysis Time..: 22:18	Analyst ID.....: 400149	
		Instrument ID..: TRACEICP		MS Run #.....: 8206196	MDL.....: 0.27	
Barium	40.8	23.5	mg/kg	SW846 6010B	07/24-07/27/08	KRK2P1AP
		Dilution Factor: 1		Analysis Time..: 22:18	Analyst ID.....: 400149	
		Instrument ID..: TRACEICP		MS Run #.....: 8206196	MDL.....: 0.043	
Beryllium	~~0.41 B~~ 0.47 U	0.47	mg/kg	SW846 6010B	07/24-07/27/08	KRK2P1AQ
		Dilution Factor: 1		Analysis Time..: 22:18	Analyst ID.....: 400149	
		Instrument ID..: TRACEICP		MS Run #.....: 8206196	MDL.....: 0.036	
Calcium	28400	588	mg/kg	SW846 6010B	07/24-07/27/08	KRK2P1AR
		Dilution Factor: 1		Analysis Time..: 22:18	Analyst ID.....: 400149	
		Instrument ID..: TRACEICP		MS Run #.....: 8206196	MDL.....: 29.6	
Cadmium	0.16 ~~B~~ J	0.59	mg/kg	SW846 6010B	07/24-07/27/08	KRK2P1AT
		Dilution Factor: 1		Analysis Time..: 22:18	Analyst ID.....: 400149	
		Instrument ID..: TRACEICP		MS Run #.....: 8206196	MDL.....: 0.055	
Cobalt	~~4.8 B~~ 5.9 U	5.9	mg/kg	SW846 6010B	07/24-07/27/08	KRK2P1AU
		Dilution Factor: 1		Analysis Time..: 22:18	Analyst ID.....: 400149	
		Instrument ID..: TRACEICP		MS Run #.....: 8206196	MDL.....: 0.051	
Chromium	5.9	0.59	mg/kg	SW846 6010B	07/24-07/27/08	KRK2P1AV
		Dilution Factor: 1		Analysis Time..: 22:18	Analyst ID.....: 400149	
		Instrument ID..: TRACEICP		MS Run #.....: 8206196	MDL.....: 0.096	

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ENSR International

Client Sample ID: TP10(31)E(8-8.5)

TOTAL Metals

Lot-Sample #...: C8G160152-002 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Copper	31.8	2.9	mg/kg	SW846 6010B	07/24-07/27/08	KRK2P1AW
		Dilution Factor: 1		Analysis Time..: 22:18	Analyst ID.....: 400149	
		Instrument ID..: TRACEICP		MS Run #.....: 8206196	MDL.....: 0.16	
Iron	11100	11.8	mg/kg	SW846 6010B	07/24-07/27/08	KRK2P1AX
		Dilution Factor: 1		Analysis Time..: 22:18	Analyst ID.....: 400149	
		Instrument ID..: TRACEICP		MS Run #.....: 8206196	MDL.....: 3.5	
Potassium	625	588	mg/kg	SW846 6010B	07/24-07/27/08	KRK2P1A0
		Dilution Factor: 1		Analysis Time..: 22:18	Analyst ID.....: 400149	
		Instrument ID..: TRACEICP		MS Run #.....: 8206196	MDL.....: 58.8	
Magnesium	1590	588	mg/kg	SW846 6010B	07/24-07/27/08	KRK2P1A1
		Dilution Factor: 1		Analysis Time..: 22:18	Analyst ID.....: 400149	
		Instrument ID..: TRACEICP		MS Run #.....: 8206196	MDL.....: 1.5	
Manganese	181	1.8	mg/kg	SW846 6010B	07/24-07/27/08	KRK2P1A2
		Dilution Factor: 1		Analysis Time..: 22:18	Analyst ID.....: 400149	
		Instrument ID..: TRACEICP		MS Run #.....: 8206196	MDL.....: 0.032	
Sodium	264 ~~B~~ J	588	mg/kg	SW846 6010B	07/24-07/27/08	KRK2P1A3
		Dilution Factor: 1		Analysis Time..: 22:18	Analyst ID.....: 400149	
		Instrument ID..: TRACEICP		MS Run #.....: 8206196	MDL.....: 16.4	
Nickel	10.5	4.7	mg/kg	SW846 6010B	07/24-07/27/08	KRK2P1A4
		Dilution Factor: 1		Analysis Time..: 22:18	Analyst ID.....: 400149	
		Instrument ID..: TRACEICP		MS Run #.....: 8206196	MDL.....: 0.12	
Lead	77.3	0.35	mg/kg	SW846 6010B	07/24-07/27/08	KRK2P1A5
		Dilution Factor: 1		Analysis Time..: 22:18	Analyst ID.....: 400149	
		Instrument ID..: TRACEICP		MS Run #.....: 8206196	MDL.....: 0.19	
Selenium	ND	0.59	mg/kg	SW846 6010B	07/24-07/27/08	KRK2P1AA
		Dilution Factor: 1		Analysis Time..: 22:18	Analyst ID.....: 400149	
		Instrument ID..: TRACEICP		MS Run #.....: 8206196	MDL.....: 0.34	
Thallium	~~0.60 B~~ 1.2 U	1.2	mg/kg	SW846 6010B	07/24-07/27/08	KRK2P1AC
		Dilution Factor: 1		Analysis Time..: 22:18	Analyst ID.....: 400149	
		Instrument ID..: TRACEICP		MS Run #.....: 8206196	MDL.....: 0.38	

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ENSR International

Client Sample ID: TP10(31)E(8-8.5)

TOTAL Metals

Lot-Sample #...: C8G160152-002 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	~~0.54 B~~ 1.2U	1.2	mg/kg	SW846 6010B	07/24-07/27/08	KRK2P1AD
		Dilution Factor: 1		Analysis Time..: 22:18	Analyst ID.....: 400149	
		Instrument ID..: TRACEICP		MS Run #.....: 8206196	MDL.....: 0.11	
Vanadium	10.7	5.9	mg/kg	SW846 6010B	07/24-07/27/08	KRK2P1AE
		Dilution Factor: 1		Analysis Time..: 22:18	Analyst ID.....: 400149	
		Instrument ID..: TRACEICP		MS Run #.....: 8206196	MDL.....: 0.30	
Zinc	98.5 J	2.4	mg/kg	SW846 6010B	07/24-07/27/08	KRK2P1AF
		Dilution Factor: 1		Analysis Time..: 22:18	Analyst ID.....: 400149	
		Instrument ID..: TRACEICP		MS Run #.....: 8206196	MDL.....: 0.41	
Prep Batch #...: 8207028						
Mercury	0.39	0.039	mg/kg	SW846 7471A	07/25/08	KRK2P1AG
		Dilution Factor: 1		Analysis Time..: 09:32	Analyst ID.....: 031043	
		Instrument ID..: HGHYDRA		MS Run #.....: 8207021	MDL.....: 0.0084	

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.

ENSR International

Client Sample ID: TP11(50)E(8-8.5)

TOTAL Metals

Lot-Sample #...: C8G160152-003 Matrix.....: SO
Date Sampled...: 07/14/08 Date Received..: 07/16/08
% Moisture.....: 20

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8206318						
Silver	ND	0.63	mg/kg	SW846 6010B	07/24-07/27/08	KRK2Q1AE
		Dilution Factor: 1		Analysis Time..: 22:23	Analyst ID.....: 400149	
		Instrument ID..: TRACEICP		MS Run #.....: 8206196	MDL.....: 0.046	
Aluminum	**4980 J**	**25.0**	**mg/kg**	**SW846 6010B**	**07/24-07/27/08**	**KRK2Q1AF**
		Dilution Factor: 1		Analysis Time..: 22:23	Analyst ID.....: 400149	
		Instrument ID..: TRACEICP		MS Run #.....: 8206196	MDL.....: 1.8	
Arsenic	**2.0**	**1.3**	**mg/kg**	**SW846 6010B**	**07/24-07/27/08**	**KRK2Q1AG**
		Dilution Factor: 1		Analysis Time..: 22:23	Analyst ID.....: 400149	
		Instrument ID..: TRACEICP		MS Run #.....: 8206196	MDL.....: 0.29	
Barium	**24.2 B J**	**25.0**	**mg/kg**	**SW846 6010B**	**07/24-07/27/08**	**KRK2Q1AH**
		Dilution Factor: 1		Analysis Time..: 22:23	Analyst ID.....: 400149	
		Instrument ID..: TRACEICP		MS Run #.....: 8206196	MDL.....: 0.046	
Beryllium	~~0.37 B~~ 0.50 U	**0.50**	**mg/kg**	**SW846 6010B**	**07/24-07/27/08**	**KRK2Q1AJ**
		Dilution Factor: 1		Analysis Time..: 22:23	Analyst ID.....: 400149	
		Instrument ID..: TRACEICP		MS Run #.....: 8206196	MDL.....: 0.039	
Calcium	**1490**	**625**	**mg/kg**	**SW846 6010B**	**07/24-07/27/08**	**KRK2Q1AK**
		Dilution Factor: 1		Analysis Time..: 22:23	Analyst ID.....: 400149	
		Instrument ID..: TRACEICP		MS Run #.....: 8206196	MDL.....: 31.4	
Cadmium	ND	0.63	mg/kg	SW846 6010B	07/24-07/27/08	KRK2Q1AL
		Dilution Factor: 1		Analysis Time..: 22:23	Analyst ID.....: 400149	
		Instrument ID..: TRACEICP		MS Run #.....: 8206196	MDL.....: 0.059	
Cobalt	~~2.9 B~~ 6.3 U	**6.3**	**mg/kg**	**SW846 6010B**	**07/24-07/27/08**	**KRK2Q1AM**
		Dilution Factor: 1		Analysis Time..: 22:23	Analyst ID.....: 400149	
		Instrument ID..: TRACEICP		MS Run #.....: 8206196	MDL.....: 0.054	
Chromium	**6.4**	**0.63**	**mg/kg**	**SW846 6010B**	**07/24-07/27/08**	**KRK2Q1AN**
		Dilution Factor: 1		Analysis Time..: 22:23	Analyst ID.....: 400149	
		Instrument ID..: TRACEICP		MS Run #.....: 8206196	MDL.....: 0.10	

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ENSR International

Client Sample ID: TP11(50)E(8-8.5)

TOTAL Metals

Lot-Sample #...: C8G160152-003 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Copper	7.9	3.1	mg/kg	SW846 6010B	07/24-07/27/08	KRK2Q1AP
		Dilution Factor: 1		Analysis Time..: 22:23	Analyst ID.....: 400149	
		Instrument ID..: TRACEICP		MS Run #.....: 8206196	MDL.....: 0.17	
Iron	12900	12.5	mg/kg	SW846 6010B	07/24-07/27/08	KRK2Q1AQ
		Dilution Factor: 1		Analysis Time..: 22:23	Analyst ID.....: 400149	
		Instrument ID..: TRACEICP		MS Run #.....: 8206196	MDL.....: 3.8	
Potassium	355 B J	625	mg/kg	SW846 6010B	07/24-07/27/08	KRK2Q1AR
		Dilution Factor: 1		Analysis Time..: 22:23	Analyst ID.....: 400149	
		Instrument ID..: TRACEICP		MS Run #.....: 8206196	MDL.....: 62.5	
Magnesium	999	625	mg/kg	SW846 6010B	07/24-07/27/08	KRK2Q1AT
		Dilution Factor: 1		Analysis Time..: 22:23	Analyst ID.....: 400149	
		Instrument ID..: TRACEICP		MS Run #.....: 8206196	MDL.....: 1.6	
Manganese	90.5	1.9	mg/kg	SW846 6010B	07/24-07/27/08	KRK2Q1AU
		Dilution Factor: 1		Analysis Time..: 22:23	Analyst ID.....: 400149	
		Instrument ID..: TRACEICP		MS Run #.....: 8206196	MDL.....: 0.034	
Sodium	354 B J	625	mg/kg	SW846 6010B	07/24-07/27/08	KRK2Q1AV
		Dilution Factor: 1		Analysis Time..: 22:23	Analyst ID.....: 400149	
		Instrument ID..: TRACEICP		MS Run #.....: 8206196	MDL.....: 17.4	
Nickel	6.2	5.0	mg/kg	SW846 6010B	07/24-07/27/08	KRK2Q1AW
		Dilution Factor: 1		Analysis Time..: 22:23	Analyst ID.....: 400149	
		Instrument ID..: TRACEICP		MS Run #.....: 8206196	MDL.....: 0.13	
Lead	51.9	0.38	mg/kg	SW846 6010B	07/24-07/27/08	KRK2Q1AX
		Dilution Factor: 1		Analysis Time..: 22:23	Analyst ID.....: 400149	
		Instrument ID..: TRACEICP		MS Run #.....: 8206196	MDL.....: 0.20	
Selenium	0.52 B J	0.63	mg/kg	SW846 6010B	07/24-07/27/08	KRK2Q1A0
		Dilution Factor: 1		Analysis Time..: 22:23	Analyst ID.....: 400149	
		Instrument ID..: TRACEICP		MS Run #.....: 8206196	MDL.....: 0.36	
Thallium	~~0.90 B~~ 1.3 U	1.3	mg/kg	SW846 6010B	07/24-07/27/08	KRK2Q1A1
		Dilution Factor: 1		Analysis Time..: 22:23	Analyst ID.....: 400149	
		Instrument ID..: TRACEICP		MS Run #.....: 8206196	MDL.....: 0.40	

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ENSR International

Client Sample ID: TP11(50)E(8-8.5)

TOTAL Metals

Lot-Sample #...: C8G160152-003 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	ND	1.3	mg/kg	SW846 6010B	07/24-07/27/08	KRK2Q1A2
		Dilution Factor: 1		Analysis Time..: 22:23	Analyst ID.....: 400149	
		Instrument ID..: TRACEICP		MS Run #.....: 8206196	MDL.....: 0.11	
Vanadium	**16.3**	**6.3**	**mg/kg**	**SW846 6010B**	**07/24-07/27/08**	**KRK2Q1A3**
		Dilution Factor: 1		Analysis Time..: 22:23	Analyst ID.....: 400149	
		Instrument ID..: TRACEICP		MS Run #.....: 8206196	MDL.....: 0.32	
Zinc	**34.9 J**	**2.5**	**mg/kg**	**SW846 6010B**	**07/24-07/27/08**	**KRK2Q1A4**
		Dilution Factor: 1		Analysis Time..: 22:23	Analyst ID.....: 400149	
		Instrument ID..: TRACEICP		MS Run #.....: 8206196	MDL.....: 0.43	
Prep Batch #...: 8207028						
Mercury	**0.097**	**0.041**	**mg/kg**	**SW846 7471A**	**07/25/08**	**KRK2Q1A5**
		Dilution Factor: 1		Analysis Time..: 09:34	Analyst ID.....: 031043	
		Instrument ID..: HGHYDRA		MS Run #.....: 8207021	MDL.....: 0.0089	

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.

ENSR International

Client Sample ID: TP12(5)W(8-8.5)

TOTAL Metals

Lot-Sample #...: C8G160152-004 Matrix.....: SO
Date Sampled...: 07/15/08 Date Received..: 07/16/08
% Moisture.....: 24

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8206318						
Silver	~~0.10 B,J~~ 0.66 U	0.66	mg/kg	SW846 6010B	07/24-07/27/08	KRK2R1CA
		Dilution Factor: 1		Analysis Time..: 22:29	Analyst ID.....: 400149	
		Instrument ID..: TRACEICP		MS Run #.....: 8206196	MDL.....: 0.049	
Aluminum	4450 J	26.5	mg/kg	SW846 6010B	07/24-07/27/08	KRK2R1CE
		Dilution Factor: 1		Analysis Time..: 22:29	Analyst ID.....: 400149	
		Instrument ID..: TRACEICP		MS Run #.....: 8206196	MDL.....: 1.9	
Arsenic	4.0	1.3	mg/kg	SW846 6010B	07/24-07/27/08	KRK2R1CH
		Dilution Factor: 1		Analysis Time..: 22:29	Analyst ID.....: 400149	
		Instrument ID..: TRACEICP		MS Run #.....: 8206196	MDL.....: 0.30	
Barium	38.6	26.5	mg/kg	SW846 6010B	07/24-07/27/08	KRK2R1CL
		Dilution Factor: 1		Analysis Time..: 22:29	Analyst ID.....: 400149	
		Instrument ID..: TRACEICP		MS Run #.....: 8206196	MDL.....: 0.048	
Beryllium	~~0.47 B~~ 0.53 U	0.53	mg/kg	SW846 6010B	07/24-07/27/08	KRK2R1CP
		Dilution Factor: 1		Analysis Time..: 22:29	Analyst ID.....: 400149	
		Instrument ID..: TRACEICP		MS Run #.....: 8206196	MDL.....: 0.041	
Calcium	63000	662	mg/kg	SW846 6010B	07/24-07/27/08	KRK2R1CT
		Dilution Factor: 1		Analysis Time..: 22:29	Analyst ID.....: 400149	
		Instrument ID..: TRACEICP		MS Run #.....: 8206196	MDL.....: 33.3	
Cadmium	ND	0.66	mg/kg	SW846 6010B	07/24-07/27/08	KRK2R1CW
		Dilution Factor: 1		Analysis Time..: 22:29	Analyst ID.....: 400149	
		Instrument ID..: TRACEICP		MS Run #.....: 8206196	MDL.....: 0.062	
Cobalt	~~3.0 B~~ 6.6 U	6.6	mg/kg	SW846 6010B	07/24-07/27/08	KRK2R1C1
		Dilution Factor: 1		Analysis Time..: 22:29	Analyst ID.....: 400149	
		Instrument ID..: TRACEICP		MS Run #.....: 8206196	MDL.....: 0.057	
Chromium	6.0	0.66	mg/kg	SW846 6010B	07/24-07/27/08	KRK2R1C4
		Dilution Factor: 1		Analysis Time..: 22:29	Analyst ID.....: 400149	
		Instrument ID..: TRACEICP		MS Run #.....: 8206196	MDL.....: 0.11	

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ENSR International

Client Sample ID: TP12(5)W(8-8.5)

TOTAL Metals

Lot-Sample #...: C8G160152-004 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Copper	15.3	3.3	mg/kg	SW846 6010B	07/24-07/27/08	KRK2R1C7
		Dilution Factor: 1		Analysis Time..: 22:29	Analyst ID.....: 400149	
		Instrument ID..: TRACEICP		MS Run #.....: 8206196	MDL.....: 0.19	
Iron	10200	13.2	mg/kg	SW846 6010B	07/24-07/27/08	KRK2R1DA
		Dilution Factor: 1		Analysis Time..: 22:29	Analyst ID.....: 400149	
		Instrument ID..: TRACEICP		MS Run #.....: 8206196	MDL.....: 4.0	
Potassium	566 B J	662	mg/kg	SW846 6010B	07/24-07/27/08	KRK2R1DE
		Dilution Factor: 1		Analysis Time..: 22:29	Analyst ID.....: 400149	
		Instrument ID..: TRACEICP		MS Run #.....: 8206196	MDL.....: 66.2	
Magnesium	2020	662	mg/kg	SW846 6010B	07/24-07/27/08	KRK2R1DH
		Dilution Factor: 1		Analysis Time..: 22:29	Analyst ID.....: 400149	
		Instrument ID..: TRACEICP		MS Run #.....: 8206196	MDL.....: 1.7	
Manganese	167	2.0	mg/kg	SW846 6010B	07/24-07/27/08	KRK2R1DL
		Dilution Factor: 1		Analysis Time..: 22:29	Analyst ID.....: 400149	
		Instrument ID..: TRACEICP		MS Run #.....: 8206196	MDL.....: 0.035	
Sodium	618 B J	662	mg/kg	SW846 6010B	07/24-07/27/08	KRK2R1DP
		Dilution Factor: 1		Analysis Time..: 22:29	Analyst ID.....: 400149	
		Instrument ID..: TRACEICP		MS Run #.....: 8206196	MDL.....: 18.5	
Nickel	7.2	5.3	mg/kg	SW846 6010B	07/24-07/27/08	KRK2R1DT
		Dilution Factor: 1		Analysis Time..: 22:29	Analyst ID.....: 400149	
		Instrument ID..: TRACEICP		MS Run #.....: 8206196	MDL.....: 0.14	
Lead	54.2	0.40	mg/kg	SW846 6010B	07/24-07/27/08	KRK2R1DW
		Dilution Factor: 1		Analysis Time..: 22:29	Analyst ID.....: 400149	
		Instrument ID..: TRACEICP		MS Run #.....: 8206196	MDL.....: 0.21	
Selenium	ND	0.66	mg/kg	SW846 6010B	07/24-07/27/08	KRK2R1AA
		Dilution Factor: 1		Analysis Time..: 22:29	Analyst ID.....: 400149	
		Instrument ID..: TRACEICP		MS Run #.....: 8206196	MDL.....: 0.38	
Thallium	ND	1.3	mg/kg	SW846 6010B	07/24-07/27/08	KRK2R1AE
		Dilution Factor: 1		Analysis Time..: 22:29	Analyst ID.....: 400149	
		Instrument ID..: TRACEICP		MS Run #.....: 8206196	MDL.....: 0.42	

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ENSR International

Client Sample ID: TP12(5)W(8-8.5)

TOTAL Metals

Lot-Sample #...: C8G160152-004 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	~~0.15 B~~ 1.3 U	1.3	mg/kg	SW846 6010B	07/24-07/27/08	KRK2R1AH
		Dilution Factor: 1		Analysis Time..: 22:29	Analyst ID.....: 400149	
		Instrument ID..: TRACEICP		MS Run #.....: 8206196	MDL.....: 0.12	
Vanadium	15.1	6.6	mg/kg	SW846 6010B	07/24-07/27/08	KRK2R1AL
		Dilution Factor: 1		Analysis Time..: 22:29	Analyst ID.....: 400149	
		Instrument ID..: TRACEICP		MS Run #.....: 8206196	MDL.....: 0.34	
Zinc	25.2 J	2.6	mg/kg	SW846 6010B	07/24-07/27/08	KRK2R1AP
		Dilution Factor: 1		Analysis Time..: 22:29	Analyst ID.....: 400149	
		Instrument ID..: TRACEICP		MS Run #.....: 8206196	MDL.....: 0.46	
Prep Batch #...: 8207028						
Mercury	0.28	0.044	mg/kg	SW846 7471A	07/25/08	KRK2R1AT
		Dilution Factor: 1		Analysis Time..: 09:35	Analyst ID.....: 031043	
		Instrument ID..: HGHYDRA		MS Run #.....: 8207021	MDL.....: 0.0094	

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.

ENSR International

Client Sample ID: TP12(17)W(10.5-11)

TOTAL Metals

Lot-Sample #...: C8G160152-005 Matrix.....: SO
Date Sampled...: 07/15/08 Date Received..: 07/16/08
% Moisture.....: 20

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8206318						
Silver	~~0.36 B,J~~ 0.62 U	0.62	mg/kg	SW846 6010B	07/24-07/27/08	KRK2T1AM
		Dilution Factor: 1		Analysis Time..: 22:51	Analyst ID.....: 400149	
		Instrument ID..: TRACEICP		MS Run #.....: 8206196	MDL.....: 0.046	
Aluminum	4000 J	24.9	mg/kg	SW846 6010B	07/24-07/27/08	KRK2T1AN
		Dilution Factor: 1		Analysis Time..: 22:51	Analyst ID.....: 400149	
		Instrument ID..: TRACEICP		MS Run #.....: 8206196	MDL.....: 1.8	
Arsenic	4.2	1.2	mg/kg	SW846 6010B	07/24-07/27/08	KRK2T1AP
		Dilution Factor: 1		Analysis Time..: 22:51	Analyst ID.....: 400149	
		Instrument ID..: TRACEICP		MS Run #.....: 8206196	MDL.....: 0.28	
Barium	82.3	24.9	mg/kg	SW846 6010B	07/24-07/27/08	KRK2T1AQ
		Dilution Factor: 1		Analysis Time..: 22:51	Analyst ID.....: 400149	
		Instrument ID..: TRACEICP		MS Run #.....: 8206196	MDL.....: 0.045	
Beryllium	~~0.31 B~~ 0.50 U	0.50	mg/kg	SW846 6010B	07/24-07/27/08	KRK2T1AR
		Dilution Factor: 1		Analysis Time..: 22:51	Analyst ID.....: 400149	
		Instrument ID..: TRACEICP		MS Run #.....: 8206196	MDL.....: 0.038	
Calcium	10500	621	mg/kg	SW846 6010B	07/24-07/27/08	KRK2T1AT
		Dilution Factor: 1		Analysis Time..: 22:51	Analyst ID.....: 400149	
		Instrument ID..: TRACEICP		MS Run #.....: 8206196	MDL.....: 31.2	
Cadmium	0.083 ~~B~~ J	0.62	mg/kg	SW846 6010B	07/24-07/27/08	KRK2T1AU
		Dilution Factor: 1		Analysis Time..: 22:51	Analyst ID.....: 400149	
		Instrument ID..: TRACEICP		MS Run #.....: 8206196	MDL.....: 0.058	
Cobalt	~~3.1 B~~ 6.2 U	6.2	mg/kg	SW846 6010B	07/24-07/27/08	KRK2T1AV
		Dilution Factor: 1		Analysis Time..: 22:51	Analyst ID.....: 400149	
		Instrument ID..: TRACEICP		MS Run #.....: 8206196	MDL.....: 0.053	
Chromium	7.3	0.62	mg/kg	SW846 6010B	07/24-07/27/08	KRK2T1AW
		Dilution Factor: 1		Analysis Time..: 22:51	Analyst ID.....: 400149	
		Instrument ID..: TRACEICP		MS Run #.....: 8206196	MDL.....: 0.10	

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ENSR International

Client Sample ID: TP12(17)W(10.5-11)

TOTAL Metals

Lot-Sample #...: C8G160152-005 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Copper	42.2	3.1	mg/kg	SW846 6010B	07/24-07/27/08	KRK2T1AX
		Dilution Factor: 1		Analysis Time..: 22:51	Analyst ID.....: 400149	
		Instrument ID..: TRACEICP		MS Run #.....: 8206196	MDL.....: 0.17	
Iron	9730	12.4	mg/kg	SW846 6010B	07/24-07/27/08	KRK2T1A0
		Dilution Factor: 1		Analysis Time..: 22:51	Analyst ID.....: 400149	
		Instrument ID..: TRACEICP		MS Run #.....: 8206196	MDL.....: 3.7	
Potassium	549 ~~B~~ J	621	mg/kg	SW846 6010B	07/24-07/27/08	KRK2T1A1
		Dilution Factor: 1		Analysis Time..: 22:51	Analyst ID.....: 400149	
		Instrument ID..: TRACEICP		MS Run #.....: 8206196	MDL.....: 62.1	
Magnesium	1540	621	mg/kg	SW846 6010B	07/24-07/27/08	KRK2T1A2
		Dilution Factor: 1		Analysis Time..: 22:51	Analyst ID.....: 400149	
		Instrument ID..: TRACEICP		MS Run #.....: 8206196	MDL.....: 1.6	
Manganese	101	1.9	mg/kg	SW846 6010B	07/24-07/27/08	KRK2T1A3
		Dilution Factor: 1		Analysis Time..: 22:51	Analyst ID.....: 400149	
		Instrument ID..: TRACEICP		MS Run #.....: 8206196	MDL.....: 0.033	
Sodium	390 ~~B~~ J	621	mg/kg	SW846 6010B	07/24-07/27/08	KRK2T1A4
		Dilution Factor: 1		Analysis Time..: 22:51	Analyst ID.....: 400149	
		Instrument ID..: TRACEICP		MS Run #.....: 8206196	MDL.....: 17.3	
Nickel	6.9	5.0	mg/kg	SW846 6010B	07/24-07/27/08	KRK2T1A5
		Dilution Factor: 1		Analysis Time..: 22:51	Analyst ID.....: 400149	
		Instrument ID..: TRACEICP		MS Run #.....: 8206196	MDL.....: 0.13	
Lead	379	0.37	mg/kg	SW846 6010B	07/24-07/27/08	KRK2T1A6
		Dilution Factor: 1		Analysis Time..: 22:51	Analyst ID.....: 400149	
		Instrument ID..: TRACEICP		MS Run #.....: 8206196	MDL.....: 0.20	
Selenium	1.1	0.62	mg/kg	SW846 6010B	07/24-07/27/08	KRK2T1AA
		Dilution Factor: 1		Analysis Time..: 22:51	Analyst ID.....: 400149	
		Instrument ID..: TRACEICP		MS Run #.....: 8206196	MDL.....: 0.36	
Thallium	1.4 U	1.2	mg/kg	SW846 6010B	07/24-07/27/08	KRK2T1AC
		Dilution Factor: 1		Analysis Time..: 22:51	Analyst ID.....: 400149	
		Instrument ID..: TRACEICP		MS Run #.....: 8206196	MDL.....: 0.40	

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ENSR International

Client Sample ID: TP12(17)W(10.5-11)

TOTAL Metals

Lot-Sample #...: C8G160152-005 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	~~0.38 B~~ 1.2U	1.2	mg/kg	SW846 6010B	07/24-07/27/08	KRK2T1AD
		Dilution Factor: 1		Analysis Time..: 22:51	Analyst ID.....: 400149	
		Instrument ID..: TRACEICP		MS Run #.....: 8206196	MDL.....: 0.11	
Vanadium	10.8	6.2	mg/kg	SW846 6010B	07/24-07/27/08	KRK2T1AE
		Dilution Factor: 1		Analysis Time..: 22:51	Analyst ID.....: 400149	
		Instrument ID..: TRACEICP		MS Run #.....: 8206196	MDL.....: 0.32	
Zinc	167 J	2.5	mg/kg	SW846 6010B	07/24-07/27/08	KRK2T1AF
		Dilution Factor: 1		Analysis Time..: 22:51	Analyst ID.....: 400149	
		Instrument ID..: TRACEICP		MS Run #.....: 8206196	MDL.....: 0.43	
Prep Batch #...: 8207028						
Mercury	1.7	0.041	mg/kg	SW846 7471A	07/25/08	KRK2T1AG
		Dilution Factor: 1		Analysis Time..: 09:41	Analyst ID.....: 031043	
		Instrument ID..: HGHYDRA		MS Run #.....: 8207021	MDL.....: 0.0088	

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.

ENSR International

Client Sample ID: SB50(14.5-15)

TOTAL Metals

Lot-Sample #...: C8G220214-001 Matrix.....: SO
Date Sampled...: 07/17/08 Date Received..: 07/22/08
% Moisture.....: 21

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8213170						
Silver	0.90	0.63	mg/kg	SW846 6010B	07/31-08/11/08	KR0E21AE
		Dilution Factor: 1		Analysis Time..: 21:09	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8213086	MDL.....: 0.047	
Aluminum	3700	25.3	mg/kg	SW846 6010B	07/31-08/11/08	KR0E21AF
		Dilution Factor: 1		Analysis Time..: 21:09	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8213086	MDL.....: 1.8	
Arsenic	5.2	1.3	mg/kg	SW846 6010B	07/31-08/11/08	KR0E21AG
		Dilution Factor: 1		Analysis Time..: 21:09	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8213086	MDL.....: 0.29	
Barium	68.6	25.3	mg/kg	SW846 6010B	07/31-08/11/08	KR0E21AH
		Dilution Factor: 1		Analysis Time..: 21:09	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8213086	MDL.....: 0.046	
Beryllium	0.24 B J	0.51	mg/kg	SW846 6010B	07/31-08/11/08	KR0E21AJ
		Dilution Factor: 1		Analysis Time..: 21:09	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8213086	MDL.....: 0.039	
Calcium	9910	632	mg/kg	SW846 6010B	07/31-08/11/08	KR0E21AK
		Dilution Factor: 1		Analysis Time..: 21:09	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8213086	MDL.....: 31.8	
Cadmium	0.19 B J	0.63	mg/kg	SW846 6010B	07/31-08/11/08	KR0E21AL
		Dilution Factor: 1		Analysis Time..: 21:09	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8213086	MDL.....: 0.059	
Cobalt	3.3 B J	6.3	mg/kg	SW846 6010B	07/31-08/11/08	KR0E21AM
		Dilution Factor: 1		Analysis Time..: 21:09	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8213086	MDL.....: 0.054	
Chromium	6.8	0.63	mg/kg	SW846 6010B	07/31-08/11/08	KR0E21AN
		Dilution Factor: 1		Analysis Time..: 21:09	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8213086	MDL.....: 0.10	

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ENSR International

Client Sample ID: SB50(14.5-15)

TOTAL Metals

Lot-Sample #...: C8G220214-001 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Copper	28.4	3.2	mg/kg	SW846 6010B	07/31-08/11/08	KR0E21AP
		Dilution Factor: 1		Analysis Time..: 21:09	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8213086	MDL.....: 0.18	
Iron	17200	12.6	mg/kg	SW846 6010B	07/31-08/11/08	KR0E21AQ
		Dilution Factor: 1		Analysis Time..: 21:09	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8213086	MDL.....: 3.8	
Potassium	499 B J	632	mg/kg	SW846 6010B	07/31-08/11/08	KR0E21AR
		Dilution Factor: 1		Analysis Time..: 21:09	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8213086	MDL.....: 63.2	
Magnesium	1400	632	mg/kg	SW846 6010B	07/31-08/11/08	KR0E21AT
		Dilution Factor: 1		Analysis Time..: 21:09	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8213086	MDL.....: 1.7	
Manganese	99.8	1.9	mg/kg	SW846 6010B	07/31-08/11/08	KR0E21AU
		Dilution Factor: 1		Analysis Time..: 21:09	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8213086	MDL.....: 0.034	
Sodium	759	632	mg/kg	SW846 6010B	07/31-08/11/08	KR0E21AV
		Dilution Factor: 1		Analysis Time..: 21:09	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8213086	MDL.....: 17.6	
Nickel	6.5	5.1	mg/kg	SW846 6010B	07/31-08/11/08	KR0E21AW
		Dilution Factor: 1		Analysis Time..: 21:09	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8213086	MDL.....: 0.13	
Lead	385	0.38	mg/kg	SW846 6010B	07/31-08/11/08	KR0E21AX
		Dilution Factor: 1		Analysis Time..: 21:09	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8213086	MDL.....: 0.20	
Selenium	0.83	0.63	mg/kg	SW846 6010B	07/31-08/11/08	KR0E21A0
		Dilution Factor: 1		Analysis Time..: 21:09	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8213086	MDL.....: 0.36	
Thallium	0.56 B J	1.3	mg/kg	SW846 6010B	07/31-08/11/08	KR0E21A1
		Dilution Factor: 1		Analysis Time..: 21:09	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8213086	MDL.....: 0.41	

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ENSR International

Client Sample ID: SB50(14.5-15)

TOTAL Metals

Lot-Sample #...: C8G220214-001 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	0.23 B J	1.3	mg/kg	SW846 6010B	07/31-08/11/08	KR0E21A2
		Dilution Factor: 1		Analysis Time..: 21:09	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8213086	MDL.....: 0.12	
Vanadium	10.0	6.3	mg/kg	SW846 6010B	07/31-08/11/08	KR0E21A3
		Dilution Factor: 1		Analysis Time..: 21:09	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8213086	MDL.....: 0.33	
Zinc	129 J	2.5	mg/kg	SW846 6010B	07/31-08/11/08	KR0E21A4
		Dilution Factor: 1		Analysis Time..: 21:09	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8213086	MDL.....: 0.44	
Prep Batch #...: 8217026						
Mercury	1.5	0.042	mg/kg	SW846 7471A	08/04/08	KR0E21A5
		Dilution Factor: 1		Analysis Time..: 09:54	Analyst ID.....: 031043	
		Instrument ID..: HGHYDRA		MS Run #.....: 8217018	MDL.....: 0.0090	

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.

ENSR International

Client Sample ID: SB50(22-24)

TOTAL Metals

Lot-Sample #...: C8G220214-002 Matrix.....: SO
Date Sampled...: 07/17/08 Date Received..: 07/22/08
% Moisture.....: 25

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8213170						
Silver	ND U J	0.66	mg/kg	SW846 6010B	07/31-08/11/08	KR0FC1AM
		Dilution Factor: 1		Analysis Time..: 21:14	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8213086	MDL.....: 0.049	
Aluminum	9720	26.6	mg/kg	SW846 6010B	07/31-08/11/08	KR0FC1AN
		Dilution Factor: 1		Analysis Time..: 21:14	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8213086	MDL.....: 1.9	
Arsenic	1.2 B J	1.3	mg/kg	SW846 6010B	07/31-08/11/08	KR0FC1AP
		Dilution Factor: 1		Analysis Time..: 21:14	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8213086	MDL.....: 0.30	
Barium	53.7	26.6	mg/kg	SW846 6010B	07/31-08/11/08	KR0FC1AQ
		Dilution Factor: 1		Analysis Time..: 21:14	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8213086	MDL.....: 0.048	
Beryllium	0.80	0.53	mg/kg	SW846 6010B	07/31-08/11/08	KR0FC1AR
		Dilution Factor: 1		Analysis Time..: 21:14	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8213086	MDL.....: 0.041	
Calcium	2280	664	mg/kg	SW846 6010B	07/31-08/11/08	KR0FC1AT
		Dilution Factor: 1		Analysis Time..: 21:14	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8213086	MDL.....: 33.4	
Cadmium	0.26 B J	0.66	mg/kg	SW846 6010B	07/31-08/11/08	KR0FC1AU
		Dilution Factor: 1		Analysis Time..: 21:14	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8213086	MDL.....: 0.062	
Cobalt	7.6	6.6	mg/kg	SW846 6010B	07/31-08/11/08	KR0FC1AV
		Dilution Factor: 1		Analysis Time..: 21:14	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8213086	MDL.....: 0.057	
Chromium	15.0	0.66	mg/kg	SW846 6010B	07/31-08/11/08	KR0FC1AW
		Dilution Factor: 1		Analysis Time..: 21:14	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8213086	MDL.....: 0.11	

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ENSR International

Client Sample ID: SB50(22-24)

TOTAL Metals

Lot-Sample #...: C8G220214-002 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Copper	17.4	3.3	mg/kg	SW846 6010B	07/31-08/11/08	KR0FC1AX
		Dilution Factor: 1		Analysis Time..: 21:14	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8213086	MDL.....: 0.19	
Iron	19900	13.3	mg/kg	SW846 6010B	07/31-08/11/08	KR0FC1A0
		Dilution Factor: 1		Analysis Time..: 21:14	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8213086	MDL.....: 4.0	
Potassium	1060	664	mg/kg	SW846 6010B	07/31-08/11/08	KR0FC1A1
		Dilution Factor: 1		Analysis Time..: 21:14	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8213086	MDL.....: 66.4	
Magnesium	3340	664	mg/kg	SW846 6010B	07/31-08/11/08	KR0FC1A2
		Dilution Factor: 1		Analysis Time..: 21:14	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8213086	MDL.....: 1.7	
Manganese	119	2.0	mg/kg	SW846 6010B	07/31-08/11/08	KR0FC1A3
		Dilution Factor: 1		Analysis Time..: 21:14	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8213086	MDL.....: 0.036	
Sodium	756	664	mg/kg	SW846 6010B	07/31-08/11/08	KR0FC1A4
		Dilution Factor: 1		Analysis Time..: 21:14	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8213086	MDL.....: 18.5	
Nickel	19.5	5.3	mg/kg	SW846 6010B	07/31-08/11/08	KR0FC1A5
		Dilution Factor: 1		Analysis Time..: 21:14	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8213086	MDL.....: 0.14	
Lead	10.3	0.40	mg/kg	SW846 6010B	07/31-08/11/08	KR0FC1A6
		Dilution Factor: 1		Analysis Time..: 21:14	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8213086	MDL.....: 0.21	
Selenium	0.62 B J	0.66	mg/kg	SW846 6010B	07/31-08/11/08	KR0FC1AA
		Dilution Factor: 1		Analysis Time..: 21:14	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8213086	MDL.....: 0.38	
Thallium	0.68 B J	1.3	mg/kg	SW846 6010B	07/31-08/11/08	KR0FC1AC
		Dilution Factor: 1		Analysis Time..: 21:14	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8213086	MDL.....: 0.43	

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ENSR International

Client Sample ID: SB50(22-24)

TOTAL Metals

Lot-Sample #...: C8G220214-002 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	ND	1.3	mg/kg	SW846 6010B	07/31-08/11/08	KR0FC1AD
		Dilution Factor: 1		Analysis Time..: 21:14	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8213086	MDL.....: 0.12	
Vanadium	**23.2**	**6.6**	**mg/kg**	**SW846 6010B**	**07/31-08/11/08**	**KR0FC1AE**
		Dilution Factor: 1		Analysis Time..: 21:14	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8213086	MDL.....: 0.34	
Zinc	**61.5 J**	**2.7**	**mg/kg**	**SW846 6010B**	**07/31-08/11/08**	**KR0FC1AF**
		Dilution Factor: 1		Analysis Time..: 21:14	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8213086	MDL.....: 0.46	
Prep Batch #...: 8217026						
Mercury	**0.013 B J**	**0.044**	**mg/kg**	**SW846 7471A**	**08/04/08**	**KR0FC1AG**
		Dilution Factor: 1		Analysis Time..: 09:58	Analyst ID.....: 031043	
		Instrument ID..: HGHYDRA		MS Run #.....: 8217018	MDL.....: 0.0094	

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.

ENSR International

Client Sample ID: SB50(24-26)

TOTAL Metals

Lot-Sample #...: C8G220214-003 Matrix.....: SO
Date Sampled...: 07/17/08 Date Received..: 07/22/08
% Moisture.....: 17

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8213170						
Silver	ND UJ	0.60	mg/kg	SW846 6010B	07/31-08/11/08	KR0FG1AM
		Dilution Factor: 1		Analysis Time..: 21:20	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8213086	MDL.....: 0.045	
Aluminum	2390	24.1	mg/kg	SW846 6010B	07/31-08/11/08	KR0FG1AN
		Dilution Factor: 1		Analysis Time..: 21:20	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8213086	MDL.....: 1.7	
Arsenic	0.82 B J	1.2	mg/kg	SW846 6010B	07/31-08/11/08	KR0FG1AP
		Dilution Factor: 1		Analysis Time..: 21:20	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8213086	MDL.....: 0.28	
Barium	11.5 B J	24.1	mg/kg	SW846 6010B	07/31-08/11/08	KR0FG1AQ
		Dilution Factor: 1		Analysis Time..: 21:20	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8213086	MDL.....: 0.044	
Beryllium	0.19 B J	0.48	mg/kg	SW846 6010B	07/31-08/11/08	KR0FG1AR
		Dilution Factor: 1		Analysis Time..: 21:20	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8213086	MDL.....: 0.037	
Calcium	1620	603	mg/kg	SW846 6010B	07/31-08/11/08	KR0FG1AT
		Dilution Factor: 1		Analysis Time..: 21:20	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8213086	MDL.....: 30.3	
Cadmium	ND	0.60	mg/kg	SW846 6010B	07/31-08/11/08	KR0FG1AU
		Dilution Factor: 1		Analysis Time..: 21:20	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8213086	MDL.....: 0.057	
Cobalt	2.1 B J	6.0	mg/kg	SW846 6010B	07/31-08/11/08	KR0FG1AV
		Dilution Factor: 1		Analysis Time..: 21:20	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8213086	MDL.....: 0.052	
Chromium	4.7	0.60	mg/kg	SW846 6010B	07/31-08/11/08	KR0FG1AW
		Dilution Factor: 1		Analysis Time..: 21:20	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8213086	MDL.....: 0.099	

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ENSR International

Client Sample ID: SB50(24-26)

TOTAL Metals

Lot-Sample #...: C8G220214-003 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Copper	5.2	3.0	mg/kg	SW846 6010B	07/31-08/11/08	KR0FG1AX
		Dilution Factor: 1		Analysis Time..: 21:20	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8213086	MDL.....: 0.17	
Iron	6390	12.1	mg/kg	SW846 6010B	07/31-08/11/08	KR0FG1A0
		Dilution Factor: 1		Analysis Time..: 21:20	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8213086	MDL.....: 3.6	
Potassium	366 B J	603	mg/kg	SW846 6010B	07/31-08/11/08	KR0FG1A1
		Dilution Factor: 1		Analysis Time..: 21:20	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8213086	MDL.....: 60.3	
Magnesium	1050	603	mg/kg	SW846 6010B	07/31-08/11/08	KR0FG1A2
		Dilution Factor: 1		Analysis Time..: 21:20	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8213086	MDL.....: 1.6	
Manganese	82.7	1.8	mg/kg	SW846 6010B	07/31-08/11/08	KR0FG1A3
		Dilution Factor: 1		Analysis Time..: 21:20	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8213086	MDL.....: 0.032	
Sodium	279 B J	603	mg/kg	SW846 6010B	07/31-08/11/08	KR0FG1A4
		Dilution Factor: 1		Analysis Time..: 21:20	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8213086	MDL.....: 16.8	
Nickel	4.8	4.8	mg/kg	SW846 6010B	07/31-08/11/08	KR0FG1A5
		Dilution Factor: 1		Analysis Time..: 21:20	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8213086	MDL.....: 0.13	
Lead	18.5	0.36	mg/kg	SW846 6010B	07/31-08/11/08	KR0FG1A6
		Dilution Factor: 1		Analysis Time..: 21:20	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8213086	MDL.....: 0.19	
Selenium	ND	0.60	mg/kg	SW846 6010B	07/31-08/11/08	KR0FG1AA
		Dilution Factor: 1		Analysis Time..: 21:20	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8213086	MDL.....: 0.35	
Thallium	ND	1.2	mg/kg	SW846 6010B	07/31-08/11/08	KR0FG1AC
		Dilution Factor: 1		Analysis Time..: 21:20	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8213086	MDL.....: 0.39	

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ENSR International

Client Sample ID: SB50(24-26)

TOTAL Metals

Lot-Sample #...: C8G220214-003 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	0.14 ~~B~~ J	1.2	mg/kg	SW846 6010B	07/31-08/11/08	KR0FG1AD
		Dilution Factor: 1		Analysis Time..: 21:20	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8213086	MDL.....: 0.11	
Vanadium	6.6	6.0	mg/kg	SW846 6010B	07/31-08/11/08	KR0FG1AE
		Dilution Factor: 1		Analysis Time..: 21:20	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8213086	MDL.....: 0.31	
Zinc	21.7 J	2.4	mg/kg	SW846 6010B	07/31-08/11/08	KR0FG1AF
		Dilution Factor: 1		Analysis Time..: 21:20	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8213086	MDL.....: 0.42	
Prep Batch #...: 8217026						
Mercury	0.068	0.040	mg/kg	SW846 7471A	08/04/08	KR0FG1AG
		Dilution Factor: 1		Analysis Time..: 10:04	Analyst ID.....: 031043	
		Instrument ID..: HGHYDRA		MS Run #.....: 8217018	MDL.....: 0.0086	

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.

ENSR International

Client Sample ID: SB50(80-81)

TOTAL Metals

Lot-Sample #...: C8G260118-001 Matrix.....: SO
Date Sampled...: 07/22/08 Date Received..: 07/26/08
% Moisture.....: 16

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8214085						
Silver	~~0.082 B~~ 0.59 U	0.59	mg/kg	SW846 6010B	08/01-08/12/08	KR7VJ1AE
		Dilution Factor: 1		Analysis Time..: 19:58	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8214052	MDL.....: 0.044	
Aluminum	4030	23.7	mg/kg	SW846 6010B	08/01-08/12/08	KR7VJ1AF
		Dilution Factor: 1		Analysis Time..: 19:58	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8214052	MDL.....: 1.7	
Arsenic	2.3	1.2	mg/kg	SW846 6010B	08/01-08/12/08	KR7VJ1AG
		Dilution Factor: 1		Analysis Time..: 19:58	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8214052	MDL.....: 0.27	
Barium	28.2	23.7	mg/kg	SW846 6010B	08/01-08/12/08	KR7VJ1AH
		Dilution Factor: 1		Analysis Time..: 19:58	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8214052	MDL.....: 0.043	
Beryllium	0.36 ~~B~~ J	0.47	mg/kg	SW846 6010B	08/01-08/12/08	KR7VJ1AJ
		Dilution Factor: 1		Analysis Time..: 19:58	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8214052	MDL.....: 0.036	
Calcium	25800	592	mg/kg	SW846 6010B	08/01-08/12/08	KR7VJ1AK
		Dilution Factor: 1		Analysis Time..: 19:58	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8214052	MDL.....: 29.8	
Cadmium	0.23 ~~B~~ J	0.59	mg/kg	SW846 6010B	08/01-08/12/08	KR7VJ1AL
		Dilution Factor: 1		Analysis Time..: 19:58	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8214052	MDL.....: 0.056	
Cobalt	4.0 ~~B~~ J	5.9	mg/kg	SW846 6010B	08/01-08/12/08	KR7VJ1AM
		Dilution Factor: 1		Analysis Time..: 19:58	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8214052	MDL.....: 0.051	
Chromium	6.5	0.59	mg/kg	SW846 6010B	08/01-08/12/08	KR7VJ1AN
		Dilution Factor: 1		Analysis Time..: 19:58	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8214052	MDL.....: 0.097	

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ENSR International

Client Sample ID: SB50(80-81)

TOTAL Metals

Lot-Sample #...: C8G260118-001 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Copper	11.3	3.0	mg/kg	SW846 6010B	08/01-08/12/08	KR7VJ1AP
		Dilution Factor: 1		Analysis Time..: 19:58	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8214052	MDL.....: 0.17	
Iron	12200 J	11.8	mg/kg	SW846 6010B	08/01-08/12/08	KR7VJ1AQ
		Dilution Factor: 1		Analysis Time..: 19:58	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8214052	MDL.....: 3.6	
Potassium	726	592	mg/kg	SW846 6010B	08/01-08/12/08	KR7VJ1AR
		Dilution Factor: 1		Analysis Time..: 19:58	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8214052	MDL.....: 59.2	
Magnesium	6200	592	mg/kg	SW846 6010B	08/01-08/12/08	KR7VJ1AT
		Dilution Factor: 1		Analysis Time..: 19:58	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8214052	MDL.....: 1.5	
Manganese	267 J	1.8	mg/kg	SW846 6010B	08/01-08/12/08	KR7VJ1AU
		Dilution Factor: 1		Analysis Time..: 19:58	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8214052	MDL.....: 0.032	
Sodium	109 B J	592	mg/kg	SW846 6010B	08/01-08/12/08	KR7VJ1AV
		Dilution Factor: 1		Analysis Time..: 19:58	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8214052	MDL.....: 16.5	
Nickel	8.3	4.7	mg/kg	SW846 6010B	08/01-08/12/08	KR7VJ1AW
		Dilution Factor: 1		Analysis Time..: 19:58	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8214052	MDL.....: 0.12	
Lead	4.8	0.36	mg/kg	SW846 6010B	08/01-08/12/08	KR7VJ1AX
		Dilution Factor: 1		Analysis Time..: 19:58	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8214052	MDL.....: 0.19	
Selenium	ND	0.59	mg/kg	SW846 6010B	08/01-08/12/08	KR7VJ1A0
		Dilution Factor: 1		Analysis Time..: 19:58	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8214052	MDL.....: 0.34	
Thallium	ND	1.2	mg/kg	SW846 6010B	08/01-08/12/08	KR7VJ1A1
		Dilution Factor: 1		Analysis Time..: 19:58	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8214052	MDL.....: 0.38	

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ENSR International

Client Sample ID: SB50(80-81)

TOTAL Metals

Lot-Sample #...: C8G260118-001 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	ND	1.2	mg/kg	SW846 6010B	08/01-08/12/08	KR7VJ1A2
		Dilution Factor: 1		Analysis Time..: 19:58	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8214052	MDL.....: 0.11	
Vanadium	**13.2**	**5.9**	**mg/kg**	**SW846 6010B**	**08/01-08/12/08**	**KR7VJ1A3**
		Dilution Factor: 1		Analysis Time..: 19:58	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8214052	MDL.....: 0.30	
Zinc	**31.3**	**2.4**	**mg/kg**	**SW846 6010B**	**08/01-08/12/08**	**KR7VJ1A4**
		Dilution Factor: 1		Analysis Time..: 19:58	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8214052	MDL.....: 0.41	
Prep Batch #...: 8225015						
Mercury	ND	0.039	mg/kg	SW846 7471A	08/12/08	KR7VJ1A5
		Dilution Factor: 1		Analysis Time..: 07:25	Analyst ID.....: 031043	
		Instrument ID..: HGHYDRA		MS Run #.....: 8225004	MDL.....: 0.0084	

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.

ENSR International

Client Sample ID: SB46(8-10)

TOTAL Metals

Lot-Sample #...: C8G260118-002 Matrix.....: SO
Date Sampled...: 07/24/08 Date Received..: 07/26/08
% Moisture.....: 18

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8214085						
Silver	~~0.14 B~~ 0.61 U	0.61	mg/kg	SW846 6010B	08/01-08/12/08	KR7VP1AM
		Dilution Factor: 1		Analysis Time..: 20:03	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8214052	MDL.....: 0.045	
Aluminum	4950	24.3	mg/kg	SW846 6010B	08/01-08/12/08	KR7VP1AN
		Dilution Factor: 1		Analysis Time..: 20:03	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8214052	MDL.....: 1.7	
Arsenic	2.2	1.2	mg/kg	SW846 6010B	08/01-08/12/08	KR7VP1AP
		Dilution Factor: 1		Analysis Time..: 20:03	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8214052	MDL.....: 0.28	
Barium	37.2	24.3	mg/kg	SW846 6010B	08/01-08/12/08	KR7VP1AQ
		Dilution Factor: 1		Analysis Time..: 20:03	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8214052	MDL.....: 0.044	
Beryllium	0.39 ~~B~~ J	0.49	mg/kg	SW846 6010B	08/01-08/12/08	KR7VP1AR
		Dilution Factor: 1		Analysis Time..: 20:03	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8214052	MDL.....: 0.037	
Calcium	23400	607	mg/kg	SW846 6010B	08/01-08/12/08	KR7VP1AT
		Dilution Factor: 1		Analysis Time..: 20:03	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8214052	MDL.....: 30.5	
Cadmium	0.23 ~~B~~ J	0.61	mg/kg	SW846 6010B	08/01-08/12/08	KR7VP1AU
		Dilution Factor: 1		Analysis Time..: 20:03	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8214052	MDL.....: 0.057	
Cobalt	3.7 ~~B~~ J	6.1	mg/kg	SW846 6010B	08/01-08/12/08	KR7VP1AV
		Dilution Factor: 1		Analysis Time..: 20:03	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8214052	MDL.....: 0.052	
Chromium	7.1	0.61	mg/kg	SW846 6010B	08/01-08/12/08	KR7VP1AW
		Dilution Factor: 1		Analysis Time..: 20:03	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8214052	MDL.....: 0.099	

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ENSR International

Client Sample ID: SB46(8-10)

TOTAL Metals

Lot-Sample #...: C8G260118-002 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Copper	12.0	3.0	mg/kg	SW846 6010B	08/01-08/12/08	KR7VP1AX
		Dilution Factor: 1		Analysis Time..: 20:03	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8214052	MDL.....: 0.17	
Iron	11200 J	12.1	mg/kg	SW846 6010B	08/01-08/12/08	KR7VP1A0
		Dilution Factor: 1		Analysis Time..: 20:03	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8214052	MDL.....: 3.6	
Potassium	570 B J	607	mg/kg	SW846 6010B	08/01-08/12/08	KR7VP1A1
		Dilution Factor: 1		Analysis Time..: 20:03	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8214052	MDL.....: 60.7	
Magnesium	2640	607	mg/kg	SW846 6010B	08/01-08/12/08	KR7VP1A2
		Dilution Factor: 1		Analysis Time..: 20:03	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8214052	MDL.....: 1.6	
Manganese	178 J	1.8	mg/kg	SW846 6010B	08/01-08/12/08	KR7VP1A3
		Dilution Factor: 1		Analysis Time..: 20:03	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8214052	MDL.....: 0.033	
Sodium	287 B J	607	mg/kg	SW846 6010B	08/01-08/12/08	KR7VP1A4
		Dilution Factor: 1		Analysis Time..: 20:03	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8214052	MDL.....: 16.9	
Nickel	7.8	4.9	mg/kg	SW846 6010B	08/01-08/12/08	KR7VP1A5
		Dilution Factor: 1		Analysis Time..: 20:03	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8214052	MDL.....: 0.13	
Lead	33.9	0.36	mg/kg	SW846 6010B	08/01-08/12/08	KR7VP1A6
		Dilution Factor: 1		Analysis Time..: 20:03	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8214052	MDL.....: 0.19	
Selenium	ND	0.61	mg/kg	SW846 6010B	08/01-08/12/08	KR7VP1AA
		Dilution Factor: 1		Analysis Time..: 20:03	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8214052	MDL.....: 0.35	
Thallium	ND	1.2	mg/kg	SW846 6010B	08/01-08/12/08	KR7VP1AC
		Dilution Factor: 1		Analysis Time..: 20:03	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8214052	MDL.....: 0.39	

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ENSR International

Client Sample ID: SB46(8-10)

TOTAL Metals

Lot-Sample #...: C8G260118-002 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	ND	1.2	mg/kg	SW846 6010B	08/01-08/12/08	KR7VP1AD
		Dilution Factor: 1		Analysis Time..: 20:03	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8214052	MDL.....: 0.11	
Vanadium	**11.5**	**6.1**	**mg/kg**	**SW846 6010B**	**08/01-08/12/08**	**KR7VP1AE**
		Dilution Factor: 1		Analysis Time..: 20:03	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8214052	MDL.....: 0.31	
Zinc	**34.9**	**2.4**	**mg/kg**	**SW846 6010B**	**08/01-08/12/08**	**KR7VP1AF**
		Dilution Factor: 1		Analysis Time..: 20:03	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8214052	MDL.....: 0.42	
Prep Batch #...: 8225015						
Mercury	**0.099**	**0.040**	**mg/kg**	**SW846 7471A**	**08/12/08**	**KR7VP1AG**
		Dilution Factor: 1		Analysis Time..: 07:27	Analyst ID.....: 031043	
		Instrument ID..: HGHYDRA		MS Run #.....: 8225004	MDL.....: 0.0086	

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.

ENSR International

Client Sample ID: SB46(74-76)

TOTAL Metals

Lot-Sample #...: C8H080154-001 Matrix.....: SO
Date Sampled...: 07/31/08 Date Received..: 08/07/08
% Moisture.....: 12

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8225044						
Mercury	0.0091 B J	0.038	mg/kg	SW846 7471A	08/12/08	KTTRF1A5
		Dilution Factor: 1		Analysis Time..: 11:45	Analyst ID.....: 401509	
		Instrument ID..: HGHYDRA		MS Run #.....: 8225025	MDL.....: 0.0081	
Prep Batch #...: 8233156						
Silver	~~0.11 B~~ 0.57U	0.57	mg/kg	SW846 6010B	08/20-08/25/08	KTTRF1AE
		Dilution Factor: 1		Analysis Time..: 18:13	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8233113	MDL.....: 0.042	
Aluminum	3380	22.7	mg/kg	SW846 6010B	08/20-08/25/08	KTTRF1AF
		Dilution Factor: 1		Analysis Time..: 18:13	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8233113	MDL.....: 1.6	
Arsenic	6.3	1.1	mg/kg	SW846 6010B	08/20-08/25/08	KTTRF1AG
		Dilution Factor: 1		Analysis Time..: 18:13	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8233113	MDL.....: 0.26	
Barium	34.5	22.7	mg/kg	SW846 6010B	08/20-08/25/08	KTTRF1AH
		Dilution Factor: 1		Analysis Time..: 18:13	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8233113	MDL.....: 0.041	
Beryllium	~~0.28 B~~ 0.45U	0.45	mg/kg	SW846 6010B	08/20-08/25/08	KTTRF1AJ
		Dilution Factor: 1		Analysis Time..: 18:13	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8233113	MDL.....: 0.035	
Calcium	61200	569	mg/kg	SW846 6010B	08/20-08/25/08	KTTRF1AK
		Dilution Factor: 1		Analysis Time..: 18:13	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8233113	MDL.....: 28.6	
Cadmium	0.065 B J	0.57	mg/kg	SW846 6010B	08/20-08/25/08	KTTRF1AL
		Dilution Factor: 1		Analysis Time..: 18:13	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8233113	MDL.....: 0.053	
Cobalt	~~3.1 B~~ 5.7U	5.7	mg/kg	SW846 6010B	08/20-08/25/08	KTTRF1AM
		Dilution Factor: 1		Analysis Time..: 18:13	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8233113	MDL.....: 0.049	

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ENSR International

Client Sample ID: SB46(74-76)

TOTAL Metals

Lot-Sample #...: C8H080154-001 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium	7.3	0.57	mg/kg	SW846 6010B	08/20-08/25/08	KTTRF1AN
		Dilution Factor: 1		Analysis Time..: 18:13	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8233113	MDL.....: 0.093	
Copper	8.2	2.8	mg/kg	SW846 6010B	08/20-08/25/08	KTTRF1AP
		Dilution Factor: 1		Analysis Time..: 18:13	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8233113	MDL.....: 0.16	
Iron	9780	11.4	mg/kg	SW846 6010B	08/20-08/25/08	KTTRF1AQ
		Dilution Factor: 1		Analysis Time..: 18:13	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8233113	MDL.....: 3.4	
Potassium	512 B J	569	mg/kg	SW846 6010B	08/20-08/25/08	KTTRF1AR
		Dilution Factor: 1		Analysis Time..: 18:13	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8233113	MDL.....: 56.9	
Magnesium	4120	569	mg/kg	SW846 6010B	08/20-08/25/08	KTTRF1AT
		Dilution Factor: 1		Analysis Time..: 18:13	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8233113	MDL.....: 1.5	
Manganese	344 J	1.7	mg/kg	SW846 6010B	08/20-08/25/08	KTTRF1AU
		Dilution Factor: 1		Analysis Time..: 18:13	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8233113	MDL.....: 0.030	
Sodium	40.4 B J	569	mg/kg	SW846 6010B	08/20-08/25/08	KTTRF1AV
		Dilution Factor: 1		Analysis Time..: 18:13	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8233113	MDL.....: 15.9	
Nickel	8.7	4.5	mg/kg	SW846 6010B	08/20-08/25/08	KTTRF1AW
		Dilution Factor: 1		Analysis Time..: 18:13	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8233113	MDL.....: 0.12	
Lead	3.6	0.34	mg/kg	SW846 6010B	08/20-08/25/08	KTTRF1AX
		Dilution Factor: 1		Analysis Time..: 18:13	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8233113	MDL.....: 0.18	
Selenium	ND U J	0.57	mg/kg	SW846 6010B	08/20-08/25/08	KTTRF1A0
		Dilution Factor: 1		Analysis Time..: 18:13	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8233113	MDL.....: 0.33	

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ENSR International

Client Sample ID: SB46(74-76)

TOTAL Metals

Lot-Sample #...: C8H080154-001 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Thallium	ND	1.1	mg/kg	SW846 6010B	08/20-08/25/08	KTTRF1A1
		Dilution Factor: 1		Analysis Time..: 18:13	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8233113	MDL.....: 0.36	
Antimony	ND	1.1	mg/kg	SW846 6010B	08/20-08/25/08	KTTRF1A2
		Dilution Factor: 1		Analysis Time..: 18:13	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8233113	MDL.....: 0.10	
Vanadium	**9.8**	**5.7**	**mg/kg**	**SW846 6010B**	**08/20-08/25/08**	**KTTRF1A3**
		Dilution Factor: 1		Analysis Time..: 18:13	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8233113	MDL.....: 0.29	
Zinc	**27.9**	**2.3**	**mg/kg**	**SW846 6010B**	**08/20-08/25/08**	**KTTRF1A4**
		Dilution Factor: 1		Analysis Time..: 18:13	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8233113	MDL.....: 0.39	

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

I Method blank contamination. The associated method blank contains the target analyte at a reportable level.

ENSR International

Client Sample ID: SB49(8-10)

TOTAL Metals

Lot-Sample #...: C8H080154-002 Matrix.....: SO
Date Sampled...: 08/01/08 Date Received..: 08/07/08
% Moisture.....: 34

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8225044						
Mercury	0.025 ~~B~~ J	0.050	mg/kg	SW846 7471A	08/12/08	KTTRR1AG
		Dilution Factor: 1		Analysis Time..: 11:50	Analyst ID.....: 401509	
		Instrument ID..: HGHYDRA		MS Run #.....: 8225025	MDL.....: 0.011	
Prep Batch #...: 8233156						
Silver	~~0.063 B~~ 0.75 U	0.75	mg/kg	SW846 6010B	08/20-08/25/08	KTTRR1AM
		Dilution Factor: 1		Analysis Time..: 18:46	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8233113	MDL.....: 0.056	
Aluminum	5890	30.1	mg/kg	SW846 6010B	08/20-08/25/08	KTTRR1AN
		Dilution Factor: 1		Analysis Time..: 18:46	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8233113	MDL.....: 2.1	
Arsenic	4.8	1.5	mg/kg	SW846 6010B	08/20-08/25/08	KTTRR1AP
		Dilution Factor: 1		Analysis Time..: 18:46	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8233113	MDL.....: 0.34	
Barium	42.3	30.1	mg/kg	SW846 6010B	08/20-08/25/08	KTTRR1AQ
		Dilution Factor: 1		Analysis Time..: 18:46	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8233113	MDL.....: 0.055	
Beryllium	~~0.44 B~~ 0.60 U	0.60	mg/kg	SW846 6010B	08/20-08/25/08	KTTRR1AR
		Dilution Factor: 1		Analysis Time..: 18:46	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8233113	MDL.....: 0.046	
Calcium	53200	753	mg/kg	SW846 6010B	08/20-08/25/08	KTTRR1AT
		Dilution Factor: 1		Analysis Time..: 18:46	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8233113	MDL.....: 37.8	
Cadmium	ND	0.75	mg/kg	SW846 6010B	08/20-08/25/08	KTTRR1AU
		Dilution Factor: 1		Analysis Time..: 18:46	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8233113	MDL.....: 0.071	
Cobalt	~~5.3 B~~ 7.5 U	7.5	mg/kg	SW846 6010B	08/20-08/25/08	KTTRR1AV
		Dilution Factor: 1		Analysis Time..: 18:46	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8233113	MDL.....: 0.065	

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ENSR International

Client Sample ID: SB49(8-10)

TOTAL Metals

Lot-Sample #...: C8H080154-002 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium	9.1	0.75	mg/kg	SW846 6010B	08/20-08/25/08	KTTRR1AW
		Dilution Factor: 1		Analysis Time..: 18:46	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8233113	MDL.....: 0.12	
Copper	12.1	3.8	mg/kg	SW846 6010B	08/20-08/25/08	KTTRR1AX
		Dilution Factor: 1		Analysis Time..: 18:46	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8233113	MDL.....: 0.21	
Iron	13700	15.1	mg/kg	SW846 6010B	08/20-08/25/08	KTTRR1A0
		Dilution Factor: 1		Analysis Time..: 18:46	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8233113	MDL.....: 4.5	
Potassium	823	753	mg/kg	SW846 6010B	08/20-08/25/08	KTTRR1A1
		Dilution Factor: 1		Analysis Time..: 18:46	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8233113	MDL.....: 75.3	
Magnesium	4000	753	mg/kg	SW846 6010B	08/20-08/25/08	KTTRR1A2
		Dilution Factor: 1		Analysis Time..: 18:46	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8233113	MDL.....: 2.0	
Manganese	283 J	2.3	mg/kg	SW846 6010B	08/20-08/25/08	KTTRR1A3
		Dilution Factor: 1		Analysis Time..: 18:46	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8233113	MDL.....: 0.040	
Sodium	824	753	mg/kg	SW846 6010B	08/20-08/25/08	KTTRR1A4
		Dilution Factor: 1		Analysis Time..: 18:46	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8233113	MDL.....: 21.0	
Nickel	10.7	6.0	mg/kg	SW846 6010B	08/20-08/25/08	KTTRR1A5
		Dilution Factor: 1		Analysis Time..: 18:46	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8233113	MDL.....: 0.16	
Lead	9.7	0.45	mg/kg	SW846 6010B	08/20-08/25/08	KTTRR1A6
		Dilution Factor: 1		Analysis Time..: 18:46	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8233113	MDL.....: 0.24	
Selenium	ND UJ	0.75	mg/kg	SW846 6010B	08/20-08/25/08	KTTRR1AA
		Dilution Factor: 1		Analysis Time..: 18:46	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8233113	MDL.....: 0.43	

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ENSR International

Client Sample ID: SB49(8-10)

TOTAL Metals

Lot-Sample #...: C8H080154-002 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Thallium	0.96 ~~B~~ J	1.5	mg/kg	SW846 6010B	08/20-08/25/08	KTTRR1AC
		Dilution Factor: 1		Analysis Time..: 18:46	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8233113	MDL.....: 0.48	
Antimony	~~0.18 B~~ 1.5U	1.5	mg/kg	SW846 6010B	08/20-08/25/08	KTTRR1AD
		Dilution Factor: 1		Analysis Time..: 18:46	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8233113	MDL.....: 0.14	
Vanadium	20.8	7.5	mg/kg	SW846 6010B	08/20-08/25/08	KTTRR1AE
		Dilution Factor: 1		Analysis Time..: 18:46	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8233113	MDL.....: 0.39	
Zinc	38.8	3.0	mg/kg	SW846 6010B	08/20-08/25/08	KTTRR1AF
		Dilution Factor: 1		Analysis Time..: 18:46	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8233113	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.

ENSR International

Client Sample ID: SB49(22-24)

TOTAL Metals

Lot-Sample #...: C8H080154-003 Matrix.....: SO
Date Sampled...: 08/01/08 Date Received..: 08/07/08
% Moisture.....: 33

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8225044						
Mercury	0.032 B J	0.049	mg/kg	SW846 7471A	08/12/08	KTTR11AG
		Dilution Factor: 1		Analysis Time..: 11:51	Analyst ID.....: 401509	
		Instrument ID..: HGHYDRA		MS Run #.....: 8225025	MDL.....: 0.011	
Prep Batch #...: 8233156						
Silver	~~0.10 B~~ 0.74 U	0.74	mg/kg	SW846 6010B	08/20-08/25/08	KTTR11AM
		Dilution Factor: 1		Analysis Time..: 17:56	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8233113	MDL.....: 0.055	
Aluminum	8890	29.7	mg/kg	SW846 6010B	08/20-08/25/08	KTTR11AN
		Dilution Factor: 1		Analysis Time..: 17:56	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8233113	MDL.....: 2.1	
Arsenic	3.3	1.5	mg/kg	SW846 6010B	08/20-08/25/08	KTTR11AP
		Dilution Factor: 1		Analysis Time..: 17:56	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8233113	MDL.....: 0.34	
Barium	55.7	29.7	mg/kg	SW846 6010B	08/20-08/25/08	KTTR11AQ
		Dilution Factor: 1		Analysis Time..: 17:56	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8233113	MDL.....: 0.054	
Beryllium	0.63	0.59	mg/kg	SW846 6010B	08/20-08/25/08	KTTR11AR
		Dilution Factor: 1		Analysis Time..: 17:56	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8233113	MDL.....: 0.046	
Calcium	21500	742	mg/kg	SW846 6010B	08/20-08/25/08	KTTR11AT
		Dilution Factor: 1		Analysis Time..: 17:56	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8233113	MDL.....: 37.3	
Cadmium	0.12 B J	0.74	mg/kg	SW846 6010B	08/20-08/25/08	KTTR11AU
		Dilution Factor: 1		Analysis Time..: 17:56	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8233113	MDL.....: 0.070	
Cobalt	8.0	7.4	mg/kg	SW846 6010B	08/20-08/25/08	KTTR11AV
		Dilution Factor: 1		Analysis Time..: 17:56	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8233113	MDL.....: 0.064	

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ENSR International

Client Sample ID: SB49(22-24)

TOTAL Metals

Lot-Sample #...: C8H080154-003 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium	13.5	0.74	mg/kg	SW846 6010B	08/20-08/25/08	KTTR11AW
		Dilution Factor: 1		Analysis Time..: 17:56	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8233113	MDL.....: 0.12	
Copper	17.3	3.7	mg/kg	SW846 6010B	08/20-08/25/08	KTTR11AX
		Dilution Factor: 1		Analysis Time..: 17:56	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8233113	MDL.....: 0.21	
Iron	21300	14.8	mg/kg	SW846 6010B	08/20-08/25/08	KTTR11A0
		Dilution Factor: 1		Analysis Time..: 17:56	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8233113	MDL.....: 4.5	
Potassium	989	742	mg/kg	SW846 6010B	08/20-08/25/08	KTTR11A1
		Dilution Factor: 1		Analysis Time..: 17:56	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8233113	MDL.....: 74.2	
Magnesium	4710	742	mg/kg	SW846 6010B	08/20-08/25/08	KTTR11A2
		Dilution Factor: 1		Analysis Time..: 17:56	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8233113	MDL.....: 1.9	
Manganese	274 J	2.2	mg/kg	SW846 6010B	08/20-08/25/08	KTTR11A3
		Dilution Factor: 1		Analysis Time..: 17:56	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8233113	MDL.....: 0.040	
Sodium	296 B J	742	mg/kg	SW846 6010B	08/20-08/25/08	KTTR11A4
		Dilution Factor: 1		Analysis Time..: 17:56	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8233113	MDL.....: 20.7	
Nickel	19.1	5.9	mg/kg	SW846 6010B	08/20-08/25/08	KTTR11A5
		Dilution Factor: 1		Analysis Time..: 17:56	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8233113	MDL.....: 0.16	
Lead	9.0	0.45	mg/kg	SW846 6010B	08/20-08/25/08	KTTR11A6
		Dilution Factor: 1		Analysis Time..: 17:56	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8233113	MDL.....: 0.23	
Selenium	ND UJ	0.74	mg/kg	SW846 6010B	08/20-08/25/08	KTTR11AA
		Dilution Factor: 1		Analysis Time..: 17:56	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8233113	MDL.....: 0.43	

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ENSR International

Client Sample ID: SB49(22-24)

TOTAL Metals

Lot-Sample #...: C8H080154-003 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Thallium	0.90 ~~B~~ J	1.5	mg/kg	SW846 6010B	08/20-08/25/08	KTTR11AC
		Dilution Factor: 1		Analysis Time..: 17:56	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8233113	MDL.....: 0.48	
Antimony	~~0.20 B~~ 1.5U	1.5	mg/kg	SW846 6010B	08/20-08/25/08	KTTR11AD
		Dilution Factor: 1		Analysis Time..: 17:56	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8233113	MDL.....: 0.14	
Vanadium	19.9	7.4	mg/kg	SW846 6010B	08/20-08/25/08	KTTR11AE
		Dilution Factor: 1		Analysis Time..: 17:56	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8233113	MDL.....: 0.38	
Zinc	58.0	3.0	mg/kg	SW846 6010B	08/20-08/25/08	KTTR11AF
		Dilution Factor: 1		Analysis Time..: 17:56	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8233113	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.

ENSR International

Client Sample ID: SB49(28-30)

TOTAL Metals

Lot-Sample #...: C8H080154-004 Matrix.....: SO
Date Sampled...: 08/01/08 Date Received..: 08/07/08
% Moisture.....: 26

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8225044						
Mercury	**0.031 B J**	**0.045**	**mg/kg**	**SW846 7471A**	**08/12/08**	**KTTR41AG**
		Dilution Factor: 1		Analysis Time..: 11:53	Analyst ID.....: 401509	
		Instrument ID..: HGHYDRA		MS Run #.....: 8225025	MDL.....: 0.0096	
Prep Batch #...: 8233156						
Silver	~~**0.073 B**~~ 0.63 U	**0.68**	**mg/kg**	**SW846 6010B**	**08/20-08/25/08**	**KTTR41AM**
		Dilution Factor: 1		Analysis Time..: 18:02	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8233113	MDL.....: 0.050	
Aluminum	**8320**	**27.2**	**mg/kg**	**SW846 6010B**	**08/20-08/25/08**	**KTTR41AN**
		Dilution Factor: 1		Analysis Time..: 18:02	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8233113	MDL.....: 1.9	
Arsenic	**3.1**	**1.4**	**mg/kg**	**SW846 6010B**	**08/20-08/25/08**	**KTTR41AP**
		Dilution Factor: 1		Analysis Time..: 18:02	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8233113	MDL.....: 0.31	
Barium	**52.3**	**27.2**	**mg/kg**	**SW846 6010B**	**08/20-08/25/08**	**KTTR41AQ**
		Dilution Factor: 1		Analysis Time..: 18:02	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8233113	MDL.....: 0.049	
Beryllium	**0.60**	**0.54**	**mg/kg**	**SW846 6010B**	**08/20-08/25/08**	**KTTR41AR**
		Dilution Factor: 1		Analysis Time..: 18:02	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8233113	MDL.....: 0.042	
Calcium	**11600**	**679**	**mg/kg**	**SW846 6010B**	**08/20-08/25/08**	**KTTR41AT**
		Dilution Factor: 1		Analysis Time..: 18:02	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8233113	MDL.....: 34.1	
Cadmium	**0.12 B J**	**0.68**	**mg/kg**	**SW846 6010B**	**08/20-08/25/08**	**KTTR41AU**
		Dilution Factor: 1		Analysis Time..: 18:02	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8233113	MDL.....: 0.064	
Cobalt	**7.8**	**6.8**	**mg/kg**	**SW846 6010B**	**08/20-08/25/08**	**KTTR41AV**
		Dilution Factor: 1		Analysis Time..: 18:02	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8233113	MDL.....: 0.058	

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ENSR International

Client Sample ID: SB49(28-30)

TOTAL Metals

Lot-Sample #...: C8H080154-004 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium	12.6	0.68	mg/kg	SW846 6010B	08/20-08/25/08	KTTR41AW
		Dilution Factor: 1		Analysis Time..: 18:02	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8233113	MDL.....: 0.11	
Copper	16.8	3.4	mg/kg	SW846 6010B	08/20-08/25/08	KTTR41AX
		Dilution Factor: 1		Analysis Time..: 18:02	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8233113	MDL.....: 0.19	
Iron	18000	13.6	mg/kg	SW846 6010B	08/20-08/25/08	KTTR41A0
		Dilution Factor: 1		Analysis Time..: 18:02	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8233113	MDL.....: 4.1	
Potassium	1110	679	mg/kg	SW846 6010B	08/20-08/25/08	KTTR41A1
		Dilution Factor: 1		Analysis Time..: 18:02	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8233113	MDL.....: 67.9	
Magnesium	6200	679	mg/kg	SW846 6010B	08/20-08/25/08	KTTR41A2
		Dilution Factor: 1		Analysis Time..: 18:02	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8233113	MDL.....: 1.8	
Manganese	249 J	2.0	mg/kg	SW846 6010B	08/20-08/25/08	KTTR41A3
		Dilution Factor: 1		Analysis Time..: 18:02	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8233113	MDL.....: 0.036	
Sodium	84.1 B J	679	mg/kg	SW846 6010B	08/20-08/25/08	KTTR41A4
		Dilution Factor: 1		Analysis Time..: 18:02	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8233113	MDL.....: 18.9	
Nickel	17.9	5.4	mg/kg	SW846 6010B	08/20-08/25/08	KTTR41A5
		Dilution Factor: 1		Analysis Time..: 18:02	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8233113	MDL.....: 0.14	
Lead	8.2	0.41	mg/kg	SW846 6010B	08/20-08/25/08	KTTR41A6
		Dilution Factor: 1		Analysis Time..: 18:02	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8233113	MDL.....: 0.21	
Selenium	ND UJ	0.68	mg/kg	SW846 6010B	08/20-08/25/08	KTTR41AA
		Dilution Factor: 1		Analysis Time..: 18:02	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8233113	MDL.....: 0.39	

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ENSR International

Client Sample ID: SB49(28-30)

TOTAL Metals

Lot-Sample #...: C8H080154-004 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Thallium	**0.90 B J**	**1.4**	**mg/kg**	**SW846 6010B**	**08/20-08/25/08**	**KTTR41AC**
		Dilution Factor: 1		Analysis Time..: 18:02	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8233113	MDL.....: 0.44	
Antimony	ND	1.4	mg/kg	SW846 6010B	08/20-08/25/08	KTTR41AD
		Dilution Factor: 1		Analysis Time..: 18:02	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8233113	MDL.....: 0.12	
Vanadium	**20.1**	**6.8**	**mg/kg**	**SW846 6010B**	**08/20-08/25/08**	**KTTR41AE**
		Dilution Factor: 1		Analysis Time..: 18:02	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8233113	MDL.....: 0.35	
Zinc	**55.0**	**2.7**	**mg/kg**	**SW846 6010B**	**08/20-08/25/08**	**KTTR41AF**
		Dilution Factor: 1		Analysis Time..: 18:02	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8233113	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.

ENSR International

Client Sample ID: SB49(72-74)

TOTAL Metals

Lot-Sample #...: C8H080154-005 Matrix.....: SO
Date Sampled...: 08/04/08 Date Received..: 08/07/08
% Moisture.....: 11

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8225044						
Mercury	ND	0.037	mg/kg	SW846 7471A	08/12/08	KTTR61AG
		Dilution Factor: 1		Analysis Time..: 11:55	Analyst ID.....: 401509	
		Instrument ID..: HGHYDRA		MS Run #.....: 8225025	MDL.....: 0.0080	
Prep Batch #...: 8233156						
Silver	~~0.079 B~~ 0.56 U	**0.56**	**mg/kg**	**SW846 6010B**	**08/20-08/25/08**	**KTTR61AM**
		Dilution Factor: 1		Analysis Time..: 18:07	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8233113	MDL.....: 0.042	
Aluminum	**4460**	**22.5**	**mg/kg**	**SW846 6010B**	**08/20-08/25/08**	**KTTR61AN**
		Dilution Factor: 1		Analysis Time..: 18:07	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8233113	MDL.....: 1.6	
Arsenic	**11.7**	**1.1**	**mg/kg**	**SW846 6010B**	**08/20-08/25/08**	**KTTR61AP**
		Dilution Factor: 1		Analysis Time..: 18:07	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8233113	MDL.....: 0.26	
Barium	**27.1**	**22.5**	**mg/kg**	**SW846 6010B**	**08/20-08/25/08**	**KTTR61AQ**
		Dilution Factor: 1		Analysis Time..: 18:07	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8233113	MDL.....: 0.041	
Beryllium	~~0.31 B~~ 0.45 U	**0.45**	**mg/kg**	**SW846 6010B**	**08/20-08/25/08**	**KTTR61AR**
		Dilution Factor: 1		Analysis Time..: 18:07	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8233113	MDL.....: 0.035	
Calcium	**54300**	**563**	**mg/kg**	**SW846 6010B**	**08/20-08/25/08**	**KTTR61AT**
		Dilution Factor: 1		Analysis Time..: 18:07	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8233113	MDL.....: 28.3	
Cadmium	**0.073 B** J	**0.56**	**mg/kg**	**SW846 6010B**	**08/20-08/25/08**	**KTTR61AU**
		Dilution Factor: 1		Analysis Time..: 18:07	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8233113	MDL.....: 0.053	
Cobalt	~~4.1 B~~ 5.6 U	**5.6**	**mg/kg**	**SW846 6010B**	**08/20-08/25/08**	**KTTR61AV**
		Dilution Factor: 1		Analysis Time..: 18:07	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8233113	MDL.....: 0.048	

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ENSR International

Client Sample ID: SB49(72-74)

TOTAL Metals

Lot-Sample #...: C8H080154-005 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium	7.3	0.56	mg/kg	SW846 6010B	08/20-08/25/08	KTTR61AW
		Dilution Factor: 1		Analysis Time..: 18:07	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8233113	MDL.....: 0.092	
Copper	11.0	2.8	mg/kg	SW846 6010B	08/20-08/25/08	KTTR61AX
		Dilution Factor: 1		Analysis Time..: 18:07	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8233113	MDL.....: 0.16	
Iron	15100	11.3	mg/kg	SW846 6010B	08/20-08/25/08	KTTR61A0
		Dilution Factor: 1		Analysis Time..: 18:07	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8233113	MDL.....: 3.4	
Potassium	597	563	mg/kg	SW846 6010B	08/20-08/25/08	KTTR61A1
		Dilution Factor: 1		Analysis Time..: 18:07	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8233113	MDL.....: 56.3	
Magnesium	5000	563	mg/kg	SW846 6010B	08/20-08/25/08	KTTR61A2
		Dilution Factor: 1		Analysis Time..: 18:07	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8233113	MDL.....: 1.5	
Manganese	252 J	1.7	mg/kg	SW846 6010B	08/20-08/25/08	KTTR61A3
		Dilution Factor: 1		Analysis Time..: 18:07	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8233113	MDL.....: 0.030	
Sodium	83.0 B J	563	mg/kg	SW846 6010B	08/20-08/25/08	KTTR61A4
		Dilution Factor: 1		Analysis Time..: 18:07	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8233113	MDL.....: 15.7	
Nickel	10.2	4.5	mg/kg	SW846 6010B	08/20-08/25/08	KTTR61A5
		Dilution Factor: 1		Analysis Time..: 18:07	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8233113	MDL.....: 0.12	
Lead	4.3	0.34	mg/kg	SW846 6010B	08/20-08/25/08	KTTR61A6
		Dilution Factor: 1		Analysis Time..: 18:07	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8233113	MDL.....: 0.18	
Selenium	ND UJ	0.56	mg/kg	SW846 6010B	08/20-08/25/08	KTTR61AA
		Dilution Factor: 1		Analysis Time..: 18:07	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8233113	MDL.....: 0.32	

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ENSR International

Client Sample ID: SB49(72-74)

TOTAL Metals

Lot-Sample #...: C8H080154-005 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Thallium	ND	1.1	mg/kg	SW846 6010B	08/20-08/25/08	KTTR61AC
		Dilution Factor: 1		Analysis Time..: 18:07	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8233113	MDL.....: 0.36	
Antimony	~~0.10 B~~ 1.1 U	**1.1**	**mg/kg**	**SW846 6010B**	**08/20-08/25/08**	**KTTR61AD**
		Dilution Factor: 1		Analysis Time..: 18:07	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8233113	MDL.....: 0.10	
Vanadium	**11.6**	**5.6**	**mg/kg**	**SW846 6010B**	**08/20-08/25/08**	**KTTR61AE**
		Dilution Factor: 1		Analysis Time..: 18:07	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8233113	MDL.....: 0.29	
Zinc	**34.6**	**2.3**	**mg/kg**	**SW846 6010B**	**08/20-08/25/08**	**KTTR61AF**
		Dilution Factor: 1		Analysis Time..: 18:07	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8233113	MDL.....: 0.39	

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.

ENSR International

Client Sample ID: SB51(23.5-25.5)

TOTAL Metals

Lot-Sample #...: C8I060176-001 Matrix.....: SO
Date Sampled...: 09/02/08 Date Received..: 09/06/08
% Moisture.....: 25

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8261206						
Silver	~~0.16 B,J~~ 0.67U	0.67	mg/kg	SW846 6010B	09/17-09/18/08	KWE0P1AE
		Dilution Factor: 1		Analysis Time..: 14:43	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8261131	MDL.....: 0.050	
Aluminum	7810	26.8	mg/kg	SW846 6010B	09/17-09/18/08	KWE0P1AF
		Dilution Factor: 1		Analysis Time..: 14:43	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8261131	MDL.....: 1.9	
Arsenic	3.8	1.3	mg/kg	SW846 6010B	09/17-09/18/08	KWE0P1AG
		Dilution Factor: 1		Analysis Time..: 14:43	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8261131	MDL.....: 0.31	
Barium	48.8	26.8	mg/kg	SW846 6010B	09/17-09/18/08	KWE0P1AH
		Dilution Factor: 1		Analysis Time..: 14:43	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8261131	MDL.....: 0.049	
Beryllium	0.62	0.54	mg/kg	SW846 6010B	09/17-09/18/08	KWE0P1AJ
		Dilution Factor: 1		Analysis Time..: 14:43	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8261131	MDL.....: 0.041	
Calcium	10100	671	mg/kg	SW846 6010B	09/17-09/18/08	KWE0P1AK
		Dilution Factor: 1		Analysis Time..: 14:43	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8261131	MDL.....: 33.7	
Cadmium	ND	0.67	mg/kg	SW846 6010B	09/17-09/18/08	KWE0P1AL
		Dilution Factor: 1		Analysis Time..: 14:43	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8261131	MDL.....: 0.063	
Cobalt	8.0	6.7	mg/kg	SW846 6010B	09/17-09/18/08	KWE0P1AM
		Dilution Factor: 1		Analysis Time..: 14:43	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8261131	MDL.....: 0.058	
Chromium	12.1	0.67	mg/kg	SW846 6010B	09/17-09/18/08	KWE0P1AN
		Dilution Factor: 1		Analysis Time..: 14:43	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8261131	MDL.....: 0.11	

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ENSR International

Client Sample ID: SB51(23.5-25.5)

TOTAL Metals

Lot-Sample #...: C8I060176-001 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Copper	16.9	3.4	mg/kg	SW846 6010B	09/17-09/18/08	KWE0P1AP
		Dilution Factor: 1		Analysis Time..: 14:43	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8261131	MDL.....: 0.19	
Iron	17900	13.4	mg/kg	SW846 6010B	09/17-09/18/08	KWE0P1AQ
		Dilution Factor: 1		Analysis Time..: 14:43	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8261131	MDL.....: 4.0	
Potassium	902	671	mg/kg	SW846 6010B	09/17-09/18/08	KWE0P1AR
		Dilution Factor: 1		Analysis Time..: 14:43	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8261131	MDL.....: 67.1	
Magnesium	5830	671	mg/kg	SW846 6010B	09/17-09/18/08	KWE0P1AT
		Dilution Factor: 1		Analysis Time..: 14:43	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8261131	MDL.....: 1.8	
Manganese	234	2.0	mg/kg	SW846 6010B	09/17-09/18/08	KWE0P1AU
		Dilution Factor: 1		Analysis Time..: 14:43	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8261131	MDL.....: 0.036	
Sodium	107 B J	671	mg/kg	SW846 6010B	09/17-09/18/08	KWE0P1AV
		Dilution Factor: 1		Analysis Time..: 14:43	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8261131	MDL.....: 18.7	
Nickel	18.5	5.4	mg/kg	SW846 6010B	09/17-09/18/08	KWE0P1AW
		Dilution Factor: 1		Analysis Time..: 14:43	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8261131	MDL.....: 0.14	
Lead	8.0	0.40	mg/kg	SW846 6010B	09/17-09/18/08	KWE0P1AX
		Dilution Factor: 1		Analysis Time..: 14:43	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8261131	MDL.....: 0.21	
Selenium	ND	0.67	mg/kg	SW846 6010B	09/17-09/18/08	KWE0P1A0
		Dilution Factor: 1		Analysis Time..: 14:43	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8261131	MDL.....: 0.39	
Thallium	ND	1.3	mg/kg	SW846 6010B	09/17-09/18/08	KWE0P1A1
		Dilution Factor: 1		Analysis Time..: 14:43	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8261131	MDL.....: 0.43	

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ENSR International

Client Sample ID: SB51(23.5-25.5)

TOTAL Metals

Lot-Sample #...: C8I060176-001 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	ND	1.3	mg/kg	SW846 6010B	09/17-09/18/08	KWE0P1A2
		Dilution Factor: 1		Analysis Time..: 14:43	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8261131	MDL.....: 0.12	
Vanadium	**18.9**	**6.7**	**mg/kg**	**SW846 6010B**	**09/17-09/18/08**	**KWE0P1A3**
		Dilution Factor: 1		Analysis Time..: 14:43	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8261131	MDL.....: 0.34	
Zinc	**56.3 J**	**2.7**	**mg/kg**	**SW846 6010B**	**09/17-09/18/08**	**KWE0P1A4**
		Dilution Factor: 1		Analysis Time..: 14:43	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8261131	MDL.....: 0.46	
Prep Batch #...: 8262026						
Mercury	**0.024 B J**	**0.044**	**mg/kg**	**SW846 7471A**	**09/18/08**	**KWE0P1A5**
		Dilution Factor: 1		Analysis Time..: 09:57	Analyst ID.....: 031043	
		Instrument ID..: HGHYDRA		MS Run #.....: 8262022	MDL.....: 0.0095	

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.

ENSR International

Client Sample ID: SB45(8-10)

TOTAL Metals

Lot-Sample #...: C8J100124-001 Matrix.....: SO
Date Sampled...: 10/06/08 Date Received..: 10/09/08
% Moisture.....: 17

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8289530						
Silver	0.13 B J	0.60	mg/kg	SW846 6010B	10/15-10/23/08	K0KA91AE
		Dilution Factor: 1		Analysis Time..: 23:03	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8289320	MDL.....: 0.079	
Aluminum	6670	24.0	mg/kg	SW846 6010B	10/15-10/23/08	K0KA91AF
		Dilution Factor: 1		Analysis Time..: 23:03	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8289320	MDL.....: 2.9	
Arsenic	6.0	1.2	mg/kg	SW846 6010B	10/15-10/23/08	K0KA91AG
		Dilution Factor: 1		Analysis Time..: 23:03	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8289320	MDL.....: 0.35	
Barium	45.1	24.0	mg/kg	SW846 6010B	10/15-10/23/08	K0KA91AH
		Dilution Factor: 1		Analysis Time..: 23:03	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8289320	MDL.....: 0.095	
Beryllium	~~0.41 B~~ 0.48 U	0.48	mg/kg	SW846 6010B	10/15-10/23/08	K0KA91AJ
		Dilution Factor: 1		Analysis Time..: 23:03	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8289320	MDL.....: 0.018	
Calcium	24900 J	600	mg/kg	SW846 6010B	10/15-10/23/08	K0KA91AK
		Dilution Factor: 1		Analysis Time..: 23:03	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8289320	MDL.....: 2.0	
Cadmium	0.30 B J	0.60	mg/kg	SW846 6010B	10/15-10/23/08	K0KA91AL
		Dilution Factor: 1		Analysis Time..: 23:03	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8289320	MDL.....: 0.025	
Cobalt	3.3 B J	6.0	mg/kg	SW846 6010B	10/15-10/23/08	K0KA91AM
		Dilution Factor: 1		Analysis Time..: 23:03	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8289320	MDL.....: 0.097	
Chromium	16.4	0.60	mg/kg	SW846 6010B	10/15-10/23/08	K0KA91AN
		Dilution Factor: 1		Analysis Time..: 23:03	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8289320	MDL.....: 0.067	

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ENSR International

Client Sample ID: SB45(8-10)

TOTAL Metals

Lot-Sample #...: C8J100124-001 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Copper	15.9	3.0	mg/kg	SW846 6010B	10/15-10/23/08	K0KA91AP
		Dilution Factor: 1		Analysis Time..: 23:03	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8289320	MDL.....: 0.32	
Iron	13600 J	12.0	mg/kg	SW846 6010B	10/15-10/23/08	K0KA91AQ
		Dilution Factor: 1		Analysis Time..: 23:03	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8289320	MDL.....: 1.5	
Potassium	1020	600	mg/kg	SW846 6010B	10/15-10/23/08	K0KA91AR
		Dilution Factor: 1		Analysis Time..: 23:03	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8289320	MDL.....: 90.0	
Magnesium	5470	600	mg/kg	SW846 6010B	10/15-10/23/08	K0KA91AT
		Dilution Factor: 1		Analysis Time..: 23:03	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8289320	MDL.....: 2.5	
Manganese	303	1.8	mg/kg	SW846 6010B	10/15-10/23/08	K0KA91AU
		Dilution Factor: 1		Analysis Time..: 23:03	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8289320	MDL.....: 0.073	
Sodium	608	600	mg/kg	SW846 6010B	10/15-10/23/08	K0KA91AV
		Dilution Factor: 1		Analysis Time..: 23:03	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8289320	MDL.....: 17.4	
Nickel	6.7	4.8	mg/kg	SW846 6010B	10/15-10/23/08	K0KA91AW
		Dilution Factor: 1		Analysis Time..: 23:03	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8289320	MDL.....: 0.17	
Lead	155	0.36	mg/kg	SW846 6010B	10/15-10/23/08	K0KA91AX
		Dilution Factor: 1		Analysis Time..: 23:03	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8289320	MDL.....: 0.19	
Selenium	0.79	0.60	mg/kg	SW846 6010B	10/15-10/23/08	K0KA91A0
		Dilution Factor: 1		Analysis Time..: 23:03	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8289320	MDL.....: 0.21	
Thallium	ND	1.2	mg/kg	SW846 6010B	10/15-10/23/08	K0KA91A1
		Dilution Factor: 1		Analysis Time..: 23:03	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8289320	MDL.....: 0.37	

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ENSR International

Client Sample ID: SB45(8-10)

TOTAL Metals

Lot-Sample #...: C8J100124-001 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	ND	1.2	mg/kg	SW846 6010B	10/15-10/23/08	K0KA91A2
		Dilution Factor: 1		Analysis Time..: 23:03	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8289320	MDL.....: 0.25	
Vanadium	**16.0**	**6.0**	**mg/kg**	**SW846 6010B**	**10/15-10/23/08**	**K0KA91A3**
		Dilution Factor: 1		Analysis Time..: 23:03	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8289320	MDL.....: 0.29	
Zinc	**67.8 J**	**2.4**	**mg/kg**	**SW846 6010B**	**10/15-10/23/08**	**K0KA91A4**
		Dilution Factor: 1		Analysis Time..: 23:03	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8289320	MDL.....: 0.22	
Prep Batch #...: 8294184						
Mercury	**3.5**	**0.40**	**mg/kg**	**SW846 7471A**	**10/20/08**	**K0KA91A5**
		Dilution Factor: 10		Analysis Time..: 16:11	Analyst ID.....: 401509	
		Instrument ID..: HGHYDRA		MS Run #.....: 8294107	MDL.....: 0.030	

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.

ENSR International

Client Sample ID: SB45(20-22)

TOTAL Metals

Lot-Sample #...: C8J100124-002 Matrix.....: SO
Date Sampled...: 10/07/08 Date Received..: 10/09/08
% Moisture.....: 19

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8289530						
Silver	ND	0.62	mg/kg	SW846 6010B	10/15-10/23/08	K0KCL1AM
		Dilution Factor: 1		Analysis Time..: 23:09	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8289320	MDL.....: 0.082	
Aluminum	**4150**	**24.7**	**mg/kg**	**SW846 6010B**	**10/15-10/23/08**	**K0KCL1AN**
		Dilution Factor: 1		Analysis Time..: 23:09	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8289320	MDL.....: 3.0	
Arsenic	**2.3**	**1.2**	**mg/kg**	**SW846 6010B**	**10/15-10/23/08**	**K0KCL1AP**
		Dilution Factor: 1		Analysis Time..: 23:09	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8289320	MDL.....: 0.36	
Barium	**30.9**	**24.7**	**mg/kg**	**SW846 6010B**	**10/15-10/23/08**	**K0KCL1AQ**
		Dilution Factor: 1		Analysis Time..: 23:09	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8289320	MDL.....: 0.098	
Beryllium	~~0.35 B~~ 0.49U	**0.49**	**mg/kg**	**SW846 6010B**	**10/15-10/23/08**	**K0KCL1AR**
		Dilution Factor: 1		Analysis Time..: 23:09	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8289320	MDL.....: 0.019	
Calcium	**30800 J**	**618**	**mg/kg**	**SW846 6010B**	**10/15-10/23/08**	**K0KCL1AT**
		Dilution Factor: 1		Analysis Time..: 23:09	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8289320	MDL.....: 2.1	
Cadmium	**0.074 B J**	**0.62**	**mg/kg**	**SW846 6010B**	**10/15-10/23/08**	**K0KCL1AU**
		Dilution Factor: 1		Analysis Time..: 23:09	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8289320	MDL.....: 0.026	
Cobalt	**4.2 B J**	**6.2**	**mg/kg**	**SW846 6010B**	**10/15-10/23/08**	**K0KCL1AV**
		Dilution Factor: 1		Analysis Time..: 23:09	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8289320	MDL.....: 0.10	
Chromium	**6.6**	**0.62**	**mg/kg**	**SW846 6010B**	**10/15-10/23/08**	**K0KCL1AW**
		Dilution Factor: 1		Analysis Time..: 23:09	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8289320	MDL.....: 0.069	

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ENSR International

Client Sample ID: SB45(20-22)

TOTAL Metals

Lot-Sample #...: C8J100124-002 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Copper	13.0	3.1	mg/kg	SW846 6010B	10/15-10/23/08	K0KCL1AX
		Dilution Factor: 1		Analysis Time..: 23:09	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8289320	MDL.....: 0.33	
Iron	12000 J	12.4	mg/kg	SW846 6010B	10/15-10/23/08	K0KCL1A0
		Dilution Factor: 1		Analysis Time..: 23:09	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8289320	MDL.....: 1.6	
Potassium	802	618	mg/kg	SW846 6010B	10/15-10/23/08	K0KCL1A1
		Dilution Factor: 1		Analysis Time..: 23:09	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8289320	MDL.....: 92.7	
Magnesium	9490	618	mg/kg	SW846 6010B	10/15-10/23/08	K0KCL1A2
		Dilution Factor: 1		Analysis Time..: 23:09	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8289320	MDL.....: 2.6	
Manganese	288	1.9	mg/kg	SW846 6010B	10/15-10/23/08	K0KCL1A3
		Dilution Factor: 1		Analysis Time..: 23:09	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8289320	MDL.....: 0.075	
Sodium	194 B J	618	mg/kg	SW846 6010B	10/15-10/23/08	K0KCL1A4
		Dilution Factor: 1		Analysis Time..: 23:09	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8289320	MDL.....: 17.9	
Nickel	9.6	4.9	mg/kg	SW846 6010B	10/15-10/23/08	K0KCL1A5
		Dilution Factor: 1		Analysis Time..: 23:09	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8289320	MDL.....: 0.18	
Lead	4.1	0.37	mg/kg	SW846 6010B	10/15-10/23/08	K0KCL1A6
		Dilution Factor: 1		Analysis Time..: 23:09	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8289320	MDL.....: 0.19	
Selenium	ND	0.62	mg/kg	SW846 6010B	10/15-10/23/08	K0KCL1AA
		Dilution Factor: 1		Analysis Time..: 23:09	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8289320	MDL.....: 0.22	
Thallium	ND	1.2	mg/kg	SW846 6010B	10/15-10/23/08	K0KCL1AC
		Dilution Factor: 1		Analysis Time..: 23:09	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8289320	MDL.....: 0.38	

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ENSR International

Client Sample ID: SB45(20-22)

TOTAL Metals

Lot-Sample #...: C8J100124-002 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	ND	1.2	mg/kg	SW846 6010B	10/15-10/23/08	K0KCL1AD
		Dilution Factor: 1		Analysis Time..: 23:09	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8289320	MDL.....: 0.26	
Vanadium	**14.0**	**6.2**	**mg/kg**	**SW846 6010B**	**10/15-10/23/08**	**K0KCL1AE**
		Dilution Factor: 1		Analysis Time..: 23:09	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8289320	MDL.....: 0.30	
Zinc	**30.5 J**	**2.5**	**mg/kg**	**SW846 6010B**	**10/15-10/23/08**	**K0KCL1AF**
		Dilution Factor: 1		Analysis Time..: 23:09	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8289320	MDL.....: 0.23	
Prep Batch #...: 8294184						
Mercury	ND U	0.041	mg/kg	SW846 7471A	10/20/08	K0KCL1AG
		Dilution Factor: 1		Analysis Time..: 15:58	Analyst ID.....: 401509	
		Instrument ID..: HGHYDRA		MS Run #.....: 8294107	MDL.....: 0.0031	

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.

ENSR International

Client Sample ID: SB41(15-17)

TOTAL Metals

Lot-Sample #...: C8J100124-003 Matrix.....: SO
Date Sampled...: 10/08/08 Date Received..: 10/09/08
% Moisture.....: 21

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8289530						
Silver	ND	0.64	mg/kg	SW846 6010B	10/15-10/23/08	K0KCM1AM
		Dilution Factor: 1		Analysis Time..: 23:14	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8289320	MDL.....: 0.084	
Aluminum	**5020**	**25.4**	**mg/kg**	**SW846 6010B**	**10/15-10/23/08**	**K0KCM1AN**
		Dilution Factor: 1		Analysis Time..: 23:14	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8289320	MDL.....: 3.0	
Arsenic	**3.0**	**1.3**	**mg/kg**	**SW846 6010B**	**10/15-10/23/08**	**K0KCM1AP**
		Dilution Factor: 1		Analysis Time..: 23:14	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8289320	MDL.....: 0.37	
Barium	**27.2**	**25.4**	**mg/kg**	**SW846 6010B**	**10/15-10/23/08**	**K0KCM1AQ**
		Dilution Factor: 1		Analysis Time..: 23:14	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8289320	MDL.....: 0.10	
Beryllium	~~0.42 B~~ 0.51U	**0.51**	**mg/kg**	**SW846 6010B**	**10/15-10/23/08**	**K0KCM1AR**
		Dilution Factor: 1		Analysis Time..: 23:14	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8289320	MDL.....: 0.019	
Calcium	**24500** J	**636**	**mg/kg**	**SW846 6010B**	**10/15-10/23/08**	**K0KCM1AT**
		Dilution Factor: 1		Analysis Time..: 23:14	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8289320	MDL.....: 2.2	
Cadmium	**0.051** B J	**0.64**	**mg/kg**	**SW846 6010B**	**10/15-10/23/08**	**K0KCM1AU**
		Dilution Factor: 1		Analysis Time..: 23:14	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8289320	MDL.....: 0.027	
Cobalt	**4.0** B J	**6.4**	**mg/kg**	**SW846 6010B**	**10/15-10/23/08**	**K0KCM1AV**
		Dilution Factor: 1		Analysis Time..: 23:14	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8289320	MDL.....: 0.10	
Chromium	**6.6**	**0.64**	**mg/kg**	**SW846 6010B**	**10/15-10/23/08**	**K0KCM1AW**
		Dilution Factor: 1		Analysis Time..: 23:14	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8289320	MDL.....: 0.071	

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ENSR International

Client Sample ID: SB41(15-17)

TOTAL Metals

Lot-Sample #...: C8J100124-003 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Copper	10.3	3.2	mg/kg	SW846 6010B	10/15-10/23/08	K0KCM1AX
		Dilution Factor: 1		Analysis Time..: 23:14	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8289320	MDL.....: 0.34	
Iron	11500 J	12.7	mg/kg	SW846 6010B	10/15-10/23/08	K0KCM1A0
		Dilution Factor: 1		Analysis Time..: 23:14	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8289320	MDL.....: 1.6	
Potassium	643	636	mg/kg	SW846 6010B	10/15-10/23/08	K0KCM1A1
		Dilution Factor: 1		Analysis Time..: 23:14	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8289320	MDL.....: 95.4	
Magnesium	2410	636	mg/kg	SW846 6010B	10/15-10/23/08	K0KCM1A2
		Dilution Factor: 1		Analysis Time..: 23:14	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8289320	MDL.....: 2.7	
Manganese	94.6	1.9	mg/kg	SW846 6010B	10/15-10/23/08	K0KCM1A3
		Dilution Factor: 1		Analysis Time..: 23:14	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8289320	MDL.....: 0.078	
Sodium	164 B J	636	mg/kg	SW846 6010B	10/15-10/23/08	K0KCM1A4
		Dilution Factor: 1		Analysis Time..: 23:14	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8289320	MDL.....: 18.5	
Nickel	8.6	5.1	mg/kg	SW846 6010B	10/15-10/23/08	K0KCM1A5
		Dilution Factor: 1		Analysis Time..: 23:14	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8289320	MDL.....: 0.18	
Lead	10.8	0.38	mg/kg	SW846 6010B	10/15-10/23/08	K0KCM1A6
		Dilution Factor: 1		Analysis Time..: 23:14	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8289320	MDL.....: 0.20	
Selenium	ND	0.64	mg/kg	SW846 6010B	10/15-10/23/08	K0KCM1AA
		Dilution Factor: 1		Analysis Time..: 23:14	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8289320	MDL.....: 0.22	
Thallium	ND	1.3	mg/kg	SW846 6010B	10/15-10/23/08	K0KCM1AC
		Dilution Factor: 1		Analysis Time..: 23:14	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8289320	MDL.....: 0.39	

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ENSR International

Client Sample ID: SB41(15-17)

TOTAL Metals

Lot-Sample #...: C8J100124-003 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	ND	1.3	mg/kg	SW846 6010B	10/15-10/23/08	K0KCM1AD
		Dilution Factor: 1		Analysis Time..: 23:14	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8289320	MDL.....: 0.27	
Vanadium	**12.4**	**6.4**	**mg/kg**	**SW846 6010B**	**10/15-10/23/08**	**K0KCM1AE**
		Dilution Factor: 1		Analysis Time..: 23:14	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8289320	MDL.....: 0.31	
Zinc	**30.2 J**	**2.5**	**mg/kg**	**SW846 6010B**	**10/15-10/23/08**	**K0KCM1AF**
		Dilution Factor: 1		Analysis Time..: 23:14	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8289320	MDL.....: 0.24	
Prep Batch #...: 8294184						
Mercury	**0.077**	**0.042**	**mg/kg**	**SW846 7471A**	**10/20/08**	**K0KCM1AG**
		Dilution Factor: 1		Analysis Time..: 16:05	Analyst ID.....: 401509	
		Instrument ID..: HGHYDRA		MS Run #.....: 8294107	MDL.....: 0.0032	

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.

ENSR International

Client Sample ID: SB4(20-22)

TOTAL Metals

Lot-Sample #...: C8J100124-004 Matrix.....: SO
Date Sampled...: 10/08/08 Date Received..: 10/09/08
% Moisture.....: 23

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8289530						
Silver	0.29 B J	0.65	mg/kg	SW846 6010B	10/15-10/23/08	K0KCQ1AM
		Dilution Factor: 1		Analysis Time..: 23:20	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8289320	MDL.....: 0.086	
Aluminum	5160	26.1	mg/kg	SW846 6010B	10/15-10/23/08	K0KCQ1AN
		Dilution Factor: 1		Analysis Time..: 23:20	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8289320	MDL.....: 3.1	
Arsenic	1.9	1.3	mg/kg	SW846 6010B	10/15-10/23/08	K0KCQ1AP
		Dilution Factor: 1		Analysis Time..: 23:20	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8289320	MDL.....: 0.38	
Barium	32.7	26.1	mg/kg	SW846 6010B	10/15-10/23/08	K0KCQ1AQ
		Dilution Factor: 1		Analysis Time..: 23:20	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8289320	MDL.....: 0.10	
Beryllium	~~0.43 B~~ 0.52 U	0.52	mg/kg	SW846 6010B	10/15-10/23/08	K0KCQ1AR
		Dilution Factor: 1		Analysis Time..: 23:20	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8289320	MDL.....: 0.020	
Calcium	24500 J	653	mg/kg	SW846 6010B	10/15-10/23/08	K0KCQ1AT
		Dilution Factor: 1		Analysis Time..: 23:20	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8289320	MDL.....: 2.2	
Cadmium	0.14 B J	0.65	mg/kg	SW846 6010B	10/15-10/23/08	K0KCQ1AU
		Dilution Factor: 1		Analysis Time..: 23:20	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8289320	MDL.....: 0.027	
Cobalt	5.4 B J	6.5	mg/kg	SW846 6010B	10/15-10/23/08	K0KCQ1AV
		Dilution Factor: 1		Analysis Time..: 23:20	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8289320	MDL.....: 0.11	
Chromium	8.5	0.65	mg/kg	SW846 6010B	10/15-10/23/08	K0KCQ1AW
		Dilution Factor: 1		Analysis Time..: 23:20	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8289320	MDL.....: 0.073	

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ENSR International

Client Sample ID: SB4(20-22)

TOTAL Metals

Lot-Sample #...: C8J100124-004 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Copper	10.7	3.3	mg/kg	SW846 6010B	10/15-10/23/08	K0KCQ1AX
		Dilution Factor: 1		Analysis Time..: 23:20	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8289320	MDL.....: 0.34	
Iron	13600 J	13.1	mg/kg	SW846 6010B	10/15-10/23/08	K0KCQ1A0
		Dilution Factor: 1		Analysis Time..: 23:20	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8289320	MDL.....: 1.7	
Potassium	917	653	mg/kg	SW846 6010B	10/15-10/23/08	K0KCQ1A1
		Dilution Factor: 1		Analysis Time..: 23:20	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8289320	MDL.....: 97.9	
Magnesium	8760	653	mg/kg	SW846 6010B	10/15-10/23/08	K0KCQ1A2
		Dilution Factor: 1		Analysis Time..: 23:20	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8289320	MDL.....: 2.7	
Manganese	954	2.0	mg/kg	SW846 6010B	10/15-10/23/08	K0KCQ1A3
		Dilution Factor: 1		Analysis Time..: 23:20	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8289320	MDL.....: 0.080	
Sodium	282 B J	653	mg/kg	SW846 6010B	10/15-10/23/08	K0KCQ1A4
		Dilution Factor: 1		Analysis Time..: 23:20	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8289320	MDL.....: 18.9	
Nickel	12.5	5.2	mg/kg	SW846 6010B	10/15-10/23/08	K0KCQ1A5
		Dilution Factor: 1		Analysis Time..: 23:20	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8289320	MDL.....: 0.19	
Lead	5.2	0.39	mg/kg	SW846 6010B	10/15-10/23/08	K0KCQ1A6
		Dilution Factor: 1		Analysis Time..: 23:20	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8289320	MDL.....: 0.20	
Selenium	ND	0.65	mg/kg	SW846 6010B	10/15-10/23/08	K0KCQ1AA
		Dilution Factor: 1		Analysis Time..: 23:20	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8289320	MDL.....: 0.23	
Thallium	ND	1.3	mg/kg	SW846 6010B	10/15-10/23/08	K0KCQ1AC
		Dilution Factor: 1		Analysis Time..: 23:20	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8289320	MDL.....: 0.40	

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ENSR International

Client Sample ID: SB4(20-22)

TOTAL Metals

Lot-Sample #...: C8J100124-004 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	ND	1.3	mg/kg	SW846 6010B	10/15-10/23/08	K0KCQ1AD
		Dilution Factor: 1		Analysis Time..: 23:20	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8289320	MDL.....: 0.28	
Vanadium	**15.6**	**6.5**	**mg/kg**	**SW846 6010B**	**10/15-10/23/08**	**K0KCQ1AE**
		Dilution Factor: 1		Analysis Time..: 23:20	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8289320	MDL.....: 0.32	
Zinc	**35.5 J**	**2.6**	**mg/kg**	**SW846 6010B**	**10/15-10/23/08**	**K0KCQ1AF**
		Dilution Factor: 1		Analysis Time..: 23:20	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8289320	MDL.....: 0.24	
Prep Batch #...: 8294184						
Mercury	ND U J	0.043	mg/kg	SW846 7471A	10/20/08	K0KCQ1AG
		Dilution Factor: 1		Analysis Time..: 16:06	Analyst ID.....: 401509	
		Instrument ID..: HGHYDRA		MS Run #.....: 8294107	MDL.....: 0.0033	

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.

ENSR International

Client Sample ID: SB40(14-16)

TOTAL Metals

Lot-Sample #...: C8J110134-001 Matrix.....: SO
Date Sampled...: 10/09/08 Date Received..: 10/11/08
% Moisture.....: 17

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8290475						
Silver	ND	0.60	mg/kg	SW846 6010B	10/16-10/17/08	K0NCF1AE
		Dilution Factor: 1		Analysis Time..: 09:23	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8290342	MDL.....: 0.080	
Aluminum	**2490**	**24.1**	**mg/kg**	**SW846 6010B**	**10/16-10/17/08**	**K0NCF1AF**
		Dilution Factor: 1		Analysis Time..: 09:23	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8290342	MDL.....: 2.9	
Arsenic	**0.58 B J**	**1.2**	**mg/kg**	**SW846 6010B**	**10/16-10/17/08**	**K0NCF1AG**
		Dilution Factor: 1		Analysis Time..: 09:23	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8290342	MDL.....: 0.35	
Barium	**9.2 B J**	**24.1**	**mg/kg**	**SW846 6010B**	**10/16-10/17/08**	**K0NCF1AH**
		Dilution Factor: 1		Analysis Time..: 09:23	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8290342	MDL.....: 0.095	
Beryllium	~~0.23 B~~ 0.48 U	**0.48**	**mg/kg**	**SW846 6010B**	**10/16-10/17/08**	**K0NCF1AJ**
		Dilution Factor: 1		Analysis Time..: 09:23	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8290342	MDL.....: 0.018	
Calcium	**1270 J**	**603**	**mg/kg**	**SW846 6010B**	**10/16-10/17/08**	**K0NCF1AK**
		Dilution Factor: 1		Analysis Time..: 09:23	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8290342	MDL.....: 2.0	
Cadmium	ND	0.60	mg/kg	SW846 6010B	10/16-10/17/08	K0NCF1AL
		Dilution Factor: 1		Analysis Time..: 09:23	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8290342	MDL.....: 0.025	
Cobalt	**2.7 B J**	**6.0**	**mg/kg**	**SW846 6010B**	**10/16-10/17/08**	**K0NCF1AM**
		Dilution Factor: 1		Analysis Time..: 09:23	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8290342	MDL.....: 0.098	
Chromium	**4.0**	**0.60**	**mg/kg**	**SW846 6010B**	**10/16-10/17/08**	**K0NCF1AN**
		Dilution Factor: 1		Analysis Time..: 09:23	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8290342	MDL.....: 0.068	

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ENSR International

Client Sample ID: SB40(14-16)

TOTAL Metals

Lot-Sample #...: C8J110134-001 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Copper	5.6	3.0	mg/kg	SW846 6010B	10/16-10/17/08	K0NCF1AP
		Dilution Factor: 1		Analysis Time..: 09:23	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8290342	MDL.....: 0.32	
Iron	8210 J	12.1	mg/kg	SW846 6010B	10/16-10/17/08	K0NCF1AQ
		Dilution Factor: 1		Analysis Time..: 09:23	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8290342	MDL.....: 1.6	
Potassium	417 B J	603	mg/kg	SW846 6010B	10/16-10/17/08	K0NCF1AR
		Dilution Factor: 1		Analysis Time..: 09:23	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8290342	MDL.....: 90.4	
Magnesium	1040	603	mg/kg	SW846 6010B	10/16-10/17/08	K0NCF1AT
		Dilution Factor: 1		Analysis Time..: 09:23	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8290342	MDL.....: 2.5	
Manganese	62.0	1.8	mg/kg	SW846 6010B	10/16-10/17/08	K0NCF1AU
		Dilution Factor: 1		Analysis Time..: 09:23	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8290342	MDL.....: 0.074	
Sodium	113 B J	603	mg/kg	SW846 6010B	10/16-10/17/08	K0NCF1AV
		Dilution Factor: 1		Analysis Time..: 09:23	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8290342	MDL.....: 17.5	
Nickel	6.0	4.8	mg/kg	SW846 6010B	10/16-10/17/08	K0NCF1AW
		Dilution Factor: 1		Analysis Time..: 09:23	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8290342	MDL.....: 0.17	
Lead	2.8	0.36	mg/kg	SW846 6010B	10/16-10/17/08	K0NCF1AX
		Dilution Factor: 1		Analysis Time..: 09:23	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8290342	MDL.....: 0.19	
Selenium	0.25 B J	0.60	mg/kg	SW846 6010B	10/16-10/17/08	K0NCF1A0
		Dilution Factor: 1		Analysis Time..: 09:23	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8290342	MDL.....: 0.21	
Thallium	ND	1.2	mg/kg	SW846 6010B	10/16-10/17/08	K0NCF1A1
		Dilution Factor: 1		Analysis Time..: 09:23	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8290342	MDL.....: 0.37	

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ENSR International

Client Sample ID: SB40(14-16)

TOTAL Metals

Lot-Sample #...: C8J110134-001 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	0.40 B J	1.2	mg/kg	SW846 6010B	10/16-10/17/08	K0NCF1A2
		Dilution Factor: 1		Analysis Time..: 09:23	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8290342	MDL.....: 0.25	
Vanadium	10	6.0	mg/kg	SW846 6010B	10/16-10/17/08	K0NCF1A3
		Dilution Factor: 1		Analysis Time..: 09:23	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8290342	MDL.....: 0.29	
Zinc	20.0 J	2.4	mg/kg	SW846 6010B	10/16-10/17/08	K0NCF1A4
		Dilution Factor: 1		Analysis Time..: 09:23	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8290342	MDL.....: 0.22	
Prep Batch #...: 8297017						
Mercury	ND	0.040	mg/kg	SW846 7471A	10/23/08	K0NCF1A5
		Dilution Factor: 1		Analysis Time..: 08:27	Analyst ID.....: 031043	
		Instrument ID..: HGHYDRA		MS Run #.....: 8297009	MDL.....: 0.0030	

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.

ENSR International

Client Sample ID: SB40(50-52)

TOTAL Metals

Lot-Sample #...: C8J110134-002 Matrix.....: SO
Date Sampled...: 10/09/08 Date Received..: 10/11/08
% Moisture.....: 16

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8290475						
Silver	ND	0.59	mg/kg	SW846 6010B	10/16-10/17/08	K0NCP1AM
		Dilution Factor: 1		Analysis Time..: 09:28	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8290342	MDL.....: 0.079	
Aluminum	**2850**	**23.8**	**mg/kg**	**SW846 6010B**	**10/16-10/17/08**	**K0NCP1AN**
		Dilution Factor: 1		Analysis Time..: 09:28	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8290342	MDL.....: 2.9	
Arsenic	**2.2**	**1.2**	**mg/kg**	**SW846 6010B**	**10/16-10/17/08**	**K0NCP1AP**
		Dilution Factor: 1		Analysis Time..: 09:28	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8290342	MDL.....: 0.34	
Barium	**16.0 B J**	**23.8**	**mg/kg**	**SW846 6010B**	**10/16-10/17/08**	**K0NCP1AQ**
		Dilution Factor: 1		Analysis Time..: 09:28	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8290342	MDL.....: 0.094	
Beryllium	~~0.25 B~~ 0.48 U	**0.48**	**mg/kg**	**SW846 6010B**	**10/16-10/17/08**	**K0NCP1AR**
		Dilution Factor: 1		Analysis Time..: 09:28	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8290342	MDL.....: 0.018	
Calcium	**32800 J**	**595**	**mg/kg**	**SW846 6010B**	**10/16-10/17/08**	**K0NCP1AT**
		Dilution Factor: 1		Analysis Time..: 09:28	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8290342	MDL.....: 2.0	
Cadmium	**0.044 B J**	**0.59**	**mg/kg**	**SW846 6010B**	**10/16-10/17/08**	**K0NCP1AU**
		Dilution Factor: 1		Analysis Time..: 09:28	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8290342	MDL.....: 0.025	
Cobalt	**2.8 B J**	**5.9**	**mg/kg**	**SW846 6010B**	**10/16-10/17/08**	**K0NCP1AV**
		Dilution Factor: 1		Analysis Time..: 09:28	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8290342	MDL.....: 0.096	
Chromium	**5.4**	**0.59**	**mg/kg**	**SW846 6010B**	**10/16-10/17/08**	**K0NCP1AW**
		Dilution Factor: 1		Analysis Time..: 09:28	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8290342	MDL.....: 0.067	

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ENSR International

Client Sample ID: SB40(50-52)

TOTAL Metals

Lot-Sample #...: C8J110134-002 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Copper	7.1	3.0	mg/kg	SW846 6010B	10/16-10/17/08	K0NCP1AX
		Dilution Factor: 1		Analysis Time..: 09:28	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8290342	MDL.....: 0.31	
Iron	10000 J	11.9	mg/kg	SW846 6010B	10/16-10/17/08	K0NCP1A0
		Dilution Factor: 1		Analysis Time..: 09:28	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8290342	MDL.....: 1.5	
Potassium	479 B J	595	mg/kg	SW846 6010B	10/16-10/17/08	K0NCP1A1
		Dilution Factor: 1		Analysis Time..: 09:28	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8290342	MDL.....: 89.2	
Magnesium	4630	595	mg/kg	SW846 6010B	10/16-10/17/08	K0NCP1A2
		Dilution Factor: 1		Analysis Time..: 09:28	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8290342	MDL.....: 2.5	
Manganese	168	1.8	mg/kg	SW846 6010B	10/16-10/17/08	K0NCP1A3
		Dilution Factor: 1		Analysis Time..: 09:28	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8290342	MDL.....: 0.073	
Sodium	40.0 B J	595	mg/kg	SW846 6010B	10/16-10/17/08	K0NCP1A4
		Dilution Factor: 1		Analysis Time..: 09:28	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8290342	MDL.....: 17.3	
Nickel	6.4	4.8	mg/kg	SW846 6010B	10/16-10/17/08	K0NCP1A5
		Dilution Factor: 1		Analysis Time..: 09:28	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8290342	MDL.....: 0.17	
Lead	2.9	0.36	mg/kg	SW846 6010B	10/16-10/17/08	K0NCP1A6
		Dilution Factor: 1		Analysis Time..: 09:28	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8290342	MDL.....: 0.19	
Selenium	0.26 B J	0.59	mg/kg	SW846 6010B	10/16-10/17/08	K0NCP1AA
		Dilution Factor: 1		Analysis Time..: 09:28	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8290342	MDL.....: 0.21	
Thallium	ND	1.2	mg/kg	SW846 6010B	10/16-10/17/08	K0NCP1AC
		Dilution Factor: 1		Analysis Time..: 09:28	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8290342	MDL.....: 0.37	

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KNSR International

Client Sample ID: SB40(50-52)

TOTAL Metals

Lot-Sample #...: C8J110134-002 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	ND	1.2	mg/kg	SW846 6010B	10/16-10/17/08	K0NCP1AD
		Dilution Factor: 1		Analysis Time..: 09:28	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8290342	MDL.....: 0.25	
Vanadium	**13.3**	**5.9**	**mg/kg**	**SW846 6010B**	**10/16-10/17/08**	**K0NCP1AE**
		Dilution Factor: 1		Analysis Time..: 09:28	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8290342	MDL.....: 0.29	
Zinc	**21.2 J**	**2.4**	**mg/kg**	**SW846 6010B**	**10/16-10/17/08**	**K0NCP1AF**
		Dilution Factor: 1		Analysis Time..: 09:28	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8290342	MDL.....: 0.22	
Prep Batch #...: 8297017						
Mercury	ND	0.039	mg/kg	SW846 7471A	10/23/08	K0NCP1AG
		Dilution Factor: 1		Analysis Time..: 08:32	Analyst ID.....: 031043	
		Instrument ID..: HGHYDRA		MS Run #.....: 8297009	MDL.....: 0.0030	

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.

ENSR International

Client Sample ID: SB36(10-12)

TOTAL Metals

Lot-Sample #...: C8J110134-003 Matrix.....: SO
Date Sampled...: 10/09/08 Date Received..: 10/11/08
% Moisture.....: 20

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8290475						
Silver	ND	0.63	mg/kg	SW846 6010B	10/16-10/17/08	K0NCR1AM
		Dilution Factor: 1		Analysis Time..: 09:34	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8290342	MDL.....: 0.083	
Aluminum	**4720**	**25.1**	**mg/kg**	**SW846 6010B**	**10/16-10/17/08**	**K0NCR1AN**
		Dilution Factor: 1		Analysis Time..: 09:34	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8290342	MDL.....: 3.0	
Arsenic	**3.7**	**1.3**	**mg/kg**	**SW846 6010B**	**10/16-10/17/08**	**K0NCR1AP**
		Dilution Factor: 1		Analysis Time..: 09:34	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8290342	MDL.....: 0.36	
Barium	**27.9**	**25.1**	**mg/kg**	**SW846 6010B**	**10/16-10/17/08**	**K0NCR1AQ**
		Dilution Factor: 1		Analysis Time..: 09:34	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8290342	MDL.....: 0.099	
Beryllium	~~0.39 B~~ 0.500	**0.50**	**mg/kg**	**SW846 6010B**	**10/16-10/17/08**	**K0NCR1AR**
		Dilution Factor: 1		Analysis Time..: 09:34	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8290342	MDL.....: 0.019	
Calcium	**1500 J**	**627**	**mg/kg**	**SW846 6010B**	**10/16-10/17/08**	**K0NCR1AT**
		Dilution Factor: 1		Analysis Time..: 09:34	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8290342	MDL.....: 2.1	
Cadmium	ND	0.63	mg/kg	SW846 6010B	10/16-10/17/08	K0NCR1AU
		Dilution Factor: 1		Analysis Time..: 09:34	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8290342	MDL.....: 0.026	
Cobalt	**4.5 B J**	**6.3**	**mg/kg**	**SW846 6010B**	**10/16-10/17/08**	**K0NCR1AV**
		Dilution Factor: 1		Analysis Time..: 09:34	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8290342	MDL.....: 0.10	
Chromium	**6.6**	**0.63**	**mg/kg**	**SW846 6010B**	**10/16-10/17/08**	**K0NCR1AW**
		Dilution Factor: 1		Analysis Time..: 09:34	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8290342	MDL.....: 0.070	

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ENSR International

Client Sample ID: SB36(10-12)

TOTAL Metals

Lot-Sample #...: C8J110134-003 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Copper	9.3	3.1	mg/kg	SW846 6010B	10/16-10/17/08	K0NCR1AX
		Dilution Factor: 1		Analysis Time..: 09:34	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8290342	MDL.....: 0.33	
Iron	12100 J	12.5	mg/kg	SW846 6010B	10/16-10/17/08	K0NCR1A0
		Dilution Factor: 1		Analysis Time..: 09:34	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8290342	MDL.....: 1.6	
Potassium	802	627	mg/kg	SW846 6010B	10/16-10/17/08	K0NCR1A1
		Dilution Factor: 1		Analysis Time..: 09:34	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8290342	MDL.....: 94.0	
Magnesium	1800	627	mg/kg	SW846 6010B	10/16-10/17/08	K0NCR1A2
		Dilution Factor: 1		Analysis Time..: 09:34	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8290342	MDL.....: 2.6	
Manganese	76.0	1.9	mg/kg	SW846 6010B	10/16-10/17/08	K0NCR1A3
		Dilution Factor: 1		Analysis Time..: 09:34	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8290342	MDL.....: 0.076	
Sodium	56.9 B J	627	mg/kg	SW846 6010B	10/16-10/17/08	K0NCR1A4
		Dilution Factor: 1		Analysis Time..: 09:34	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8290342	MDL.....: 18.2	
Nickel	9.0	5.0	mg/kg	SW846 6010B	10/16-10/17/08	K0NCR1A5
		Dilution Factor: 1		Analysis Time..: 09:34	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8290342	MDL.....: 0.18	
Lead	4.3	0.38	mg/kg	SW846 6010B	10/16-10/17/08	K0NCR1A6
		Dilution Factor: 1		Analysis Time..: 09:34	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8290342	MDL.....: 0.20	
Selenium	0.23 B J	0.63	mg/kg	SW846 6010B	10/16-10/17/08	K0NCR1AA
		Dilution Factor: 1		Analysis Time..: 09:34	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8290342	MDL.....: 0.22	
Thallium	ND	1.3	mg/kg	SW846 6010B	10/16-10/17/08	K0NCR1AC
		Dilution Factor: 1		Analysis Time..: 09:34	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8290342	MDL.....: 0.39	

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ENSR International

Client Sample ID: SB36(10-12)

TOTAL Metals

Lot-Sample #...: C8J110134-003 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	ND	1.3	mg/kg	SW846 6010B	10/16-10/17/08	K0NCR1AD
		Dilution Factor: 1		Analysis Time..: 09:34	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8290342	MDL.....: 0.26	
Vanadium	**14.4**	**6.3**	**mg/kg**	**SW846 6010B**	**10/16-10/17/08**	**K0NCR1AE**
		Dilution Factor: 1		Analysis Time..: 09:34	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8290342	MDL.....: 0.30	
Zinc	**28.0 J**	**2.5**	**mg/kg**	**SW846 6010B**	**10/16-10/17/08**	**K0NCR1AF**
		Dilution Factor: 1		Analysis Time..: 09:34	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8290342	MDL.....: 0.23	
Prep Batch #...: 8297017						
Mercury	**0.015 B J**	**0.041**	**mg/kg**	**SW846 7471A**	**10/23/08**	**K0NCR1AG**
		Dilution Factor: 1		Analysis Time..: 08:34	Analyst ID.....: 031043	
		Instrument ID..: HGHYDRA		MS Run #.....: 8297009	MDL.....: 0.0031	

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.

ENSR International

Client Sample ID: SB36(17.5-20)

TOTAL Metals

Lot-Sample #...: C8J160275-001 Matrix.....: SO
Date Sampled...: 10/13/08 Date Received..: 10/16/08
% Moisture.....: 17

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8296214						
Silver	ND	0.60	mg/kg	SW846 6010B	10/22-11/02/08	K017P1AE
		Dilution Factor: 1		Analysis Time..: 20:49	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8296135	MDL.....: 0.079	
Aluminum	**4190 J**	**24.0**	**mg/kg**	**SW846 6010B**	**10/22-11/02/08**	**K017P1AF**
		Dilution Factor: 1		Analysis Time..: 20:49	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8296135	MDL.....: 2.9	
Arsenic	**2.2**	**1.2**	**mg/kg**	**SW846 6010B**	**10/22-11/02/08**	**K017P1AG**
		Dilution Factor: 1		Analysis Time..: 20:49	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8296135	MDL.....: 0.35	
Barium	**24.0 J**	**24.0**	**mg/kg**	**SW846 6010B**	**10/22-11/02/08**	**K017P1AH**
		Dilution Factor: 1		Analysis Time..: 20:49	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8296135	MDL.....: 0.095	
Beryllium	**0.48 J**	**0.48**	**mg/kg**	**SW846 6010B**	**10/22-11/02/08**	**K017P1AJ**
		Dilution Factor: 1		Analysis Time..: 20:49	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8296135	MDL.....: 0.018	
Calcium	**1860 J**	**599**	**mg/kg**	**SW846 6010B**	**10/22-11/02/08**	**K017P1AK**
		Dilution Factor: 1		Analysis Time..: 20:49	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8296135	MDL.....: 2.0	
Cadmium	~~0.10 B,J~~ 0.60U	**0.60**	**mg/kg**	**SW846 6010B**	**10/22-11/02/08**	**K017P1AL**
		Dilution Factor: 1		Analysis Time..: 20:49	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8296135	MDL.....: 0.025	
Cobalt	**4.1 B J**	**6.0**	**mg/kg**	**SW846 6010B**	**10/22-11/02/08**	**K017P1AM**
		Dilution Factor: 1		Analysis Time..: 20:49	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8296135	MDL.....: 0.097	
Copper	**10.3**	**3.0**	**mg/kg**	**SW846 6010B**	**10/22-11/02/08**	**K017P1AP**
		Dilution Factor: 1		Analysis Time..: 20:49	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8296135	MDL.....: 0.32	

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ENSR International

Client Sample ID: SB36(17.5-20)

TOTAL Metals

Lot-Sample #...: C8J160275-001 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Iron	11400 J	12.0	mg/kg	SW846 6010B	10/22-11/02/08	K017P1AQ
		Dilution Factor: 1		Analysis Time..: 20:49	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8296135	MDL.....: 1.5	
Potassium	723	599	mg/kg	SW846 6010B	10/22-11/02/08	K017P1AR
		Dilution Factor: 1		Analysis Time..: 20:49	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8296135	MDL.....: 89.9	
Magnesium	1770 J	599	mg/kg	SW846 6010B	10/22-11/02/08	K017P1AT
		Dilution Factor: 1		Analysis Time..: 20:49	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8296135	MDL.....: 2.5	
Manganese	94.3	1.8	mg/kg	SW846 6010B	10/22-11/02/08	K017P1AU
		Dilution Factor: 1		Analysis Time..: 20:49	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8296135	MDL.....: 0.073	
Sodium	81.1 B J	599	mg/kg	SW846 6010B	10/22-11/02/08	K017P1AV
		Dilution Factor: 1		Analysis Time..: 20:49	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8296135	MDL.....: 17.4	
Nickel	9.6 J	4.8	mg/kg	SW846 6010B	10/22-11/02/08	K017P1AW
		Dilution Factor: 1		Analysis Time..: 20:49	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8296135	MDL.....: 0.17	
Lead	4.3	0.36	mg/kg	SW846 6010B	10/22-11/02/08	K017P1AX
		Dilution Factor: 1		Analysis Time..: 20:49	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8296135	MDL.....: 0.19	
Selenium	ND	0.60	mg/kg	SW846 6010B	10/22-11/02/08	K017P1A0
		Dilution Factor: 1		Analysis Time..: 20:49	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8296135	MDL.....: 0.21	
Thallium	ND	1.2	mg/kg	SW846 6010B	10/22-11/02/08	K017P1A1
		Dilution Factor: 1		Analysis Time..: 20:49	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8296135	MDL.....: 0.37	
Antimony	ND UJ	1.2	mg/kg	SW846 6010B	10/22-11/02/08	K017P1A2
		Dilution Factor: 1		Analysis Time..: 20:49	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8296135	MDL.....: 0.25	

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ENSR International

Client Sample ID: SB36(17.5-20)

TOTAL Metals

Lot-Sample #...: C8J160275-001 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Vanadium	13.2	6.0	mg/kg	SW846 6010B	10/22-11/02/08	K017P1A3
		Dilution Factor: 1		Analysis Time..: 20:49	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8296135	MDL.....: 0.29	
Zinc	27.6 J,E	2.4	mg/kg	SW846 6010B	10/22-11/02/08	K017P1A4
		Dilution Factor: 1		Analysis Time..: 20:49	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8296135	MDL.....: 0.22	
Prep Batch #...: 8303021						
Mercury	~~0.0090 B,J~~ 0.040 U	0.040	mg/kg	SW846 7471A	10/29/08	K017P1A5
		Dilution Factor: 1		Analysis Time..: 08:49	Analyst ID.....: 031043	
		Instrument ID..: HGHYDRA		MS Run #.....: 8303010	MDL.....: 0.0030	
Prep Batch #...: 8309177						
Chromium	7.1	0.60	mg/kg	SW846 6010B	11/04-11/06/08	K017P1AN
		Dilution Factor: 1		Analysis Time..: 14:34	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8309109	MDL.....: 0.067	

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.~~

~~E Matrix interference.~~

ENSR International

Client Sample ID: SB36(32.5-35)

TOTAL Metals

Lot-Sample #...: C8J160275-002 Matrix.....: SO
Date Sampled...: 10/13/08 Date Received..: 10/16/08
% Moisture.....: 14

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8296214						
Silver	~~0.088 B,J~~ 0.58 U	0.58	mg/kg	SW846 6010B	10/22-11/02/08	K017T1AM
		Dilution Factor: 1		Analysis Time..: 21:22	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8296135	MDL.....: 0.077	
Aluminum	2800 J	23.2	mg/kg	SW846 6010B	10/22-11/02/08	K017T1AN
		Dilution Factor: 1		Analysis Time..: 21:22	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8296135	MDL.....: 2.8	
Arsenic	4.2	1.2	mg/kg	SW846 6010B	10/22-11/02/08	K017T1AP
		Dilution Factor: 1		Analysis Time..: 21:22	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8296135	MDL.....: 0.34	
Barium	~~16.7 B,J~~ 23.2 U	23.2	mg/kg	SW846 6010B	10/22-11/02/08	K017T1AQ
		Dilution Factor: 1		Analysis Time..: 21:22	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8296135	MDL.....: 0.092	
Beryllium	~~0.37 B,J~~ 0.46 U	0.46	mg/kg	SW846 6010B	10/22-11/02/08	K017T1AR
		Dilution Factor: 1		Analysis Time..: 21:22	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8296135	MDL.....: 0.017	
Calcium	1070 J	580	mg/kg	SW846 6010B	10/22-11/02/08	K017T1AT
		Dilution Factor: 1		Analysis Time..: 21:22	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8296135	MDL.....: 2.0	
Cadmium	~~0.074 B,J~~ 0.58 U	0.58	mg/kg	SW846 6010B	10/22-11/02/08	K017T1AU
		Dilution Factor: 1		Analysis Time..: 21:22	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8296135	MDL.....: 0.024	
Cobalt	2.6 B J	5.8	mg/kg	SW846 6010B	10/22-11/02/08	K017T1AV
		Dilution Factor: 1		Analysis Time..: 21:22	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8296135	MDL.....: 0.094	
Copper	6.5	2.9	mg/kg	SW846 6010B	10/22-11/02/08	K017T1AX
		Dilution Factor: 1		Analysis Time..: 21:22	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8296135	MDL.....: 0.31	

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ENSR International

Client Sample ID: SB36(32.5-35)

TOTAL Metals

Lot-Sample #...: C8J160275-002 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Iron	8610 J	11.6	mg/kg	SW846 6010B	10/22-11/02/08	K017T1A0
		Dilution Factor: 1		Analysis Time..: 21:22	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8296135	MDL.....: 1.5	
Potassium	478 B J	580	mg/kg	SW846 6010B	10/22-11/02/08	K017T1A1
		Dilution Factor: 1		Analysis Time..: 21:22	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8296135	MDL.....: 87.0	
Magnesium	1240 J	580	mg/kg	SW846 6010B	10/22-11/02/08	K017T1A2
		Dilution Factor: 1		Analysis Time..: 21:22	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8296135	MDL.....: 2.4	
Manganese	145	1.7	mg/kg	SW846 6010B	10/22-11/02/08	K017T1A3
		Dilution Factor: 1		Analysis Time..: 21:22	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8296135	MDL.....: 0.071	
Sodium	74.2 B J	580	mg/kg	SW846 6010B	10/22-11/02/08	K017T1A4
		Dilution Factor: 1		Analysis Time..: 21:22	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8296135	MDL.....: 16.8	
Nickel	6.0 J	4.6	mg/kg	SW846 6010B	10/22-11/02/08	K017T1A5
		Dilution Factor: 1		Analysis Time..: 21:22	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8296135	MDL.....: 0.17	
Lead	2.6	0.35	mg/kg	SW846 6010B	10/22-11/02/08	K017T1A6
		Dilution Factor: 1		Analysis Time..: 21:22	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8296135	MDL.....: 0.18	
Selenium	ND	0.58	mg/kg	SW846 6010B	10/22-11/02/08	K017T1AA
		Dilution Factor: 1		Analysis Time..: 21:22	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8296135	MDL.....: 0.20	
Thallium	ND	1.2	mg/kg	SW846 6010B	10/22-11/02/08	K017T1AC
		Dilution Factor: 1		Analysis Time..: 21:22	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8296135	MDL.....: 0.36	
Antimony	ND UJ	1.2	mg/kg	SW846 6010B	10/22-11/02/08	K017T1AD
		Dilution Factor: 1		Analysis Time..: 21:22	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8296135	MDL.....: 0.24	

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ENSR International

Client Sample ID: SB36(32.5-35)

TOTAL Metals

Lot-Sample #...: C8J160275-002 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Vanadium	10.5	5.8	mg/kg	SW846 6010B	10/22-11/02/08	K017T1AE
		Dilution Factor: 1		Analysis Time..: 21:22	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8296135	MDL.....: 0.28	
Zinc	19.8 J	2.3	mg/kg	SW846 6010B	10/22-11/02/08	K017T1AF
		Dilution Factor: 1		Analysis Time..: 21:22	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8296135	MDL.....: 0.21	
Prep Batch #...: 8303021						
Mercury	~~0.015 B,J~~ 0.033 U	0.038	mg/kg	SW846 7471A	10/29/08	K017T1AG
		Dilution Factor: 1		Analysis Time..: 08:50	Analyst ID.....: 031043	
		Instrument ID..: HGHYDRA		MS Run #.....: 8303010	MDL.....: 0.0029	
Prep Batch #...: 8309177						
Chromium	5.0	0.58	mg/kg	SW846 6010B	11/04-11/06/08	K017T1AW
		Dilution Factor: 1		Analysis Time..: 14:56	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8309109	MDL.....: 0.065	

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.

ENSR International

Client Sample ID: SB37(11-12)

TOTAL Metals

Lot-Sample #...: C8J160275-003 Matrix.....: SO
Date Sampled...: 10/13/08 Date Received..: 10/16/08
% Moisture.....: 22

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8296214						
Silver	ND	0.64	mg/kg	SW846 6010B	10/22-11/02/08	K017V1AM
		Dilution Factor: 1		Analysis Time..: 21:27	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8296135	MDL.....: 0.084	
Aluminum	**3670 J**	**25.6**	**mg/kg**	**SW846 6010B**	**10/22-11/02/08**	**K017V1AN**
		Dilution Factor: 1		Analysis Time..: 21:27	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8296135	MDL.....: 3.1	
Arsenic	**2.0**	**1.3**	**mg/kg**	**SW846 6010B**	**10/22-11/02/08**	**K017V1AP**
		Dilution Factor: 1		Analysis Time..: 21:27	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8296135	MDL.....: 0.37	
Barium	~~18.8 B,J~~ 25.6 U	**25.6**	**mg/kg**	**SW846 6010B**	**10/22-11/02/08**	**K017V1AQ**
		Dilution Factor: 1		Analysis Time..: 21:27	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8296135	MDL.....: 0.10	
Beryllium	~~0.45 B,J~~ 0.51 U	**0.51**	**mg/kg**	**SW846 6010B**	**10/22-11/02/08**	**K017V1AR**
		Dilution Factor: 1		Analysis Time..: 21:27	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8296135	MDL.....: 0.019	
Calcium	**1370 J**	**640**	**mg/kg**	**SW846 6010B**	**10/22-11/02/08**	**K017V1AT**
		Dilution Factor: 1		Analysis Time..: 21:27	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8296135	MDL.....: 2.2	
Cadmium	~~0.060 B,J~~ 0.64 U	**0.64**	**mg/kg**	**SW846 6010B**	**10/22-11/02/08**	**K017V1AU**
		Dilution Factor: 1		Analysis Time..: 21:27	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8296135	MDL.....: 0.027	
Cobalt	**3.9 B J**	**6.4**	**mg/kg**	**SW846 6010B**	**10/22-11/02/08**	**K017V1AV**
		Dilution Factor: 1		Analysis Time..: 21:27	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8296135	MDL.....: 0.10	
Copper	**5.9**	**3.2**	**mg/kg**	**SW846 6010B**	**10/22-11/02/08**	**K017V1AX**
		Dilution Factor: 1		Analysis Time..: 21:27	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8296135	MDL.....: 0.34	

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ENSR International

Client Sample ID: SB37(11-12)

TOTAL Metals

Lot-Sample #...: C8J160275-003 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Iron	9480 ~~J~~	12.8	mg/kg	SW846 6010B	10/22-11/02/08	K017V1A0
		Dilution Factor: 1		Analysis Time..: 21:27	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8296135	MDL.....: 1.6	
Potassium	592 ~~B~~ J	640	mg/kg	SW846 6010B	10/22-11/02/08	K017V1A1
		Dilution Factor: 1		Analysis Time..: 21:27	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8296135	MDL.....: 96.0	
Magnesium	1350 ~~J~~	640	mg/kg	SW846 6010B	10/22-11/02/08	K017V1A2
		Dilution Factor: 1		Analysis Time..: 21:27	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8296135	MDL.....: 2.7	
Manganese	121	1.9	mg/kg	SW846 6010B	10/22-11/02/08	K017V1A3
		Dilution Factor: 1		Analysis Time..: 21:27	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8296135	MDL.....: 0.078	
Sodium	291 ~~B~~ J	640	mg/kg	SW846 6010B	10/22-11/02/08	K017V1A4
		Dilution Factor: 1		Analysis Time..: 21:27	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8296135	MDL.....: 18.6	
Nickel	10.9 ~~J~~	5.1	mg/kg	SW846 6010B	10/22-11/02/08	K017V1A5
		Dilution Factor: 1		Analysis Time..: 21:27	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8296135	MDL.....: 0.18	
Lead	4.5	0.38	mg/kg	SW846 6010B	10/22-11/02/08	K017V1A6
		Dilution Factor: 1		Analysis Time..: 21:27	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8296135	MDL.....: 0.20	
Selenium	0.31 ~~B~~ J	0.64	mg/kg	SW846 6010B	10/22-11/02/08	K017V1AA
		Dilution Factor: 1		Analysis Time..: 21:27	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8296135	MDL.....: 0.22	
Thallium	ND	1.3	mg/kg	SW846 6010B	10/22-11/02/08	K017V1AC
		Dilution Factor: 1		Analysis Time..: 21:27	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8296135	MDL.....: 0.39	
Antimony	ND UJ	1.3	mg/kg	SW846 6010B	10/22-11/02/08	K017V1AD
		Dilution Factor: 1		Analysis Time..: 21:27	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8296135	MDL.....: 0.27	

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ENSR International

Client Sample ID: SB37(11-12)

TOTAL Metals

Lot-Sample #...: C8J160275-003 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Vanadium	**12.7**	**6.4**	**mg/kg**	**SW846 6010B**	**10/22-11/02/08**	**K017V1AE**
		Dilution Factor: 1		Analysis Time..: 21:27	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8296135	MDL.....: 0.31	
Zinc	**20.8 J**	**2.6**	**mg/kg**	**SW846 6010B**	**10/22-11/02/08**	**K017V1AF**
		Dilution Factor: 1		Analysis Time..: 21:27	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8296135	MDL.....: 0.24	
Prep Batch #...: 8303021						
Mercury	~~0.0081 B,J~~ 0.042	**0.042**	**mg/kg**	**SW846 7471A**	**10/29/08**	**K017V1AG**
		Dilution Factor: 1		Analysis Time..: 08:59	Analyst ID.....: 031043	
		Instrument ID..: HGHYDRA		MS Run #.....: 8303010	MDL.....: 0.0032	
Prep Batch #...: 8309177						
Chromium	**5.6**	**0.64**	**mg/kg**	**SW846 6010B**	**11/04-11/06/08**	**K017V1AW**
		Dilution Factor: 1		Analysis Time..: 15:02	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8309109	MDL.....: 0.072	

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.~~

ENSR International

Client Sample ID: SB37(57.6-60)

TOTAL Metals

Lot-Sample #...: C8J160275-004 Matrix.....: SO
Date Sampled...: 10/14/08 Date Received..: 10/16/08
% Moisture.....: 17

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8296214						
Silver	~~0.13 B,J~~ 0.60U	0.60	mg/kg	SW846 6010B	10/22-11/02/08	K017W1AM
		Dilution Factor: 1		Analysis Time..: 21:33	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8296135	MDL.....: 0.079	
Aluminum	4170 J	24.0	mg/kg	SW846 6010B	10/22-11/02/08	K017W1AN
		Dilution Factor: 1		Analysis Time..: 21:33	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8296135	MDL.....: 2.9	
Arsenic	2.8	1.2	mg/kg	SW846 6010B	10/22-11/02/08	K017W1AP
		Dilution Factor: 1		Analysis Time..: 21:33	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8296135	MDL.....: 0.35	
Barium	30.0 J	24.0	mg/kg	SW846 6010B	10/22-11/02/08	K017W1AQ
		Dilution Factor: 1		Analysis Time..: 21:33	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8296135	MDL.....: 0.095	
Beryllium	0.49 J	0.48	mg/kg	SW846 6010B	10/22-11/02/08	K017W1AR
		Dilution Factor: 1		Analysis Time..: 21:33	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8296135	MDL.....: 0.018	
Calcium	25700 J	601	mg/kg	SW846 6010B	10/22-11/02/08	K017W1AT
		Dilution Factor: 1		Analysis Time..: 21:33	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8296135	MDL.....: 2.0	
Cadmium	~~0.14 B,J~~ 0.60U	0.60	mg/kg	SW846 6010B	10/22-11/02/08	K017W1AU
		Dilution Factor: 1		Analysis Time..: 21:33	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8296135	MDL.....: 0.025	
Cobalt	4.3 B J	6.0	mg/kg	SW846 6010B	10/22-11/02/08	K017W1AV
		Dilution Factor: 1		Analysis Time..: 21:33	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8296135	MDL.....: 0.097	
Copper	9.7	3.0	mg/kg	SW846 6010B	10/22-11/02/08	K017W1AX
		Dilution Factor: 1		Analysis Time..: 21:33	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8296135	MDL.....: 0.32	

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ENSR International

Client Sample ID: SB37(57.6-60)

TOTAL Metals

Lot-Sample #...: C8J160275-004 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Iron	12600 J	12.0	mg/kg	SW846 6010B	10/22-11/02/08	K017W1A0
		Dilution Factor: 1		Analysis Time..: 21:33	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8296135	MDL.....: 1.5	
Potassium	743	601	mg/kg	SW846 6010B	10/22-11/02/08	K017W1A1
		Dilution Factor: 1		Analysis Time..: 21:33	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8296135	MDL.....: 90.1	
Magnesium	6870 J	601	mg/kg	SW846 6010B	10/22-11/02/08	K017W1A2
		Dilution Factor: 1		Analysis Time..: 21:33	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8296135	MDL.....: 2.5	
Manganese	293	1.8	mg/kg	SW846 6010B	10/22-11/02/08	K017W1A3
		Dilution Factor: 1		Analysis Time..: 21:33	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8296135	MDL.....: 0.073	
Sodium	155 B J	601	mg/kg	SW846 6010B	10/22-11/02/08	K017W1A4
		Dilution Factor: 1		Analysis Time..: 21:33	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8296135	MDL.....: 17.4	
Nickel	8.9 J	4.8	mg/kg	SW846 6010B	10/22-11/02/08	K017W1A5
		Dilution Factor: 1		Analysis Time..: 21:33	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8296135	MDL.....: 0.17	
Lead	4.1	0.36	mg/kg	SW846 6010B	10/22-11/02/08	K017W1A6
		Dilution Factor: 1		Analysis Time..: 21:33	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8296135	MDL.....: 0.19	
Selenium	ND	0.60	mg/kg	SW846 6010B	10/22-11/02/08	K017W1AA
		Dilution Factor: 1		Analysis Time..: 21:33	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8296135	MDL.....: 0.21	
Thallium	ND	1.2	mg/kg	SW846 6010B	10/22-11/02/08	K017W1AC
		Dilution Factor: 1		Analysis Time..: 21:33	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8296135	MDL.....: 0.37	
Antimony	ND UJ	1.2	mg/kg	SW846 6010B	10/22-11/02/08	K017W1AD
		Dilution Factor: 1		Analysis Time..: 21:33	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8296135	MDL.....: 0.25	

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ENSR International

Client Sample ID: SB37(57.6-60)

TOTAL Metals

Lot-Sample #...: C8J160275-004 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Vanadium	14.6	6.0	mg/kg	SW846 6010B	10/22-11/02/08	K017W1AE
		Dilution Factor: 1		Analysis Time..: 21:33	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8296135	MDL.....: 0.29	
Zinc	27.5 J	2.4	mg/kg	SW846 6010B	10/22-11/02/08	K017W1AF
		Dilution Factor: 1		Analysis Time..: 21:33	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8296135	MDL.....: 0.22	
Prep Batch #...: 8303021						
Mercury	~~0.013 B,J~~ 0.040 U	0.040	mg/kg	SW846 7471A	10/29/08	K017W1AG
		Dilution Factor: 1		Analysis Time..: 09:01	Analyst ID.....: 031043	
		Instrument ID..: HGHYDRA		MS Run #.....: 8303010	MDL.....: 0.0030	
Prep Batch #...: 8309177						
Chromium	6.9	0.60	mg/kg	SW846 6010B	11/04-11/06/08	K017W1AW
		Dilution Factor: 1		Analysis Time..: 15:23	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8309109	MDL.....: 0.067	

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.

KNSR International

Client Sample ID: SB32(20-22.5)

TOTAL Metals

Lot-Sample #...: C8J160275-005 Matrix.....: SO
Date Sampled...: 10/15/08 Date Received..: 10/16/08
% Moisture.....: 16

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8296214						
Silver	~~0.086 B,J~~ 0.60U	0.60	mg/kg	SW846 6010B	10/22-11/02/08	K01711AM
		Dilution Factor: 1		Analysis Time..: 20:05	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8296135	MDL.....: 0.079	
Aluminum	3940 J	23.9	mg/kg	SW846 6010B	10/22-11/02/08	K01711AN
		Dilution Factor: 1		Analysis Time..: 20:05	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8296135	MDL.....: 2.9	
Arsenic	2.1	1.2	mg/kg	SW846 6010B	10/22-11/02/08	K01711AP
		Dilution Factor: 1		Analysis Time..: 20:05	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8296135	MDL.....: 0.35	
Barium	~~21.7 B,J~~ 23.9U	23.9	mg/kg	SW846 6010B	10/22-11/02/08	K01711AQ
		Dilution Factor: 1		Analysis Time..: 20:05	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8296135	MDL.....: 0.095	
Beryllium	~~0.45 B,J~~ 0.48U	0.48	mg/kg	SW846 6010B	10/22-11/02/08	K01711AR
		Dilution Factor: 1		Analysis Time..: 20:05	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8296135	MDL.....: 0.018	
Calcium	1840 J	598	mg/kg	SW846 6010B	10/22-11/02/08	K01711AT
		Dilution Factor: 1		Analysis Time..: 20:05	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8296135	MDL.....: 2.0	
Cadmium	~~0.11 B,J~~ 0.60U	0.60	mg/kg	SW846 6010B	10/22-11/02/08	K01711AU
		Dilution Factor: 1		Analysis Time..: 20:05	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8296135	MDL.....: 0.025	
Cobalt	4.3 B J	6.0	mg/kg	SW846 6010B	10/22-11/02/08	K01711AV
		Dilution Factor: 1		Analysis Time..: 20:05	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8296135	MDL.....: 0.097	
Copper	8.9	3.0	mg/kg	SW846 6010B	10/22-11/02/08	K01711AX
		Dilution Factor: 1		Analysis Time..: 20:05	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8296135	MDL.....: 0.32	

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ENSR International

Client Sample ID: SB32(20-22.5)

TOTAL Metals

Lot-Sample #...: C8J160275-005 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Iron	10800 J	12.0	mg/kg	SW846 6010B	10/22-11/02/08	K01711A0
		Dilution Factor: 1		Analysis Time..: 20:05	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8296135	MDL.....: 1.5	
Potassium	706	598	mg/kg	SW846 6010B	10/22-11/02/08	K01711A1
		Dilution Factor: 1		Analysis Time..: 20:05	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8296135	MDL.....: 89.7	
Magnesium	1790 J	598	mg/kg	SW846 6010B	10/22-11/02/08	K01711A2
		Dilution Factor: 1		Analysis Time..: 20:05	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8296135	MDL.....: 2.5	
Manganese	203	1.8	mg/kg	SW846 6010B	10/22-11/02/08	K01711A3
		Dilution Factor: 1		Analysis Time..: 20:05	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8296135	MDL.....: 0.073	
Sodium	85.0 B J	598	mg/kg	SW846 6010B	10/22-11/02/08	K01711A4
		Dilution Factor: 1		Analysis Time..: 20:05	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8296135	MDL.....: 17.4	
Nickel	9.4 J	4.8	mg/kg	SW846 6010B	10/22-11/02/08	K01711A5
		Dilution Factor: 1		Analysis Time..: 20:05	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8296135	MDL.....: 0.17	
Lead	4.1	0.36	mg/kg	SW846 6010B	10/22-11/02/08	K01711A6
		Dilution Factor: 1		Analysis Time..: 20:05	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8296135	MDL.....: 0.19	
Selenium	ND	0.60	mg/kg	SW846 6010B	10/22-11/02/08	K01711AA
		Dilution Factor: 1		Analysis Time..: 20:05	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8296135	MDL.....: 0.21	
Thallium	ND	1.2	mg/kg	SW846 6010B	10/22-11/02/08	K01711AC
		Dilution Factor: 1		Analysis Time..: 20:05	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8296135	MDL.....: 0.37	
Antimony	0.26 B J-	1.2	mg/kg	SW846 6010B	10/22-11/02/08	K01711AD
		Dilution Factor: 1		Analysis Time..: 20:05	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8296135	MDL.....: 0.25	

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ENSR International

Client Sample ID: SB32(20-22.5)

TOTAL Metals

Lot-Sample #...: C8J160275-005 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Vanadium	12.6	6.0	mg/kg	SW846 6010B	10/22-11/02/08	K01711AE
		Dilution Factor: 1		Analysis Time..: 20:05	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8296135	MDL.....: 0.29	
Zinc	26.9 J	2.4	mg/kg	SW846 6010B	10/22-11/02/08	K01711AF
		Dilution Factor: 1		Analysis Time..: 20:05	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8296135	MDL.....: 0.22	
Prep Batch #...: 8303021						
Mercury	~~0.012 B,J~~ 0.039	0.039	mg/kg	SW846 7471A	10/29/08	K01711AG
		Dilution Factor: 1		Analysis Time..: 09:02	Analyst ID.....: 031043	
		Instrument ID..: HGHYDRA		MS Run #.....: 8303010	MDL.....: 0.0030	
Prep Batch #...: 8309177						
Chromium	7.3	0.60	mg/kg	SW846 6010B	11/04-11/06/08	K01711AW
		Dilution Factor: 1		Analysis Time..: 13:39	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8309109	MDL.....: 0.067	

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.

ENSR International

Client Sample ID: SB32(42-47.5)

TOTAL Metals

Lot-Sample #...: C8J160275-006 Matrix.....: SO
Date Sampled...: 10/15/08 Date Received..: 10/16/08
% Moisture.....: 17

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8296214						
Silver	~~0.16 B,J~~ 0.60 U	0.60	mg/kg	SW846 6010B	10/22-11/02/08	K01731AM
		Dilution Factor: 1		Analysis Time..: 20:10	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8296135	MDL.....: 0.079	
Aluminum	7080 J	24.1	mg/kg	SW846 6010B	10/22-11/02/08	K01731AN
		Dilution Factor: 1		Analysis Time..: 20:10	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8296135	MDL.....: 2.9	
Arsenic	4.1	1.2	mg/kg	SW846 6010B	10/22-11/02/08	K01731AP
		Dilution Factor: 1		Analysis Time..: 20:10	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8296135	MDL.....: 0.35	
Barium	64.9 J	24.1	mg/kg	SW846 6010B	10/22-11/02/08	K01731AQ
		Dilution Factor: 1		Analysis Time..: 20:10	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8296135	MDL.....: 0.095	
Beryllium	0.70 J	0.48	mg/kg	SW846 6010B	10/22-11/02/08	K01731AR
		Dilution Factor: 1		Analysis Time..: 20:10	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8296135	MDL.....: 0.018	
Calcium	26400 J	602	mg/kg	SW846 6010B	10/22-11/02/08	K01731AT
		Dilution Factor: 1		Analysis Time..: 20:10	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8296135	MDL.....: 2.0	
Cadmium	~~0.19 B,J~~ 0.60 U	0.60	mg/kg	SW846 6010B	10/22-11/02/08	K01731AU
		Dilution Factor: 1		Analysis Time..: 20:10	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8296135	MDL.....: 0.025	
Cobalt	6.6	6.0	mg/kg	SW846 6010B	10/22-11/02/08	K01731AV
		Dilution Factor: 1		Analysis Time..: 20:10	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8296135	MDL.....: 0.097	
Copper	14.2	3.0	mg/kg	SW846 6010B	10/22-11/02/08	K01731AX
		Dilution Factor: 1		Analysis Time..: 20:10	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8296135	MDL.....: 0.32	

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ENSR International

Client Sample ID: SB32(42-47.5)

TOTAL Metals

Lot-Sample #...: C8J160275-006 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Iron	18000 J	12.0	mg/kg	SW846 6010B	10/22-11/02/08	K01731A0
		Dilution Factor: 1		Analysis Time..: 20:10	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8296135	MDL.....: 1.5	
Potassium	1230	602	mg/kg	SW846 6010B	10/22-11/02/08	K01731A1
		Dilution Factor: 1		Analysis Time..: 20:10	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8296135	MDL.....: 90.3	
Magnesium	7700 J	602	mg/kg	SW846 6010B	10/22-11/02/08	K01731A2
		Dilution Factor: 1		Analysis Time..: 20:10	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8296135	MDL.....: 2.5	
Manganese	367	1.8	mg/kg	SW846 6010B	10/22-11/02/08	K01731A3
		Dilution Factor: 1		Analysis Time..: 20:10	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8296135	MDL.....: 0.073	
Sodium	248 BJ	602	mg/kg	SW846 6010B	10/22-11/02/08	K01731A4
		Dilution Factor: 1		Analysis Time..: 20:10	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8296135	MDL.....: 17.5	
Nickel	14.1 J	4.8	mg/kg	SW846 6010B	10/22-11/02/08	K01731A5
		Dilution Factor: 1		Analysis Time..: 20:10	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8296135	MDL.....: 0.17	
Lead	6.3	0.36	mg/kg	SW846 6010B	10/22-11/02/08	K01731A6
		Dilution Factor: 1		Analysis Time..: 20:10	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8296135	MDL.....: 0.19	
Selenium	ND	0.60	mg/kg	SW846 6010B	10/22-11/02/08	K01731AA
		Dilution Factor: 1		Analysis Time..: 20:10	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8296135	MDL.....: 0.21	
Thallium	ND	1.2	mg/kg	SW846 6010B	10/22-11/02/08	K01731AC
		Dilution Factor: 1		Analysis Time..: 20:10	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8296135	MDL.....: 0.37	
Antimony	ND UJ	1.2	mg/kg	SW846 6010B	10/22-11/02/08	K01731AD
		Dilution Factor: 1		Analysis Time..: 20:10	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8296135	MDL.....: 0.25	

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ENSR International

Client Sample ID: SB32(42-47.5)

TOTAL Metals

Lot-Sample #...: C8J160275-006 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Vanadium	19.4	6.0	mg/kg	SW846 6010B	10/22-11/02/08	K01731AR
		Dilution Factor: 1		Analysis Time..: 20:10	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8296135	MDL.....: 0.29	
Zinc	41.5 J	2.4	mg/kg	SW846 6010B	10/22-11/02/08	K01731AF
		Dilution Factor: 1		Analysis Time..: 20:10	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8296135	MDL.....: 0.22	
Prep Batch #...: 8303021						
Mercury	~~0.011 B,J~~ 0.040 U	0.040	mg/kg	SW846 7471A	10/29/08	K01731AG
		Dilution Factor: 1		Analysis Time..: 09:04	Analyst ID.....: 031043	
		Instrument ID..: HGHYDRA		MS Run #.....: 8303010	MDL.....: 0.0030	
Prep Batch #...: 8309177						
Chromium	12.1	0.60	mg/kg	SW846 6010B	11/04-11/06/08	K01731AW
		Dilution Factor: 1		Analysis Time..: 13:45	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8309109	MDL.....: 0.067	

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.

ENSR International

Client Sample ID: SB38(22.5-25)

TOTAL Metals

Lot-Sample #...: C8J220183-001 Matrix.....: SO
Date Sampled...: 10/16/08 Date Received..: 10/21/08
% Moisture.....: 18

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8303105						
Silver	~~0.12 B,J~~ 0.61 U	0.61	mg/kg	SW846 6010B	10/29-10/31/08	K1CL01AE
		Dilution Factor: 1		Analysis Time..: 05:27	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8303067	MDL.....: 0.080	
Aluminum	4170	24.3	mg/kg	SW846 6010B	10/29-10/31/08	K1CL01AF
		Dilution Factor: 1		Analysis Time..: 05:27	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8303067	MDL.....: 2.9	
Arsenic	2.0	1.2	mg/kg	SW846 6010B	10/29-10/31/08	K1CL01AG
		Dilution Factor: 1		Analysis Time..: 05:27	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8303067	MDL.....: 0.35	
Barium	24.8	24.3	mg/kg	SW846 6010B	10/29-10/31/08	K1CL01AH
		Dilution Factor: 1		Analysis Time..: 05:27	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8303067	MDL.....: 0.096	
Beryllium	~~0.43 B,J~~ 0.49 U	0.49	mg/kg	SW846 6010B	10/29-10/31/08	K1CL01AJ
		Dilution Factor: 1		Analysis Time..: 05:27	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8303067	MDL.....: 0.018	
Calcium	27300	608	mg/kg	SW846 6010B	10/29-10/31/08	K1CL01AK
		Dilution Factor: 1		Analysis Time..: 05:27	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8303067	MDL.....: 2.1	
Cadmium	~~0.22 B,J~~ 0.61 U	0.61	mg/kg	SW846 6010B	10/29-10/31/08	K1CL01AL
		Dilution Factor: 1		Analysis Time..: 05:27	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8303067	MDL.....: 0.026	
Cobalt	4.3 ~~B~~ J	6.1	mg/kg	SW846 6010B	10/29-10/31/08	K1CL01AM
		Dilution Factor: 1		Analysis Time..: 05:27	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8303067	MDL.....: 0.099	
Chromium	6.5	0.61	mg/kg	SW846 6010B	10/29-10/31/08	K1CL01AN
		Dilution Factor: 1		Analysis Time..: 05:27	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8303067	MDL.....: 0.068	

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ENSR International

Client Sample ID: SB38(22.5-25)

TOTAL Metals

Lot-Sample #...: C8J220183-001 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Copper	**11.2**	**3.0**	**mg/kg**	**SW846 6010B**	**10/29-10/31/08**	**K1CL01AP**
		Dilution Factor: 1		Analysis Time..: 05:27	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8303067	MDL.....: 0.32	
Iron	**9710**	**12.2**	**mg/kg**	**SW846 6010B**	**10/29-10/31/08**	**K1CL01AQ**
		Dilution Factor: 1		Analysis Time..: 05:27	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8303067	MDL.....: 1.6	
Potassium	**722**	**608**	**mg/kg**	**SW846 6010B**	**10/29-10/31/08**	**K1CL01AR**
		Dilution Factor: 1		Analysis Time..: 05:27	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8303067	MDL.....: 91.2	
Magnesium	**6820**	**608**	**mg/kg**	**SW846 6010B**	**10/29-10/31/08**	**K1CL01AT**
		Dilution Factor: 1		Analysis Time..: 05:27	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8303067	MDL.....: 2.5	
Manganese	**224**	**1.8**	**mg/kg**	**SW846 6010B**	**10/29-10/31/08**	**K1CL01AU**
		Dilution Factor: 1		Analysis Time..: 05:27	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8303067	MDL.....: 0.074	
Sodium	**313 B J**	**608**	**mg/kg**	**SW846 6010B**	**10/29-10/31/08**	**K1CL01AV**
		Dilution Factor: 1		Analysis Time..: 05:27	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8303067	MDL.....: 17.6	
Nickel	**9.7**	**4.9**	**mg/kg**	**SW846 6010B**	**10/29-10/31/08**	**K1CL01AW**
		Dilution Factor: 1		Analysis Time..: 05:27	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8303067	MDL.....: 0.17	
Lead	**4.1**	**0.36**	**mg/kg**	**SW846 6010B**	**10/29-10/31/08**	**K1CL01AX**
		Dilution Factor: 1		Analysis Time..: 05:27	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8303067	MDL.....: 0.19	
Selenium	ND	0.61	mg/kg	SW846 6010B	10/29-10/31/08	K1CL01A0
		Dilution Factor: 1		Analysis Time..: 05:27	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8303067	MDL.....: 0.21	
Thallium	ND	1.2	mg/kg	SW846 6010B	10/29-10/31/08	K1CL01A1
		Dilution Factor: 1		Analysis Time..: 05:27	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8303067	MDL.....: 0.37	

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ENSR International

Client Sample ID: SB38(22.5-25)

TOTAL Metals

Lot-Sample #...: C8J220183-001 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	ND	1.2	mg/kg	SW846 6010B	10/29-10/31/08	K1CL01A2
		Dilution Factor: 1		Analysis Time..: 05:27	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8303067	MDL.....: 0.26	
Vanadium	**10.5**	**6.1**	**mg/kg**	**SW846 6010B**	**10/29-10/31/08**	**K1CL01A3**
		Dilution Factor: 1		Analysis Time..: 05:27	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8303067	MDL.....: 0.29	
Zinc	**29.1 J**	**2.4**	**mg/kg**	**SW846 6010B**	**10/29-10/31/08**	**K1CL01A4**
		Dilution Factor: 1		Analysis Time..: 05:27	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8303067	MDL.....: 0.23	
Prep Batch #...: 8304032						
Mercury	**0.0091 B J**	**0.040**	**mg/kg**	**SW846 7471A**	**10/30/08**	**K1CL01A5**
		Dilution Factor: 1		Analysis Time..: 10:01	Analyst ID.....: 031043	
		Instrument ID..: HGHYDRA		MS Run #.....: 8304020	MDL.....: 0.0030	

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.

ENSR International

Client Sample ID: SB38(45-47.5)

TOTAL Metals

Lot-Sample #...: C8J220183-002 Matrix.....: SO
Date Sampled...: 10/16/08 Date Received..: 10/21/08
% Moisture.....: 16

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8303105						
Silver	ND	0.60	mg/kg	SW846 6010B	10/29-10/31/08	K1CL31AM
		Dilution Factor: 1		Analysis Time..: 05:33	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8303067	MDL.....: 0.079	
Aluminum	**3280**	**23.8**	**mg/kg**	**SW846 6010B**	**10/29-10/31/08**	**K1CL31AN**
		Dilution Factor: 1		Analysis Time..: 05:33	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8303067	MDL.....: 2.9	
Arsenic	**2.1**	**1.2**	**mg/kg**	**SW846 6010B**	**10/29-10/31/08**	**K1CL31AP**
		Dilution Factor: 1		Analysis Time..: 05:33	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8303067	MDL.....: 0.34	
Barium	**18.5 B J**	**23.8**	**mg/kg**	**SW846 6010B**	**10/29-10/31/08**	**K1CL31AQ**
		Dilution Factor: 1		Analysis Time..: 05:33	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8303067	MDL.....: 0.094	
Beryllium	~~0.38 B,J~~ 0.48 U	**0.48**	**mg/kg**	**SW846 6010B**	**10/29-10/31/08**	**K1CL31AR**
		Dilution Factor: 1		Analysis Time..: 05:33	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8303067	MDL.....: 0.018	
Calcium	**35600**	**596**	**mg/kg**	**SW846 6010B**	**10/29-10/31/08**	**K1CL31AT**
		Dilution Factor: 1		Analysis Time..: 05:33	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8303067	MDL.....: 2.0	
Cadmium	~~0.19 B,J~~ 0.60 U	**0.60**	**mg/kg**	**SW846 6010B**	**10/29-10/31/08**	**K1CL31AU**
		Dilution Factor: 1		Analysis Time..: 05:33	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8303067	MDL.....: 0.025	
Cobalt	**3.3 B J**	**6.0**	**mg/kg**	**SW846 6010B**	**10/29-10/31/08**	**K1CL31AV**
		Dilution Factor: 1		Analysis Time..: 05:33	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8303067	MDL.....: 0.097	
Chromium	**5.3**	**0.60**	**mg/kg**	**SW846 6010B**	**10/29-10/31/08**	**K1CL31AW**
		Dilution Factor: 1		Analysis Time..: 05:33	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8303067	MDL.....: 0.067	

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ENSR International

Client Sample ID: SB38(45-47.5)

TOTAL Metals

Lot-Sample #...: C8J220183-002 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Copper	9.4	3.0	mg/kg	SW846 6010B	10/29-10/31/08	K1CL31AX
		Dilution Factor: 1		Analysis Time..: 05:33	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8303067	MDL.....: 0.31	
Iron	7960	11.9	mg/kg	SW846 6010B	10/29-10/31/08	K1CL31A0
		Dilution Factor: 1		Analysis Time..: 05:33	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8303067	MDL.....: 1.5	
Potassium	528 B J	596	mg/kg	SW846 6010B	10/29-10/31/08	K1CL31A1
		Dilution Factor: 1		Analysis Time..: 05:33	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8303067	MDL.....: 89.4	
Magnesium	4700	596	mg/kg	SW846 6010B	10/29-10/31/08	K1CL31A2
		Dilution Factor: 1		Analysis Time..: 05:33	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8303067	MDL.....: 2.5	
Manganese	153	1.8	mg/kg	SW846 6010B	10/29-10/31/08	K1CL31A3
		Dilution Factor: 1		Analysis Time..: 05:33	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8303067	MDL.....: 0.073	
Sodium	95.4 B J	596	mg/kg	SW846 6010B	10/29-10/31/08	K1CL31A4
		Dilution Factor: 1		Analysis Time..: 05:33	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8303067	MDL.....: 17.3	
Nickel	8.2	4.8	mg/kg	SW846 6010B	10/29-10/31/08	K1CL31A5
		Dilution Factor: 1		Analysis Time..: 05:33	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8303067	MDL.....: 0.17	
Lead	3.5	0.36	mg/kg	SW846 6010B	10/29-10/31/08	K1CL31A6
		Dilution Factor: 1		Analysis Time..: 05:33	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8303067	MDL.....: 0.19	
Selenium	ND	0.60	mg/kg	SW846 6010B	10/29-10/31/08	K1CL31AA
		Dilution Factor: 1		Analysis Time..: 05:33	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8303067	MDL.....: 0.21	
Thallium	ND	1.2	mg/kg	SW846 6010B	10/29-10/31/08	K1CL31AC
		Dilution Factor: 1		Analysis Time..: 05:33	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8303067	MDL.....: 0.37	

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ENSR International

Client Sample ID: SB38(45-47.5)

TOTAL Metals

Lot-Sample #...: C8J220183-002 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	ND	1.2	mg/kg	SW846 6010B	10/29-10/31/08	K1CL31AD
		Dilution Factor: 1		Analysis Time..: 05:33	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8303067	MDL.....: 0.25	
Vanadium	**8.1**	**6.0**	**mg/kg**	**SW846 6010B**	**10/29-10/31/08**	**K1CL31AE**
		Dilution Factor: 1		Analysis Time..: 05:33	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8303067	MDL.....: 0.29	
Zinc	**27.1 J**	**2.4**	**mg/kg**	**SW846 6010B**	**10/29-10/31/08**	**K1CL31AF**
		Dilution Factor: 1		Analysis Time..: 05:33	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8303067	MDL.....: 0.22	
Prep Batch #...: 8304032						
Mercury	**0.0066 B J**	**0.039**	**mg/kg**	**SW846 7471A**	**10/30/08**	**K1CL31AG**
		Dilution Factor: 1		Analysis Time..: 10:06	Analyst ID.....: 031043	
		Instrument ID..: HGHYDRA		MS Run #.....: 8304020	MDL.....: 0.0030	

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.

ENSR International

Client Sample ID: SB31(25-27.5)

TOTAL Metals

Lot-Sample #...: C8J220183-003 Matrix.....: SO
Date Sampled...: 10/17/08 Date Received..: 10/21/08
% Moisture.....: 18

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8303105						
Silver	~~0.17 B,J~~ 0.61 U	0.61	mg/kg	SW846 6010B	10/29-10/31/08	K1CL51AM
		Dilution Factor: 1		Analysis Time..: 05:38	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8303067	MDL.....: 0.081	
Aluminum	3670	24.5	mg/kg	SW846 6010B	10/29-10/31/08	K1CL51AN
		Dilution Factor: 1		Analysis Time..: 05:38	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8303067	MDL.....: 2.9	
Arsenic	1.5	1.2	mg/kg	SW846 6010B	10/29-10/31/08	K1CL51AP
		Dilution Factor: 1		Analysis Time..: 05:38	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8303067	MDL.....: 0.35	
Barium	22.3 B J	24.5	mg/kg	SW846 6010B	10/29-10/31/08	K1CL51AQ
		Dilution Factor: 1		Analysis Time..: 05:38	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8303067	MDL.....: 0.097	
Beryllium	~~0.44 B,J~~ 0.49 U	0.49	mg/kg	SW846 6010B	10/29-10/31/08	K1CL51AR
		Dilution Factor: 1		Analysis Time..: 05:38	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8303067	MDL.....: 0.018	
Calcium	2890	613	mg/kg	SW846 6010B	10/29-10/31/08	K1CL51AT
		Dilution Factor: 1		Analysis Time..: 05:38	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8303067	MDL.....: 2.1	
Cadmium	~~0.26 B,J~~ 0.61 U	0.61	mg/kg	SW846 6010B	10/29-10/31/08	K1CL51AU
		Dilution Factor: 1		Analysis Time..: 05:38	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8303067	MDL.....: 0.026	
Cobalt	4.1 B J	6.1	mg/kg	SW846 6010B	10/29-10/31/08	K1CL51AV
		Dilution Factor: 1		Analysis Time..: 05:38	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8303067	MDL.....: 0.099	
Chromium	5.6	0.61	mg/kg	SW846 6010B	10/29-10/31/08	K1CL51AW
		Dilution Factor: 1		Analysis Time..: 05:38	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8303067	MDL.....: 0.069	

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ENSR International

Client Sample ID: SB31(25-27.5)

TOTAL Metals

Lot-Sample #...: C8J220183-003 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Copper	9.4	3.1	mg/kg	SW846 6010B	10/29-10/31/08	K1CL51AX
		Dilution Factor: 1		Analysis Time..: 05:38	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8303067	MDL.....: 0.32	
Iron	9680	12.3	mg/kg	SW846 6010B	10/29-10/31/08	K1CL51A0
		Dilution Factor: 1		Analysis Time..: 05:38	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8303067	MDL.....: 1.6	
Potassium	557 B J	613	mg/kg	SW846 6010B	10/29-10/31/08	K1CL51A1
		Dilution Factor: 1		Analysis Time..: 05:38	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8303067	MDL.....: 92.0	
Magnesium	1720	613	mg/kg	SW846 6010B	10/29-10/31/08	K1CL51A2
		Dilution Factor: 1		Analysis Time..: 05:38	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8303067	MDL.....: 2.6	
Manganese	547	1.8	mg/kg	SW846 6010B	10/29-10/31/08	K1CL51A3
		Dilution Factor: 1		Analysis Time..: 05:38	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8303067	MDL.....: 0.075	
Sodium	98.5 B J	613	mg/kg	SW846 6010B	10/29-10/31/08	K1CL51A4
		Dilution Factor: 1		Analysis Time..: 05:38	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8303067	MDL.....: 17.8	
Nickel	9.2	4.9	mg/kg	SW846 6010B	10/29-10/31/08	K1CL51A5
		Dilution Factor: 1		Analysis Time..: 05:38	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8303067	MDL.....: 0.18	
Lead	3.8	0.37	mg/kg	SW846 6010B	10/29-10/31/08	K1CL51A6
		Dilution Factor: 1		Analysis Time..: 05:38	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8303067	MDL.....: 0.19	
Selenium	ND	0.61	mg/kg	SW846 6010B	10/29-10/31/08	K1CL51AA
		Dilution Factor: 1		Analysis Time..: 05:38	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8303067	MDL.....: 0.21	
Thallium	ND	1.2	mg/kg	SW846 6010B	10/29-10/31/08	K1CL51AC
		Dilution Factor: 1		Analysis Time..: 05:38	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8303067	MDL.....: 0.38	

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ENSR International

Client Sample ID: SB31(25-27.5)

TOTAL Metals

Lot-Sample #...: C8J220183-003 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	ND	1.2	mg/kg	SW846 6010B	10/29-10/31/08	K1CL51AD
		Dilution Factor: 1		Analysis Time..: 05:38	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8303067	MDL.....: 0.26	
Vanadium	9.0	6.1	mg/kg	SW846 6010B	10/29-10/31/08	K1CL51AE
		Dilution Factor: 1		Analysis Time..: 05:38	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8303067	MDL.....: 0.30	
Zinc	26.8 J	2.5	mg/kg	SW846 6010B	10/29-10/31/08	K1CL51AF
		Dilution Factor: 1		Analysis Time..: 05:38	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8303067	MDL.....: 0.23	
Prep Batch #...: 8304032						
Mercury	0.027 B J	0.040	mg/kg	SW846 7471A	10/30/08	K1CL51AG
		Dilution Factor: 1		Analysis Time..: 10:08	Analyst ID.....: 031043	
		Instrument ID..: HGHYDRA		MS Run #.....: 8304020	MDL.....: 0.0031	

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.

ENSR International

Client Sample ID: SB31(47.5-50)

TOTAL Metals

Lot-Sample #...: C8J220183-004 Matrix.....: SO
Date Sampled...: 10/17/08 Date Received..: 10/21/08
% Moisture.....: 22

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8303105						
Silver	~~0.12 B,J~~ 0.64U	0.64	mg/kg	SW846 6010B	10/29-10/31/08	K1CL81AM
		Dilution Factor: 1		Analysis Time..: 05:55	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8303067	MDL.....: 0.085	
Aluminum	3490	25.6	mg/kg	SW846 6010B	10/29-10/31/08	K1CL81AN
		Dilution Factor: 1		Analysis Time..: 05:55	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8303067	MDL.....: 3.1	
Arsenic	2.4	1.3	mg/kg	SW846 6010B	10/29-10/31/08	K1CL81AP
		Dilution Factor: 1		Analysis Time..: 05:55	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8303067	MDL.....: 0.37	
Barium	22.6 B J	25.6	mg/kg	SW846 6010B	10/29-10/31/08	K1CL81AQ
		Dilution Factor: 1		Analysis Time..: 05:55	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8303067	MDL.....: 0.10	
Beryllium	~~0.43 B,J~~ 0.51U	0.51	mg/kg	SW846 6010B	10/29-10/31/08	K1CL81AR
		Dilution Factor: 1		Analysis Time..: 05:55	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8303067	MDL.....: 0.019	
Calcium	26900	641	mg/kg	SW846 6010B	10/29-10/31/08	K1CL81AT
		Dilution Factor: 1		Analysis Time..: 05:55	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8303067	MDL.....: 2.2	
Cadmium	~~0.22 B,J~~ 0.64U	0.64	mg/kg	SW846 6010B	10/29-10/31/08	K1CL81AU
		Dilution Factor: 1		Analysis Time..: 05:55	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8303067	MDL.....: 0.027	
Cobalt	3.6 B J	6.4	mg/kg	SW846 6010B	10/29-10/31/08	K1CL81AV
		Dilution Factor: 1		Analysis Time..: 05:55	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8303067	MDL.....: 0.10	
Chromium	5.3	0.64	mg/kg	SW846 6010B	10/29-10/31/08	K1CL81AW
		Dilution Factor: 1		Analysis Time..: 05:55	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8303067	MDL.....: 0.072	

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ENSR International

Client Sample ID: SB31(47.5-50)

TOTAL Metals

Lot-Sample #...: C8J220183-004 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Copper	9.2	3.2	mg/kg	SW846 6010B	10/29-10/31/08	K1CL81AX
		Dilution Factor: 1		Analysis Time..: 05:55	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8303067	MDL.....: 0.34	
Iron	9490	12.8	mg/kg	SW846 6010B	10/29-10/31/08	K1CL81A0
		Dilution Factor: 1		Analysis Time..: 05:55	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8303067	MDL.....: 1.6	
Potassium	604 B J	641	mg/kg	SW846 6010B	10/29-10/31/08	K1CL81A1
		Dilution Factor: 1		Analysis Time..: 05:55	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8303067	MDL.....: 96.1	
Magnesium	6560	641	mg/kg	SW846 6010B	10/29-10/31/08	K1CL81A2
		Dilution Factor: 1		Analysis Time..: 05:55	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8303067	MDL.....: 2.7	
Manganese	243	1.9	mg/kg	SW846 6010B	10/29-10/31/08	K1CL81A3
		Dilution Factor: 1		Analysis Time..: 05:55	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8303067	MDL.....: 0.078	
Sodium	137 B J	641	mg/kg	SW846 6010B	10/29-10/31/08	K1CL81A4
		Dilution Factor: 1		Analysis Time..: 05:55	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8303067	MDL.....: 18.6	
Nickel	7.6	5.1	mg/kg	SW846 6010B	10/29-10/31/08	K1CL81A5
		Dilution Factor: 1		Analysis Time..: 05:55	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8303067	MDL.....: 0.18	
Lead	3.4	0.38	mg/kg	SW846 6010B	10/29-10/31/08	K1CL81A6
		Dilution Factor: 1		Analysis Time..: 05:55	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8303067	MDL.....: 0.20	
Selenium	ND	0.64	mg/kg	SW846 6010B	10/29-10/31/08	K1CL81AA
		Dilution Factor: 1		Analysis Time..: 05:55	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8303067	MDL.....: 0.22	
Thallium	ND	1.3	mg/kg	SW846 6010B	10/29-10/31/08	K1CL81AC
		Dilution Factor: 1		Analysis Time..: 05:55	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8303067	MDL.....: 0.39	

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ENSR International

Client Sample ID: SB31(47.5-50)

TOTAL Metals

Lot-Sample #...: C8J220183-004 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	ND	1.3	mg/kg	SW846 6010B	10/29-10/31/08	K1CL81AD
		Dilution Factor: 1		Analysis Time..: 05:55	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8303067	MDL.....: 0.27	
Vanadium	**10.2**	**6.4**	**mg/kg**	**SW846 6010B**	**10/29-10/31/08**	**K1CL81AE**
		Dilution Factor: 1		Analysis Time..: 05:55	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8303067	MDL.....: 0.31	
Zinc	**25.2 J**	**2.6**	**mg/kg**	**SW846 6010B**	**10/29-10/31/08**	**K1CL81AF**
		Dilution Factor: 1		Analysis Time..: 05:55	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8303067	MDL.....: 0.24	
Prep Batch #...: 8304032						
Mercury	**0.024 B J**	**0.042**	**mg/kg**	**SW846 7471A**	**10/30/08**	**K1CL81AG**
		Dilution Factor: 1		Analysis Time..: 10:13	Analyst ID.....: 031043	
		Instrument ID..: HGHYDRA		MS Run #.....: 8304020	MDL.....: 0.0032	

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.

ENSR International

Client Sample ID: SB39(32.5-35)

TOTAL Metals

Lot-Sample #...: C8J220183-005 Matrix.....: SO
Date Sampled...: 10/20/08 Date Received..: 10/21/08
% Moisture.....: 16

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8303105						
Silver	~~0.15 B,J~~ 0.60U	0.60	mg/kg	SW846 6010B	10/29-10/31/08	K1CMD1AM
		Dilution Factor: 1		Analysis Time..: 06:00	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8303067	MDL.....: 0.079	
Aluminum	4680	23.9	mg/kg	SW846 6010B	10/29-10/31/08	K1CMD1AN
		Dilution Factor: 1		Analysis Time..: 06:00	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8303067	MDL.....: 2.9	
Arsenic	1.5	1.2	mg/kg	SW846 6010B	10/29-10/31/08	K1CMD1AP
		Dilution Factor: 1		Analysis Time..: 06:00	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8303067	MDL.....: 0.35	
Barium	22.9 B J	23.9	mg/kg	SW846 6010B	10/29-10/31/08	K1CMD1AQ
		Dilution Factor: 1		Analysis Time..: 06:00	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8303067	MDL.....: 0.094	
Beryllium	~~0.44 B,J~~ 0.48U	0.48	mg/kg	SW846 6010B	10/29-10/31/08	K1CMD1AR
		Dilution Factor: 1		Analysis Time..: 06:00	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8303067	MDL.....: 0.018	
Calcium	26600	598	mg/kg	SW846 6010B	10/29-10/31/08	K1CMD1AT
		Dilution Factor: 1		Analysis Time..: 06:00	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8303067	MDL.....: 2.0	
Cadmium	~~0.23 B,J~~ 0.60U	0.60	mg/kg	SW846 6010B	10/29-10/31/08	K1CMD1AU
		Dilution Factor: 1		Analysis Time..: 06:00	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8303067	MDL.....: 0.025	
Cobalt	4.9 B J	6.0	mg/kg	SW846 6010B	10/29-10/31/08	K1CMD1AV
		Dilution Factor: 1		Analysis Time..: 06:00	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8303067	MDL.....: 0.097	
Chromium	7.3	0.60	mg/kg	SW846 6010B	10/29-10/31/08	K1CMD1AW
		Dilution Factor: 1		Analysis Time..: 06:00	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8303067	MDL.....: 0.067	

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ENSR International

Client Sample ID: SB39(32.5-35)

TOTAL Metals

Lot-Sample #...: C8J220183-005 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Copper	11.3	3.0	mg/kg	SW846 6010B	10/29-10/31/08	K1CMD1AX
		Dilution Factor: 1		Analysis Time..: 06:00	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8303067	MDL.....: 0.32	
Iron	11300	12.0	mg/kg	SW846 6010B	10/29-10/31/08	K1CMD1A0
		Dilution Factor: 1		Analysis Time..: 06:00	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8303067	MDL.....: 1.5	
Potassium	690	598	mg/kg	SW846 6010B	10/29-10/31/08	K1CMD1A1
		Dilution Factor: 1		Analysis Time..: 06:00	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8303067	MDL.....: 89.7	
Magnesium	6700	598	mg/kg	SW846 6010B	10/29-10/31/08	K1CMD1A2
		Dilution Factor: 1		Analysis Time..: 06:00	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8303067	MDL.....: 2.5	
Manganese	265	1.8	mg/kg	SW846 6010B	10/29-10/31/08	K1CMD1A3
		Dilution Factor: 1		Analysis Time..: 06:00	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8303067	MDL.....: 0.073	
Sodium	117 B J	598	mg/kg	SW846 6010B	10/29-10/31/08	K1CMD1A4
		Dilution Factor: 1		Analysis Time..: 06:00	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8303067	MDL.....: 17.4	
Nickel	11.3	4.8	mg/kg	SW846 6010B	10/29-10/31/08	K1CMD1A5
		Dilution Factor: 1		Analysis Time..: 06:00	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8303067	MDL.....: 0.17	
Lead	4.8	0.36	mg/kg	SW846 6010B	10/29-10/31/08	K1CMD1A6
		Dilution Factor: 1		Analysis Time..: 06:00	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8303067	MDL.....: 0.19	
Selenium	ND	0.60	mg/kg	SW846 6010B	10/29-10/31/08	K1CMD1AA
		Dilution Factor: 1		Analysis Time..: 06:00	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8303067	MDL.....: 0.21	
Thallium	ND	1.2	mg/kg	SW846 6010B	10/29-10/31/08	K1CMD1AC
		Dilution Factor: 1		Analysis Time..: 06:00	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8303067	MDL.....: 0.37	

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ENSR International

Client Sample ID: SB39(32.5-35)

TOTAL Metals

Lot-Sample #...: C8J220183-005 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	ND	1.2	mg/kg	SW846 6010B	10/29-10/31/08	K1CMD1AD
		Dilution Factor: 1		Analysis Time..: 06:00	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8303067	MDL.....: 0.25	
Vanadium	**11.4**	**6.0**	**mg/kg**	**SW846 6010B**	**10/29-10/31/08**	**K1CMD1AE**
		Dilution Factor: 1		Analysis Time..: 06:00	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8303067	MDL.....: 0.29	
Zinc	**32.1 J**	**2.4**	**mg/kg**	**SW846 6010B**	**10/29-10/31/08**	**K1CMD1AF**
		Dilution Factor: 1		Analysis Time..: 06:00	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8303067	MDL.....: 0.22	
Prep Batch #...: 8304032						
Mercury	**0.012 B J**	**0.039**	**mg/kg**	**SW846 7471A**	**10/30/08**	**K1CMD1AG**
		Dilution Factor: 1		Analysis Time..: 10:14	Analyst ID.....: 031043	
		Instrument ID..: HGHYDRA		MS Run #.....: 8304020	MDL.....: 0.0030	

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.

ENSR International

Client Sample ID: SB39(47.5-50)

TOTAL Metals

Lot-Sample #...: C8J220183-006 Matrix.....: SO
Date Sampled...: 10/20/08 Date Received..: 10/21/08
% Moisture.....: 18

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8303105						
Silver	~~0.11 B,J~~ 0.61 U	0.61	mg/kg	SW846 6010B	10/29-10/31/08	K1CMG1AM
		Dilution Factor: 1		Analysis Time..: 06:06	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8303067	MDL.....: 0.081	
Aluminum	4100	24.4	mg/kg	SW846 6010B	10/29-10/31/08	K1CMG1AN
		Dilution Factor: 1		Analysis Time..: 06:06	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8303067	MDL.....: 2.9	
Arsenic	2.4	1.2	mg/kg	SW846 6010B	10/29-10/31/08	K1CMG1AP
		Dilution Factor: 1		Analysis Time..: 06:06	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8303067	MDL.....: 0.35	
Barium	25.7	24.4	mg/kg	SW846 6010B	10/29-10/31/08	K1CMG1AQ
		Dilution Factor: 1		Analysis Time..: 06:06	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8303067	MDL.....: 0.096	
Beryllium	~~0.42 B,J~~ 0.49 U	0.49	mg/kg	SW846 6010B	10/29-10/31/08	K1CMG1AR
		Dilution Factor: 1		Analysis Time..: 06:06	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8303067	MDL.....: 0.018	
Calcium	31500	611	mg/kg	SW846 6010B	10/29-10/31/08	K1CMG1AT
		Dilution Factor: 1		Analysis Time..: 06:06	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8303067	MDL.....: 2.1	
Cadmium	~~0.22 B,J~~ 0.61 U	0.61	mg/kg	SW846 6010B	10/29-10/31/08	K1CMG1AU
		Dilution Factor: 1		Analysis Time..: 06:06	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8303067	MDL.....: 0.026	
Cobalt	4.4 ~~B~~ J	6.1	mg/kg	SW846 6010B	10/29-10/31/08	K1CMG1AV
		Dilution Factor: 1		Analysis Time..: 06:06	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8303067	MDL.....: 0.099	
Chromium	6.2	0.61	mg/kg	SW846 6010B	10/29-10/31/08	K1CMG1AW
		Dilution Factor: 1		Analysis Time..: 06:06	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8303067	MDL.....: 0.068	

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ENSR International

Client Sample ID: SB39(47.5-50)

TOTAL Metals

Lot-Sample #...: C8J220183-006 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Copper	11.4	3.1	mg/kg	SW846 6010B	10/29-10/31/08	K1CMG1AX
		Dilution Factor: 1		Analysis Time..: 06:06	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8303067	MDL.....: 0.32	
Iron	9720	12.2	mg/kg	SW846 6010B	10/29-10/31/08	K1CMG1A0
		Dilution Factor: 1		Analysis Time..: 06:06	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8303067	MDL.....: 1.6	
Potassium	631	611	mg/kg	SW846 6010B	10/29-10/31/08	K1CMG1A1
		Dilution Factor: 1		Analysis Time..: 06:06	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8303067	MDL.....: 91.6	
Magnesium	8070	611	mg/kg	SW846 6010B	10/29-10/31/08	K1CMG1A2
		Dilution Factor: 1		Analysis Time..: 06:06	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8303067	MDL.....: 2.5	
Manganese	241	1.8	mg/kg	SW846 6010B	10/29-10/31/08	K1CMG1A3
		Dilution Factor: 1		Analysis Time..: 06:06	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8303067	MDL.....: 0.074	
Sodium	137 B J	611	mg/kg	SW846 6010B	10/29-10/31/08	K1CMG1A4
		Dilution Factor: 1		Analysis Time..: 06:06	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8303067	MDL.....: 17.7	
Nickel	10.1	4.9	mg/kg	SW846 6010B	10/29-10/31/08	K1CMG1A5
		Dilution Factor: 1		Analysis Time..: 06:06	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8303067	MDL.....: 0.17	
Lead	4.3	0.37	mg/kg	SW846 6010B	10/29-10/31/08	K1CMG1A6
		Dilution Factor: 1		Analysis Time..: 06:06	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8303067	MDL.....: 0.19	
Selenium	ND	0.61	mg/kg	SW846 6010B	10/29-10/31/08	K1CMG1AA
		Dilution Factor: 1		Analysis Time..: 06:06	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8303067	MDL.....: 0.21	
Thallium	ND	1.2	mg/kg	SW846 6010B	10/29-10/31/08	K1CMG1AC
		Dilution Factor: 1		Analysis Time..: 06:06	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8303067	MDL.....: 0.38	

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ENSR International

Client Sample ID: SB39(47.5-50)

TOTAL Metals

Lot-Sample #...: C8J220183-006 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	ND	1.2	mg/kg	SW846 6010B	10/29-10/31/08	K1CMG1AD
		Dilution Factor: 1		Analysis Time..: 06:06	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8303067	MDL.....: 0.26	
Vanadium	**10.5**	**6.1**	**mg/kg**	**SW846 6010B**	**10/29-10/31/08**	**K1CMG1AE**
		Dilution Factor: 1		Analysis Time..: 06:06	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8303067	MDL.....: 0.30	
Zinc	**29.2 J**	**2.4**	**mg/kg**	**SW846 6010B**	**10/29-10/31/08**	**K1CMG1AF**
		Dilution Factor: 1		Analysis Time..: 06:06	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8303067	MDL.....: 0.23	
Prep Batch #...: 8304032						
Mercury	**0.013 B J**	**0.040**	**mg/kg**	**SW846 7471A**	**10/30/08**	**K1CMG1AG**
		Dilution Factor: 1		Analysis Time..: 10:16	Analyst ID.....: 031043	
		Instrument ID..: HGHYDRA		MS Run #.....: 8304020	MDL.....: 0.0031	

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.

ENSR International

Client Sample ID: SB34(32.5-35)

TOTAL Metals

Lot-Sample #...: C8J290111-001 Matrix.....: SO
Date Sampled...: 10/21/08 Date Received..: 10/28/08
% Moisture.....: 16

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8306097						
Silver	ND	0.59	mg/kg	SW846 6010B	11/01-11/06/08	K1TDF1AE
		Dilution Factor: 1		Analysis Time..: 17:51	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 0.078	
Aluminum	**4420**	**23.7**	**mg/kg**	**SW846 6010B**	**11/01-11/06/08**	**K1TDF1AF**
		Dilution Factor: 1		Analysis Time..: 17:51	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 2.8	
Arsenic	**1.4**	**1.2**	**mg/kg**	**SW846 6010B**	**11/01-11/06/08**	**K1TDF1AG**
		Dilution Factor: 1		Analysis Time..: 17:51	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 0.34	
Barium	**21.1 B J**	**23.7**	**mg/kg**	**SW846 6010B**	**11/01-11/06/08**	**K1TDF1AH**
		Dilution Factor: 1		Analysis Time..: 17:51	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 0.094	
Beryllium	~~0.45 B,J~~ 0.47 U	**0.47**	**mg/kg**	**SW846 6010B**	**11/01-11/06/08**	**K1TDF1AJ**
		Dilution Factor: 1		Analysis Time..: 17:51	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 0.018	
Calcium	**6940 J**	**593**	**mg/kg**	**SW846 6010B**	**11/01-11/06/08**	**K1TDF1AK**
		Dilution Factor: 1		Analysis Time..: 17:51	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 2.0	
Cadmium	**0.25 B J**	**0.59**	**mg/kg**	**SW846 6010B**	**11/01-11/06/08**	**K1TDF1AL**
		Dilution Factor: 1		Analysis Time..: 17:51	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 0.025	
Cobalt	**4.6 B J**	**5.9**	**mg/kg**	**SW846 6010B**	**11/01-11/06/08**	**K1TDF1AM**
		Dilution Factor: 1		Analysis Time..: 17:51	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 0.096	
Chromium	**7.1**	**0.59**	**mg/kg**	**SW846 6010B**	**11/01-11/06/08**	**K1TDF1AN**
		Dilution Factor: 1		Analysis Time..: 17:51	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 0.066	

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ENSR International

Client Sample ID: SB34(32.5-35)

TOTAL Metals

Lot-Sample #...: C8J290111-001 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Copper	7.3	3.0	mg/kg	SW846 6010B	11/01-11/06/08	K1TDF1AP
		Dilution Factor: 1		Analysis Time..: 17:51	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 0.31	
Iron	10900 J	11.9	mg/kg	SW846 6010B	11/01-11/06/08	K1TDF1AQ
		Dilution Factor: 1		Analysis Time..: 17:51	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 1.5	
Potassium	637	593	mg/kg	SW846 6010B	11/01-11/06/08	K1TDF1AR
		Dilution Factor: 1		Analysis Time..: 17:51	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 88.9	
Magnesium	3880	593	mg/kg	SW846 6010B	11/01-11/06/08	K1TDF1AT
		Dilution Factor: 1		Analysis Time..: 17:51	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 2.5	
Manganese	127	1.8	mg/kg	SW846 6010B	11/01-11/06/08	K1TDF1AU
		Dilution Factor: 1		Analysis Time..: 17:51	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 0.072	
Sodium	130 B J	593	mg/kg	SW846 6010B	11/01-11/06/08	K1TDF1AV
		Dilution Factor: 1		Analysis Time..: 17:51	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 17.2	
Nickel	10.1	4.7	mg/kg	SW846 6010B	11/01-11/06/08	K1TDF1AW
		Dilution Factor: 1		Analysis Time..: 17:51	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 0.17	
Lead	4.1	0.36	mg/kg	SW846 6010B	11/01-11/06/08	K1TDF1AX
		Dilution Factor: 1		Analysis Time..: 17:51	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 0.19	
Selenium	~~0.21 B~~ 0.59U	0.59	mg/kg	SW846 6010B	11/01-11/06/08	K1TDF1A0
		Dilution Factor: 1		Analysis Time..: 17:51	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 0.21	
Thallium	ND	1.2	mg/kg	SW846 6010B	11/01-11/06/08	K1TDF1A1
		Dilution Factor: 1		Analysis Time..: 17:51	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 0.37	

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ENSR International

Client Sample ID: SB34(32.5-35)

TOTAL Metals

Lot-Sample #...: C8J290111-001 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	ND	1.2	mg/kg	SW846 6010B	11/01-11/06/08	K1TDF1A2
		Dilution Factor: 1		Analysis Time..: 17:51	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 0.25	
Vanadium	**12.8**	**5.9**	**mg/kg**	**SW846 6010B**	**11/01-11/06/08**	**K1TDF1A3**
		Dilution Factor: 1		Analysis Time..: 17:51	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 0.29	
Zinc	**33.1 J**	**2.4**	**mg/kg**	**SW846 6010B**	**11/01-11/06/08**	**K1TDF1A4**
		Dilution Factor: 1		Analysis Time..: 17:51	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 0.22	
Prep Batch #...: 8315024						
Mercury	**0.013 B J**	**0.039**	**mg/kg**	**SW846 7471A**	**11/10/08**	**K1TDF1A5**
		Dilution Factor: 1		Analysis Time..: 09:53	Analyst ID.....: 031043	
		Instrument ID..: HGHYDRA		MS Run #.....: 8315018	MDL.....: 0.0030	

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.

ENSR International

Client Sample ID: SB34(42.5-45)

TOTAL Metals

Lot-Sample #...: C8J290111-002 Matrix.....: SO
Date Sampled...: 10/21/08 Date Received..: 10/28/08
% Moisture.....: 15

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8306097						
Silver	ND	0.59	mg/kg	SW846 6010B	11/01-11/06/08	K1TDG1AM
		Dilution Factor: 1		Analysis Time..: 17:57	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 0.078	
Aluminum	**3520**	**23.5**	**mg/kg**	**SW846 6010B**	**11/01-11/06/08**	**K1TDG1AN**
		Dilution Factor: 1		Analysis Time..: 17:57	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 2.8	
Arsenic	**1.5**	**1.2**	**mg/kg**	**SW846 6010B**	**11/01-11/06/08**	**K1TDG1AP**
		Dilution Factor: 1		Analysis Time..: 17:57	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 0.34	
Barium	**21.1 B J**	**23.5**	**mg/kg**	**SW846 6010B**	**11/01-11/06/08**	**K1TDG1AQ**
		Dilution Factor: 1		Analysis Time..: 17:57	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 0.093	
Beryllium	~~**0.38 B,J**~~ 0.47U	**0.47**	**mg/kg**	**SW846 6010B**	**11/01-11/06/08**	**K1TDG1AR**
		Dilution Factor: 1		Analysis Time..: 17:57	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 0.018	
Calcium	**28700 J**	**587**	**mg/kg**	**SW846 6010B**	**11/01-11/06/08**	**K1TDG1AT**
		Dilution Factor: 1		Analysis Time..: 17:57	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 2.0	
Cadmium	**0.24 B J**	**0.59**	**mg/kg**	**SW846 6010B**	**11/01-11/06/08**	**K1TDG1AU**
		Dilution Factor: 1		Analysis Time..: 17:57	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 0.025	
Cobalt	**4.0 B J**	**5.9**	**mg/kg**	**SW846 6010B**	**11/01-11/06/08**	**K1TDG1AV**
		Dilution Factor: 1		Analysis Time..: 17:57	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 0.095	
Chromium	**6.3**	**0.59**	**mg/kg**	**SW846 6010B**	**11/01-11/06/08**	**K1TDG1AW**
		Dilution Factor: 1		Analysis Time..: 17:57	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 0.066	

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ENSR International

Client Sample ID: SB34(42.5-45)

TOTAL Metals

Lot-Sample #...: C8J290111-002 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Copper	9.8	2.9	mg/kg	SW846 6010B	11/01-11/06/08	K1TDG1AX
		Dilution Factor: 1		Analysis Time..: 17:57	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 0.31	
Iron	9960 ~~J~~	11.7	mg/kg	SW846 6010B	11/01-11/06/08	K1TDG1A0
		Dilution Factor: 1		Analysis Time..: 17:57	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 1.5	
Potassium	640	587	mg/kg	SW846 6010B	11/01-11/06/08	K1TDG1A1
		Dilution Factor: 1		Analysis Time..: 17:57	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 88.1	
Magnesium	6660	587	mg/kg	SW846 6010B	11/01-11/06/08	K1TDG1A2
		Dilution Factor: 1		Analysis Time..: 17:57	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 2.5	
Manganese	226	1.8	mg/kg	SW846 6010B	11/01-11/06/08	K1TDG1A3
		Dilution Factor: 1		Analysis Time..: 17:57	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 0.072	
Sodium	94.6 ~~B~~ J	587	mg/kg	SW846 6010B	11/01-11/06/08	K1TDG1A4
		Dilution Factor: 1		Analysis Time..: 17:57	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 17.0	
Nickel	8.9	4.7	mg/kg	SW846 6010B	11/01-11/06/08	K1TDG1A5
		Dilution Factor: 1		Analysis Time..: 17:57	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 0.17	
Lead	3.6	0.35	mg/kg	SW846 6010B	11/01-11/06/08	K1TDG1A6
		Dilution Factor: 1		Analysis Time..: 17:57	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 0.18	
Selenium	ND	0.59	mg/kg	SW846 6010B	11/01-11/06/08	K1TDG1AA
		Dilution Factor: 1		Analysis Time..: 17:57	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 0.20	
Thallium	ND	1.2	mg/kg	SW846 6010B	11/01-11/06/08	K1TDG1AC
		Dilution Factor: 1		Analysis Time..: 17:57	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 0.36	

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ENSR International

Client Sample ID: SB34(42.5-45)

TOTAL Metals

Lot-Sample #...: C8J290111-002 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	ND	1.2	mg/kg	SW846 6010B	11/01-11/06/08	K1TDG1AD
		Dilution Factor: 1		Analysis Time..: 17:57	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 0.25	
Vanadium	**12.7**	**5.9**	**mg/kg**	**SW846 6010B**	**11/01-11/06/08**	**K1TDG1AE**
		Dilution Factor: 1		Analysis Time..: 17:57	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 0.28	
Zinc	**27.4 J**	**2.3**	**mg/kg**	**SW846 6010B**	**11/01-11/06/08**	**K1TDG1AF**
		Dilution Factor: 1		Analysis Time..: 17:57	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 0.22	
Prep Batch #...: 8315024						
Mercury	**0.0086 B J**	**0.039**	**mg/kg**	**SW846 7471A**	**11/10/08**	**K1TDG1AG**
		Dilution Factor: 1		Analysis Time..: 09:55	Analyst ID.....: 031043	
		Instrument ID..: HGHYDRA		MS Run #.....: 8315018	MDL.....: 0.0029	

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.

ENSR International

Client Sample ID: SB33(22.5-25)

TOTAL Metals

Lot-Sample #...: C8J290111-003 Matrix.....: SO
Date Sampled...: 10/22/08 Date Received..: 10/28/08
% Moisture.....: 15

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8306097						
Silver	0.080 ~~B~~ J	0.59	mg/kg	SW846 6010B	11/01-11/06/08	K1TDH1AM
		Dilution Factor: 1		Analysis Time..: 18:02	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 0.078	
Aluminum	4090	23.7	mg/kg	SW846 6010B	11/01-11/06/08	K1TDH1AN
		Dilution Factor: 1		Analysis Time..: 18:02	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 2.8	
Arsenic	1.7	1.2	mg/kg	SW846 6010B	11/01-11/06/08	K1TDH1AP
		Dilution Factor: 1		Analysis Time..: 18:02	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 0.34	
Barium	19.5 ~~B~~ J	23.7	mg/kg	SW846 6010B	11/01-11/06/08	K1TDH1AQ
		Dilution Factor: 1		Analysis Time..: 18:02	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 0.093	
Beryllium	~~0.42 B,J~~ 0.47U	0.47	mg/kg	SW846 6010B	11/01-11/06/08	K1TDH1AR
		Dilution Factor: 1		Analysis Time..: 18:02	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 0.018	
Calcium	28000 ~~J~~	592	mg/kg	SW846 6010B	11/01-11/06/08	K1TDH1AT
		Dilution Factor: 1		Analysis Time..: 18:02	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 2.0	
Cadmium	0.25 ~~B~~ J	0.59	mg/kg	SW846 6010B	11/01-11/06/08	K1TDH1AU
		Dilution Factor: 1		Analysis Time..: 18:02	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 0.025	
Cobalt	4.3 ~~B~~ J	5.9	mg/kg	SW846 6010B	11/01-11/06/08	K1TDH1AV
		Dilution Factor: 1		Analysis Time..: 18:02	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 0.096	
Chromium	7.0	0.59	mg/kg	SW846 6010B	11/01-11/06/08	K1TDH1AW
		Dilution Factor: 1		Analysis Time..: 18:02	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 0.066	

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ENSR International

Client Sample ID: SB33(22.5-25)

TOTAL Metals

Lot-Sample #...: C8J290111-003 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Copper	9.9	3.0	mg/kg	SW846 6010B	11/01-11/06/08	K1TDH1AX
		Dilution Factor: 1		Analysis Time..: 18:02	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 0.31	
Iron	10800 J	11.8	mg/kg	SW846 6010B	11/01-11/06/08	K1TDH1A0
		Dilution Factor: 1		Analysis Time..: 18:02	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 1.5	
Potassium	759	592	mg/kg	SW846 6010B	11/01-11/06/08	K1TDH1A1
		Dilution Factor: 1		Analysis Time..: 18:02	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 88.7	
Magnesium	6440	592	mg/kg	SW846 6010B	11/01-11/06/08	K1TDH1A2
		Dilution Factor: 1		Analysis Time..: 18:02	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 2.5	
Manganese	279	1.8	mg/kg	SW846 6010B	11/01-11/06/08	K1TDH1A3
		Dilution Factor: 1		Analysis Time..: 18:02	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 0.072	
Sodium	153 B J	592	mg/kg	SW846 6010B	11/01-11/06/08	K1TDH1A4
		Dilution Factor: 1		Analysis Time..: 18:02	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 17.2	
Nickel	10.0	4.7	mg/kg	SW846 6010B	11/01-11/06/08	K1TDH1A5
		Dilution Factor: 1		Analysis Time..: 18:02	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 0.17	
Lead	4.4	0.35	mg/kg	SW846 6010B	11/01-11/06/08	K1TDH1A6
		Dilution Factor: 1		Analysis Time..: 18:02	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 0.19	
Selenium	ND	0.59	mg/kg	SW846 6010B	11/01-11/06/08	K1TDH1AA
		Dilution Factor: 1		Analysis Time..: 18:02	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 0.21	
Thallium	ND	1.2	mg/kg	SW846 6010B	11/01-11/06/08	K1TDH1AC
		Dilution Factor: 1		Analysis Time..: 18:02	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 0.36	

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ENSR International

Client Sample ID: SB33(22.5-25)

TOTAL Metals

Lot-Sample #...: C8J290111-003 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	ND	1.2	mg/kg	SW846 6010B	11/01-11/06/08	K1TDH1AD
		Dilution Factor: 1		Analysis Time..: 18:02	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 0.25	
Vanadium	12.5	5.9	mg/kg	SW846 6010B	11/01-11/06/08	K1TDH1AE
		Dilution Factor: 1		Analysis Time..: 18:02	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 0.29	
Zinc	30.6 J	2.4	mg/kg	SW846 6010B	11/01-11/06/08	K1TDH1AF
		Dilution Factor: 1		Analysis Time..: 18:02	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 0.22	
Prep Batch #...: 8315024						
Mercury	0.0075 B J	0.039	mg/kg	SW846 7471A	11/10/08	K1TDH1AG
		Dilution Factor: 1		Analysis Time..: 10:00	Analyst ID.....: 031043	
		Instrument ID..: HGHYDRA		MS Run #.....: 8315018	MDL.....: 0.0030	

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.

ENSR International

Client Sample ID: SB33(35-37.5)

TOTAL Metals

Lot-Sample #...: C8J290111-004 Matrix.....: SO
Date Sampled...: 10/22/08 Date Received..: 10/28/08
% Moisture.....: 14

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8306097						
Silver	ND	0.58	mg/kg	SW846 6010B	11/01-11/06/08	K1TDJ1AM
		Dilution Factor: 1		Analysis Time..: 18:08	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 0.077	
Aluminum	2710	23.4	mg/kg	SW846 6010B	11/01-11/06/08	K1TDJ1AN
		Dilution Factor: 1		Analysis Time..: 18:08	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 2.8	
Arsenic	1.3	1.2	mg/kg	SW846 6010B	11/01-11/06/08	K1TDJ1AP
		Dilution Factor: 1		Analysis Time..: 18:08	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 0.34	
Barium	14.3 B J	23.4	mg/kg	SW846 6010B	11/01-11/06/08	K1TDJ1AQ
		Dilution Factor: 1		Analysis Time..: 18:08	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 0.092	
Beryllium	~~0.34 B,J~~ 0.47U	0.47	mg/kg	SW846 6010B	11/01-11/06/08	K1TDJ1AR
		Dilution Factor: 1		Analysis Time..: 18:08	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 0.018	
Calcium	31800 J	584	mg/kg	SW846 6010B	11/01-11/06/08	K1TDJ1AT
		Dilution Factor: 1		Analysis Time..: 18:08	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 2.0	
Cadmium	0.22 B J	0.58	mg/kg	SW846 6010B	11/01-11/06/08	K1TDJ1AU
		Dilution Factor: 1		Analysis Time..: 18:08	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 0.025	
Cobalt	2.8 B J	5.8	mg/kg	SW846 6010B	11/01-11/06/08	K1TDJ1AV
		Dilution Factor: 1		Analysis Time..: 18:08	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 0.095	
Chromium	4.7	0.58	mg/kg	SW846 6010B	11/01-11/06/08	K1TDJ1AW
		Dilution Factor: 1		Analysis Time..: 18:08	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 0.065	

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ENSR International

Client Sample ID: SB33(35-37.5)

TOTAL Metals

Lot-Sample #...: C8J290111-004 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Copper	6.1	2.9	mg/kg	SW846 6010B	11/01-11/06/08	K1TDJ1AX
		Dilution Factor: 1		Analysis Time..: 18:08	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 0.31	
Iron	8360 J	11.7	mg/kg	SW846 6010B	11/01-11/06/08	K1TDJ1A0
		Dilution Factor: 1		Analysis Time..: 18:08	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 1.5	
Potassium	475 B J	584	mg/kg	SW846 6010B	11/01-11/06/08	K1TDJ1A1
		Dilution Factor: 1		Analysis Time..: 18:08	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 87.7	
Magnesium	4200	584	mg/kg	SW846 6010B	11/01-11/06/08	K1TDJ1A2
		Dilution Factor: 1		Analysis Time..: 18:08	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 2.4	
Manganese	334	1.8	mg/kg	SW846 6010B	11/01-11/06/08	K1TDJ1A3
		Dilution Factor: 1		Analysis Time..: 18:08	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 0.071	
Sodium	47.9 B J	584	mg/kg	SW846 6010B	11/01-11/06/08	K1TDJ1A4
		Dilution Factor: 1		Analysis Time..: 18:08	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 17.0	
Nickel	6.3	4.7	mg/kg	SW846 6010B	11/01-11/06/08	K1TDJ1A5
		Dilution Factor: 1		Analysis Time..: 18:08	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 0.17	
Lead	2.5	0.35	mg/kg	SW846 6010B	11/01-11/06/08	K1TDJ1A6
		Dilution Factor: 1		Analysis Time..: 18:08	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 0.18	
Selenium	ND	0.58	mg/kg	SW846 6010B	11/01-11/06/08	K1TDJ1AA
		Dilution Factor: 1		Analysis Time..: 18:08	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 0.20	
Thallium	ND	1.2	mg/kg	SW846 6010B	11/01-11/06/08	K1TDJ1AC
		Dilution Factor: 1		Analysis Time..: 18:08	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 0.36	

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ENSR International

Client Sample ID: SB33(35-37.5)

TOTAL Metals

Lot-Sample #...: C8J290111-004 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	ND	1.2	mg/kg	SW846 6010B	11/01-11/06/08	K1TDJ1AD
		Dilution Factor: 1		Analysis Time..: 18:08	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 0.25	
Vanadium	**9.2**	**5.8**	**mg/kg**	**SW846 6010B**	**11/01-11/06/08**	**K1TDJ1AE**
		Dilution Factor: 1		Analysis Time..: 18:08	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 0.28	
Zinc	**22.1 J**	**2.3**	**mg/kg**	**SW846 6010B**	**11/01-11/06/08**	**K1TDJ1AF**
		Dilution Factor: 1		Analysis Time..: 18:08	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 0.22	
Prep Batch #...: 8315024						
Mercury	**0.0053 B J**	**0.039**	**mg/kg**	**SW846 7471A**	**11/10/08**	**K1TDJ1AG**
		Dilution Factor: 1		Analysis Time..: 10:02	Analyst ID.....: 031043	
		Instrument ID..: HGHYDRA		MS Run #.....: 8315018	MDL.....: 0.0029	

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.

KNSR International

Client Sample ID: SB28(33.5-35)

TOTAL Metals

Lot-Sample #...: C8J290111-005 Matrix.....: SO
Date Sampled...: 10/23/08 Date Received..: 10/28/08
% Moisture.....: 17

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8306097						
Silver	ND	0.60	mg/kg	SW846 6010B	11/01-11/06/08	K1TDK1AM
		Dilution Factor: 1		Analysis Time..: 18:13	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 0.080	
Aluminum	**2500**	**24.1**	**mg/kg**	**SW846 6010B**	**11/01-11/06/08**	**K1TDK1AN**
		Dilution Factor: 1		Analysis Time..: 18:13	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 2.9	
Arsenic	**1.5**	**1.2**	**mg/kg**	**SW846 6010B**	**11/01-11/06/08**	**K1TDK1AP**
		Dilution Factor: 1		Analysis Time..: 18:13	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 0.35	
Barium	**12.0 B J**	**24.1**	**mg/kg**	**SW846 6010B**	**11/01-11/06/08**	**K1TDK1AQ**
		Dilution Factor: 1		Analysis Time..: 18:13	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 0.095	
Beryllium	~~0.31 B,J~~ 0.48 U	**0.48**	**mg/kg**	**SW846 6010B**	**11/01-11/06/08**	**K1TDK1AR**
		Dilution Factor: 1		Analysis Time..: 18:13	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 0.018	
Calcium	**22500 J**	**603**	**mg/kg**	**SW846 6010B**	**11/01-11/06/08**	**K1TDK1AT**
		Dilution Factor: 1		Analysis Time..: 18:13	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 2.0	
Cadmium	**0.19 B J**	**0.60**	**mg/kg**	**SW846 6010B**	**11/01-11/06/08**	**K1TDK1AU**
		Dilution Factor: 1		Analysis Time..: 18:13	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 0.025	
Cobalt	**2.5 B J**	**6.0**	**mg/kg**	**SW846 6010B**	**11/01-11/06/08**	**K1TDK1AV**
		Dilution Factor: 1		Analysis Time..: 18:13	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 0.098	
Chromium	**4.6**	**0.60**	**mg/kg**	**SW846 6010B**	**11/01-11/06/08**	**K1TDK1AW**
		Dilution Factor: 1		Analysis Time..: 18:13	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 0.068	

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ENSR International

Client Sample ID: SB28(33.5-35)

TOTAL Metals

Lot-Sample #...: C8J290111-005 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Copper	5.8	3.0	mg/kg	SW846 6010B	11/01-11/06/08	K1TDK1AX
		Dilution Factor: 1		Analysis Time..: 18:13	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 0.32	
Iron	8750 J	12.1	mg/kg	SW846 6010B	11/01-11/06/08	K1TDK1A0
		Dilution Factor: 1		Analysis Time..: 18:13	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 1.6	
Potassium	463 B J	603	mg/kg	SW846 6010B	11/01-11/06/08	K1TDK1A1
		Dilution Factor: 1		Analysis Time..: 18:13	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 90.4	
Magnesium	4040	603	mg/kg	SW846 6010B	11/01-11/06/08	K1TDK1A2
		Dilution Factor: 1		Analysis Time..: 18:13	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 2.5	
Manganese	132	1.8	mg/kg	SW846 6010B	11/01-11/06/08	K1TDK1A3
		Dilution Factor: 1		Analysis Time..: 18:13	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 0.074	
Sodium	61.3 B J	603	mg/kg	SW846 6010B	11/01-11/06/08	K1TDK1A4
		Dilution Factor: 1		Analysis Time..: 18:13	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 17.5	
Nickel	5.9	4.8	mg/kg	SW846 6010B	11/01-11/06/08	K1TDK1A5
		Dilution Factor: 1		Analysis Time..: 18:13	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 0.17	
Lead	2.4	0.36	mg/kg	SW846 6010B	11/01-11/06/08	K1TDK1A6
		Dilution Factor: 1		Analysis Time..: 18:13	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 0.19	
Selenium	ND	0.60	mg/kg	SW846 6010B	11/01-11/06/08	K1TDK1AA
		Dilution Factor: 1		Analysis Time..: 18:13	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 0.21	
Thallium	ND	1.2	mg/kg	SW846 6010B	11/01-11/06/08	K1TDK1AC
		Dilution Factor: 1		Analysis Time..: 18:13	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 0.37	

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ENSR International

Client Sample ID: SB28(33.5-35)

TOTAL Metals

Lot-Sample #...: C8J290111-005 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	ND	1.2	mg/kg	SW846 6010B	11/01-11/06/08	K1TDK1AD
		Dilution Factor: 1		Analysis Time..: 18:13	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 0.25	
Vanadium	**11.0**	**6.0**	**mg/kg**	**SW846 6010B**	**11/01-11/06/08**	**K1TDK1AE**
		Dilution Factor: 1		Analysis Time..: 18:13	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 0.29	
Zinc	**21.1 J**	**2.4**	**mg/kg**	**SW846 6010B**	**11/01-11/06/08**	**K1TDK1AF**
		Dilution Factor: 1		Analysis Time..: 18:13	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 0.22	
Prep Batch #...: 8315024						
Mercury	**0.0036 B J**	**0.040**	**mg/kg**	**SW846 7471A**	**11/10/08**	**K1TDK1AG**
		Dilution Factor: 1		Analysis Time..: 10:04	Analyst ID.....: 031043	
		Instrument ID..: HGHYDRA		MS Run #.....: 8315018	MDL.....: 0.0030	

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.

ENSR International

Client Sample ID: SB28(47.5-50)

TOTAL Metals

Lot-Sample #...: C8J290111-006 Matrix.....: SO
Date Sampled...: 10/23/08 Date Received..: 10/28/08
% Moisture.....: 14

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8306097						
Silver	ND	0.58	mg/kg	SW846 6010B	11/01-11/06/08	K1TDL1AM
		Dilution Factor: 1		Analysis Time..: 18:19	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 0.076	
Aluminum	**2820**	**23.2**	**mg/kg**	**SW846 6010B**	**11/01-11/06/08**	**K1TDL1AN**
		Dilution Factor: 1		Analysis Time..: 18:19	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 2.8	
Arsenic	**2.7**	**1.2**	**mg/kg**	**SW846 6010B**	**11/01-11/06/08**	**K1TDL1AP**
		Dilution Factor: 1		Analysis Time..: 18:19	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 0.33	
Barium	**14.3 B J**	**23.2**	**mg/kg**	**SW846 6010B**	**11/01-11/06/08**	**K1TDL1AQ**
		Dilution Factor: 1		Analysis Time..: 18:19	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 0.091	
Beryllium	~~0.35 B,J~~ 0.46 U	**0.46**	**mg/kg**	**SW846 6010B**	**11/01-11/06/08**	**K1TDL1AR**
		Dilution Factor: 1		Analysis Time..: 18:19	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 0.017	
Calcium	**29100 J**	**579**	**mg/kg**	**SW846 6010B**	**11/01-11/06/08**	**K1TDL1AT**
		Dilution Factor: 1		Analysis Time..: 18:19	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 2.0	
Cadmium	**0.21 B J**	**0.58**	**mg/kg**	**SW846 6010B**	**11/01-11/06/08**	**K1TDL1AU**
		Dilution Factor: 1		Analysis Time..: 18:19	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 0.024	
Cobalt	**3.0 B J**	**5.8**	**mg/kg**	**SW846 6010B**	**11/01-11/06/08**	**K1TDL1AV**
		Dilution Factor: 1		Analysis Time..: 18:19	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 0.094	
Chromium	**5.3**	**0.58**	**mg/kg**	**SW846 6010B**	**11/01-11/06/08**	**K1TDL1AW**
		Dilution Factor: 1		Analysis Time..: 18:19	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 0.065	

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ENSR International

Client Sample ID: SB28(47.5-50)

TOTAL Metals

Lot-Sample #...: C8J290111-006 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Copper	6.8	2.9	mg/kg	SW846 6010B	11/01-11/06/08	K1TDL1AX
		Dilution Factor: 1		Analysis Time..: 18:19	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 0.31	
Iron	8950 J	11.6	mg/kg	SW846 6010B	11/01-11/06/08	K1TDL1A0
		Dilution Factor: 1		Analysis Time..: 18:19	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 1.5	
Potassium	534 B J	579	mg/kg	SW846 6010B	11/01-11/06/08	K1TDL1A1
		Dilution Factor: 1		Analysis Time..: 18:19	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 86.8	
Magnesium	4610	579	mg/kg	SW846 6010B	11/01-11/06/08	K1TDL1A2
		Dilution Factor: 1		Analysis Time..: 18:19	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 2.4	
Manganese	172	1.7	mg/kg	SW846 6010B	11/01-11/06/08	K1TDL1A3
		Dilution Factor: 1		Analysis Time..: 18:19	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 0.071	
Sodium	82.6 B J	579	mg/kg	SW846 6010B	11/01-11/06/08	K1TDL1A4
		Dilution Factor: 1		Analysis Time..: 18:19	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 16.8	
Nickel	6.9	4.6	mg/kg	SW846 6010B	11/01-11/06/08	K1TDL1A5
		Dilution Factor: 1		Analysis Time..: 18:19	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 0.17	
Lead	2.7	0.35	mg/kg	SW846 6010B	11/01-11/06/08	K1TDL1A6
		Dilution Factor: 1		Analysis Time..: 18:19	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 0.18	
Selenium	ND	0.58	mg/kg	SW846 6010B	11/01-11/06/08	K1TDL1AA
		Dilution Factor: 1		Analysis Time..: 18:19	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 0.20	
Thallium	ND	1.2	mg/kg	SW846 6010B	11/01-11/06/08	K1TDL1AC
		Dilution Factor: 1		Analysis Time..: 18:19	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 0.36	

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ENSR International

Client Sample ID: SB28(47.5-50)

TOTAL Metals

Lot-Sample #...: C8J290111-006 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	ND	1.2	mg/kg	SW846 6010B	11/01-11/06/08	K1TDL1AD
		Dilution Factor: 1		Analysis Time..: 18:19	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 0.24	
Vanadium	**11.3**	**5.8**	**mg/kg**	**SW846 6010B**	**11/01-11/06/08**	**K1TDL1AE**
		Dilution Factor: 1		Analysis Time..: 18:19	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 0.28	
Zinc	**22.8 J**	**2.3**	**mg/kg**	**SW846 6010B**	**11/01-11/06/08**	**K1TDL1AF**
		Dilution Factor: 1		Analysis Time..: 18:19	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 0.21	
Prep Batch #...: 8315024						
Mercury	**0.0044 B J**	**0.038**	**mg/kg**	**SW846 7471A**	**11/10/08**	**K1TDL1AG**
		Dilution Factor: 1		Analysis Time..: 10:05	Analyst ID.....: 031043	
		Instrument ID..: HGHYDRA		MS Run #.....: 8315018	MDL.....: 0.0029	

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.

ENSR International

Client Sample ID: SB30(41.5-43.5)

TOTAL Metals

Lot-Sample #...: C8J290111-007 Matrix.....: SO
Date Sampled...: 10/27/08 Date Received..: 10/28/08
% Moisture.....: 18

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8306097						
Silver	ND	0.61	mg/kg	SW846 6010B	11/01-11/06/08	K1TDP1AM
		Dilution Factor: 1		Analysis Time..: 18:24	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 0.081	
Aluminum	**2730**	**24.4**	**mg/kg**	**SW846 6010B**	**11/01-11/06/08**	**K1TDP1AN**
		Dilution Factor: 1		Analysis Time..: 18:24	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 2.9	
Arsenic	**3.4**	**1.2**	**mg/kg**	**SW846 6010B**	**11/01-11/06/08**	**K1TDP1AP**
		Dilution Factor: 1		Analysis Time..: 18:24	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 0.35	
Barium	**11.0 B J**	**24.4**	**mg/kg**	**SW846 6010B**	**11/01-11/06/08**	**K1TDP1AQ**
		Dilution Factor: 1		Analysis Time..: 18:24	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 0.097	
Beryllium	~~0.34 B,J~~ 0.49U	**0.49**	**mg/kg**	**SW846 6010B**	**11/01-11/06/08**	**K1TDP1AR**
		Dilution Factor: 1		Analysis Time..: 18:24	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 0.018	
Calcium	**1830 J**	**611**	**mg/kg**	**SW846 6010B**	**11/01-11/06/08**	**K1TDP1AT**
		Dilution Factor: 1		Analysis Time..: 18:24	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 2.1	
Cadmium	**0.14 B J**	**0.61**	**mg/kg**	**SW846 6010B**	**11/01-11/06/08**	**K1TDP1AU**
		Dilution Factor: 1		Analysis Time..: 18:24	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 0.026	
Cobalt	**3.3 B J**	**6.1**	**mg/kg**	**SW846 6010B**	**11/01-11/06/08**	**K1TDP1AV**
		Dilution Factor: 1		Analysis Time..: 18:24	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 0.099	
Chromium	**4.7**	**0.61**	**mg/kg**	**SW846 6010B**	**11/01-11/06/08**	**K1TDP1AW**
		Dilution Factor: 1		Analysis Time..: 18:24	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 0.068	

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ENSR International

Client Sample ID: SB30(41.5-43.5)

TOTAL Metals

Lot-Sample #...: C8J290111-007 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Copper	4.0	3.1	mg/kg	SW846 6010B	11/01-11/06/08	K1TDP1AX
		Dilution Factor: 1		Analysis Time..: 18:24	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 0.32	
Iron	7510 J	12.2	mg/kg	SW846 6010B	11/01-11/06/08	K1TDP1A0
		Dilution Factor: 1		Analysis Time..: 18:24	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 1.6	
Potassium	438 B J	611	mg/kg	SW846 6010B	11/01-11/06/08	K1TDP1A1
		Dilution Factor: 1		Analysis Time..: 18:24	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 91.7	
Magnesium	1590	611	mg/kg	SW846 6010B	11/01-11/06/08	K1TDP1A2
		Dilution Factor: 1		Analysis Time..: 18:24	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 2.6	
Manganese	62.7	1.8	mg/kg	SW846 6010B	11/01-11/06/08	K1TDP1A3
		Dilution Factor: 1		Analysis Time..: 18:24	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 0.075	
Sodium	55.5 B J	611	mg/kg	SW846 6010B	11/01-11/06/08	K1TDP1A4
		Dilution Factor: 1		Analysis Time..: 18:24	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 17.7	
Nickel	6.8	4.9	mg/kg	SW846 6010B	11/01-11/06/08	K1TDP1A5
		Dilution Factor: 1		Analysis Time..: 18:24	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 0.17	
Lead	2.4	0.37	mg/kg	SW846 6010B	11/01-11/06/08	K1TDP1A6
		Dilution Factor: 1		Analysis Time..: 18:24	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 0.19	
Selenium	0.84	0.61	mg/kg	SW846 6010B	11/01-11/06/08	K1TDP1AA
		Dilution Factor: 1		Analysis Time..: 18:24	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 0.21	
Thallium	ND	1.2	mg/kg	SW846 6010B	11/01-11/06/08	K1TDP1AC
		Dilution Factor: 1		Analysis Time..: 18:24	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 0.38	

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ENSR International

Client Sample ID: SB30(41.5-43.5)

TOTAL Metals

Lot-Sample #...: C8J290111-007 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	ND	1.2	mg/kg	SW846 6010B	11/01-11/06/08	K1TDP1AD
		Dilution Factor: 1		Analysis Time..: 18:24	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 0.26	
Vanadium	**8.8**	**6.1**	**mg/kg**	**SW846 6010B**	**11/01-11/06/08**	**K1TDP1AE**
		Dilution Factor: 1		Analysis Time..: 18:24	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 0.30	
Zinc	**28.3 J**	**2.4**	**mg/kg**	**SW846 6010B**	**11/01-11/06/08**	**K1TDP1AF**
		Dilution Factor: 1		Analysis Time..: 18:24	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 0.23	
Prep Batch #...: 8315024						
Mercury	**0.0082 B J**	**0.040**	**mg/kg**	**SW846 7471A**	**11/10/08**	**K1TDP1AG**
		Dilution Factor: 1		Analysis Time..: 10:07	Analyst ID.....: 031043	
		Instrument ID..: HGHYDRA		MS Run #.....: 8315018	MDL.....: 0.0031	

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.

ENSR International

Client Sample ID: SB300(41.5-43.5)

TOTAL Metals

Lot-Sample #...: C8J290111-008 Matrix.....: SO
Date Sampled...: 10/27/08 Date Received..: 10/28/08
% Moisture.....: 15

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8306097						
Silver	ND	0.59	mg/kg	SW846 6010B	11/01-11/06/08	K1TDQ1AM
		Dilution Factor: 1		Analysis Time..: 18:41	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 0.078	
Aluminum	**3180**	**23.6**	**mg/kg**	**SW846 6010B**	**11/01-11/06/08**	**K1TDQ1AN**
		Dilution Factor: 1		Analysis Time..: 18:41	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 2.8	
Arsenic	**2.9**	**1.2**	**mg/kg**	**SW846 6010B**	**11/01-11/06/08**	**K1TDQ1AP**
		Dilution Factor: 1		Analysis Time..: 18:41	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 0.34	
Barium	**11.4 B J**	**23.6**	**mg/kg**	**SW846 6010B**	**11/01-11/06/08**	**K1TDQ1AQ**
		Dilution Factor: 1		Analysis Time..: 18:41	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 0.093	
Beryllium	~~0.31 B,J~~ 0.474	**0.47**	**mg/kg**	**SW846 6010B**	**11/01-11/06/08**	**K1TDQ1AR**
		Dilution Factor: 1		Analysis Time..: 18:41	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 0.018	
Calcium	**1800 J**	**589**	**mg/kg**	**SW846 6010B**	**11/01-11/06/08**	**K1TDQ1AT**
		Dilution Factor: 1		Analysis Time..: 18:41	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 2.0	
Cadmium	**0.17 B J**	**0.59**	**mg/kg**	**SW846 6010B**	**11/01-11/06/08**	**K1TDQ1AU**
		Dilution Factor: 1		Analysis Time..: 18:41	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 0.025	
Cobalt	**3.9 B J**	**5.9**	**mg/kg**	**SW846 6010B**	**11/01-11/06/08**	**K1TDQ1AV**
		Dilution Factor: 1		Analysis Time..: 18:41	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 0.095	
Chromium	**5.3**	**0.59**	**mg/kg**	**SW846 6010B**	**11/01-11/06/08**	**K1TDQ1AW**
		Dilution Factor: 1		Analysis Time..: 18:41	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 0.066	

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ENSR International

Client Sample ID: SB300(41.5-43.5)

TOTAL Metals

Lot-Sample #...: C8J290111-008 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Copper	5.7	2.9	mg/kg	SW846 6010B	11/01-11/06/08	K1TDQ1AX
		Dilution Factor: 1		Analysis Time..: 18:41	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 0.31	
Iron	8510 J	11.8	mg/kg	SW846 6010B	11/01-11/06/08	K1TDQ1A0
		Dilution Factor: 1		Analysis Time..: 18:41	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 1.5	
Potassium	471 B J	589	mg/kg	SW846 6010B	11/01-11/06/08	K1TDQ1A1
		Dilution Factor: 1		Analysis Time..: 18:41	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 88.3	
Magnesium	1740	589	mg/kg	SW846 6010B	11/01-11/06/08	K1TDQ1A2
		Dilution Factor: 1		Analysis Time..: 18:41	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 2.5	
Manganese	71.9	1.8	mg/kg	SW846 6010B	11/01-11/06/08	K1TDQ1A3
		Dilution Factor: 1		Analysis Time..: 18:41	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 0.072	
Sodium	54.7 B J	589	mg/kg	SW846 6010B	11/01-11/06/08	K1TDQ1A4
		Dilution Factor: 1		Analysis Time..: 18:41	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 17.1	
Nickel	7.9	4.7	mg/kg	SW846 6010B	11/01-11/06/08	K1TDQ1A5
		Dilution Factor: 1		Analysis Time..: 18:41	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 0.17	
Lead	2.7	0.35	mg/kg	SW846 6010B	11/01-11/06/08	K1TDQ1A6
		Dilution Factor: 1		Analysis Time..: 18:41	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 0.18	
Selenium	0.84	0.59	mg/kg	SW846 6010B	11/01-11/06/08	K1TDQ1AA
		Dilution Factor: 1		Analysis Time..: 18:41	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 0.20	
Thallium	ND	1.2	mg/kg	SW846 6010B	11/01-11/06/08	K1TDQ1AC
		Dilution Factor: 1		Analysis Time..: 18:41	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 0.36	

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ENSR International

Client Sample ID: SB300(41.5-43.5)

TOTAL Metals

Lot-Sample #...: C8J290111-008 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	ND	1.2	mg/kg	SW846 6010B	11/01-11/06/08	K1TDQ1AD
		Dilution Factor: 1		Analysis Time..: 18:41	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 0.25	
Vanadium	**8.2**	**5.9**	**mg/kg**	**SW846 6010B**	**11/01-11/06/08**	**K1TDQ1AE**
		Dilution Factor: 1		Analysis Time..: 18:41	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 0.28	
Zinc	**26.5 J**	**2.4**	**mg/kg**	**SW846 6010B**	**11/01-11/06/08**	**K1TDQ1AF**
		Dilution Factor: 1		Analysis Time..: 18:41	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 0.22	
Prep Batch #...: 8315024						
Mercury	**0.0067 B J**	**0.039**	**mg/kg**	**SW846 7471A**	**11/10/08**	**K1TDQ1AG**
		Dilution Factor: 1		Analysis Time..: 10:08	Analyst ID.....: 031043	
		Instrument ID..: HGHYDRA		MS Run #.....: 8315018	MDL.....: 0.0029	

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.

ENSR International

Client Sample ID: SB30(50-52.5)

TOTAL Metals

Lot-Sample #...: C8J290111-009 Matrix.....: SO
Date Sampled...: 10/27/08 Date Received..: 10/28/08
% Moisture.....: 15

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8306097						
Silver	ND	0.59	mg/kg	SW846 6010B	11/01-11/06/08	K1TDV1AM
		Dilution Factor: 1		Analysis Time..: 18:46	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 0.077	
Aluminum	**3580**	**23.4**	**mg/kg**	**SW846 6010B**	**11/01-11/06/08**	**K1TDV1AN**
		Dilution Factor: 1		Analysis Time..: 18:46	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 2.8	
Arsenic	**4.2**	**1.2**	**mg/kg**	**SW846 6010B**	**11/01-11/06/08**	**K1TDV1AP**
		Dilution Factor: 1		Analysis Time..: 18:46	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 0.34	
Barium	**15.6 B J**	**23.4**	**mg/kg**	**SW846 6010B**	**11/01-11/06/08**	**K1TDV1AQ**
		Dilution Factor: 1		Analysis Time..: 18:46	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 0.093	
Beryllium	~~**0.41 B,J**~~ 0.47U	**0.47**	**mg/kg**	**SW846 6010B**	**11/01-11/06/08**	**K1TDV1AR**
		Dilution Factor: 1		Analysis Time..: 18:46	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 0.018	
Calcium	**27500 J**	**586**	**mg/kg**	**SW846 6010B**	**11/01-11/06/08**	**K1TDV1AT**
		Dilution Factor: 1		Analysis Time..: 18:46	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 2.0	
Cadmium	**0.26 B J**	**0.59**	**mg/kg**	**SW846 6010B**	**11/01-11/06/08**	**K1TDV1AU**
		Dilution Factor: 1		Analysis Time..: 18:46	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 0.025	
Cobalt	**3.9 B J**	**5.9**	**mg/kg**	**SW846 6010B**	**11/01-11/06/08**	**K1TDV1AV**
		Dilution Factor: 1		Analysis Time..: 18:46	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 0.095	
Chromium	**6.5**	**0.59**	**mg/kg**	**SW846 6010B**	**11/01-11/06/08**	**K1TDV1AW**
		Dilution Factor: 1		Analysis Time..: 18:46	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 0.066	

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ENSR International

Client Sample ID: SB30(50-52.5)

TOTAL Metals

Lot-Sample #...: C8J290111-009 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Copper	9.6	2.9	mg/kg	SW846 6010B	11/01-11/06/08	K1TDV1AX
		Dilution Factor: 1		Analysis Time..: 18:46	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 0.31	
Iron	10300 J	11.7	mg/kg	SW846 6010B	11/01-11/06/08	K1TDV1A0
		Dilution Factor: 1		Analysis Time..: 18:46	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 1.5	
Potassium	703	586	mg/kg	SW846 6010B	11/01-11/06/08	K1TDV1A1
		Dilution Factor: 1		Analysis Time..: 18:46	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 87.9	
Magnesium	6440	586	mg/kg	SW846 6010B	11/01-11/06/08	K1TDV1A2
		Dilution Factor: 1		Analysis Time..: 18:46	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 2.4	
Manganese	164	1.8	mg/kg	SW846 6010B	11/01-11/06/08	K1TDV1A3
		Dilution Factor: 1		Analysis Time..: 18:46	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 0.072	
Sodium	91.9 B J	586	mg/kg	SW846 6010B	11/01-11/06/08	K1TDV1A4
		Dilution Factor: 1		Analysis Time..: 18:46	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 17.0	
Nickel	9.1	4.7	mg/kg	SW846 6010B	11/01-11/06/08	K1TDV1A5
		Dilution Factor: 1		Analysis Time..: 18:46	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 0.17	
Lead	3.8	0.35	mg/kg	SW846 6010B	11/01-11/06/08	K1TDV1A6
		Dilution Factor: 1		Analysis Time..: 18:46	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 0.18	
Selenium	ND	0.59	mg/kg	SW846 6010B	11/01-11/06/08	K1TDV1AA
		Dilution Factor: 1		Analysis Time..: 18:46	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 0.20	
Thallium	ND	1.2	mg/kg	SW846 6010B	11/01-11/06/08	K1TDV1AC
		Dilution Factor: 1		Analysis Time..: 18:46	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 0.36	

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ENSR International

Client Sample ID: SB30(50-52.5)

TOTAL Metals

Lot-Sample #...: C8J290111-009 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	ND	1.2	mg/kg	SW846 6010B	11/01-11/06/08	K1TDV1AD
		Dilution Factor: 1		Analysis Time..: 18:46	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 0.25	
Vanadium	**12.7**	**5.9**	**mg/kg**	**SW846 6010B**	**11/01-11/06/08**	**K1TDV1AE**
		Dilution Factor: 1		Analysis Time..: 18:46	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 0.28	
Zinc	**29.5 J**	**2.3**	**mg/kg**	**SW846 6010B**	**11/01-11/06/08**	**K1TDV1AF**
		Dilution Factor: 1		Analysis Time..: 18:46	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8306064	MDL.....: 0.22	
Prep Batch #...: 8315024						
Mercury	**0.0092 B J**	**0.039**	**mg/kg**	**SW846 7471A**	**11/10/08**	**K1TDV1AG**
		Dilution Factor: 1		Analysis Time..: 10:10	Analyst ID.....: 031043	
		Instrument ID..: HGHYDRA		MS Run #.....: 8315018	MDL.....: 0.0029	

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.

ENSR International

Client Sample ID: SB26(35-37.5)

TOTAL Metals

Lot-Sample #...: C8K010195-001 Matrix.....: SO
Date Sampled...: 10/29/08 Date Received..: 11/01/08
% Moisture.....: 17

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8316052						
Mercury	0.0058 B J	0.040	mg/kg	SW846 7471A	11/11/08	K14F41A5
		Dilution Factor: 1		Analysis Time..: 13:06	Analyst ID.....: 401509	
		Instrument ID..: HGHYDRA		MS Run #.....: 8316035	MDL.....: 0.0030	
Prep Batch #...: 8316240						
Silver	ND	0.60	mg/kg	SW846 6010B	11/11-11/12/08	K14F41AE
		Dilution Factor: 1		Analysis Time..: 09:21	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8316163	MDL.....: 0.080	
Aluminum	4140	24.1	mg/kg	SW846 6010B	11/11-11/12/08	K14F41AF
		Dilution Factor: 1		Analysis Time..: 09:21	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8316163	MDL.....: 2.9	
Arsenic	2.0	1.2	mg/kg	SW846 6010B	11/11-11/12/08	K14F41AG
		Dilution Factor: 1		Analysis Time..: 09:21	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8316163	MDL.....: 0.35	
Barium	23.8 B J	24.1	mg/kg	SW846 6010B	11/11-11/12/08	K14F41AH
		Dilution Factor: 1		Analysis Time..: 09:21	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8316163	MDL.....: 0.095	
Beryllium	0.33 B J	0.48	mg/kg	SW846 6010B	11/11-11/12/08	K14F41AJ
		Dilution Factor: 1		Analysis Time..: 09:21	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8316163	MDL.....: 0.018	
Calcium	19700	604	mg/kg	SW846 6010B	11/11-11/12/08	K14F41AK
		Dilution Factor: 1		Analysis Time..: 09:21	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8316163	MDL.....: 2.0	
Cadmium	0.14 B J	0.60	mg/kg	SW846 6010B	11/11-11/12/08	K14F41AL
		Dilution Factor: 1		Analysis Time..: 09:21	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8316163	MDL.....: 0.025	
Cobalt	4.4 B J	6.0	mg/kg	SW846 6010B	11/11-11/12/08	K14F41AM
		Dilution Factor: 1		Analysis Time..: 09:21	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8316163	MDL.....: 0.098	

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ENSR International

Client Sample ID: SB26(35-37.5)

TOTAL Metals

Lot-Sample #...: C8K010195-001 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium	6.6	0.60	mg/kg	SW846 6010B	11/11-11/12/08	K14F41AN
		Dilution Factor: 1		Analysis Time..: 09:21	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8316163	MDL.....: 0.068	
Copper	11.3	3.0	mg/kg	SW846 6010B	11/11-11/12/08	K14F41AP
		Dilution Factor: 1		Analysis Time..: 09:21	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8316163	MDL.....: 0.32	
Iron	11500	12.1	mg/kg	SW846 6010B	11/11-11/12/08	K14F41AQ
		Dilution Factor: 1		Analysis Time..: 09:21	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8316163	MDL.....: 1.6	
Potassium	725	604	mg/kg	SW846 6010B	11/11-11/12/08	K14F41AR
		Dilution Factor: 1		Analysis Time..: 09:21	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8316163	MDL.....: 90.5	
Magnesium	5240	604	mg/kg	SW846 6010B	11/11-11/12/08	K14F41AT
		Dilution Factor: 1		Analysis Time..: 09:21	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8316163	MDL.....: 2.5	
Manganese	260	1.8	mg/kg	SW846 6010B	11/11-11/12/08	K14F41AU
		Dilution Factor: 1		Analysis Time..: 09:21	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8316163	MDL.....: 0.074	
Sodium	90.2 ~~B~~ J	604	mg/kg	SW846 6010B	11/11-11/12/08	K14F41AV
		Dilution Factor: 1		Analysis Time..: 09:21	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8316163	MDL.....: 17.5	
Nickel	9.8	4.8	mg/kg	SW846 6010B	11/11-11/12/08	K14F41AW
		Dilution Factor: 1		Analysis Time..: 09:21	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8316163	MDL.....: 0.17	
Lead	4.2	0.36	mg/kg	SW846 6010B	11/11-11/12/08	K14F41AX
		Dilution Factor: 1		Analysis Time..: 09:21	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8316163	MDL.....: 0.19	
Selenium	ND	0.60	mg/kg	SW846 6010B	11/11-11/12/08	K14F41A0
		Dilution Factor: 1		Analysis Time..: 09:21	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8316163	MDL.....: 0.21	

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ENSR International

Client Sample ID: SB26(35-37.5)

TOTAL Metals

Lot-Sample #...: C8K010195-001 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Thallium	ND	1.2	mg/kg	SW846 6010B	11/11-11/12/08	K14F41A1
		Dilution Factor: 1		Analysis Time..: 09:21	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8316163	MDL.....: 0.37	
Antimony	ND	1.2	mg/kg	SW846 6010B	11/11-11/12/08	K14F41A2
		Dilution Factor: 1		Analysis Time..: 09:21	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8316163	MDL.....: 0.25	
Vanadium	**13.5**	**6.0**	**mg/kg**	**SW846 6010B**	**11/11-11/12/08**	**K14F41A3**
		Dilution Factor: 1		Analysis Time..: 09:21	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8316163	MDL.....: 0.29	
Zinc	**29.3 J**	**2.4**	**mg/kg**	**SW846 6010B**	**11/11-11/12/08**	**K14F41A4**
		Dilution Factor: 1		Analysis Time..: 09:21	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8316163	MDL.....: 0.22	

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.

ENSR International

Client Sample ID: SB48(9-10)

TOTAL Metals

Lot-Sample #...: C8K010195-002 Matrix.....: SO
Date Sampled...: 10/31/08 Date Received..: 11/01/08
% Moisture.....: 18

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8316052						
Mercury	0.25	0.040	mg/kg	SW846 7471A	11/11/08	K14F51AG
		Dilution Factor: 1		Analysis Time..: 13:08	Analyst ID.....: 401509	
		Instrument ID..: HGHYDRA		MS Run #.....: 8316035	MDL.....: 0.0030	
Prep Batch #...: 8316240						
Silver	ND	0.61	mg/kg	SW846 6010B	11/11-11/12/08	K14F51AM
		Dilution Factor: 1		Analysis Time..: 09:27	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8316163	MDL.....: 0.080	
Aluminum	3920	24.3	mg/kg	SW846 6010B	11/11-11/12/08	K14F51AN
		Dilution Factor: 1		Analysis Time..: 09:27	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8316163	MDL.....: 2.9	
Arsenic	3.9	1.2	mg/kg	SW846 6010B	11/11-11/12/08	K14F51AP
		Dilution Factor: 1		Analysis Time..: 09:27	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8316163	MDL.....: 0.35	
Barium	25.1	24.3	mg/kg	SW846 6010B	11/11-11/12/08	K14F51AQ
		Dilution Factor: 1		Analysis Time..: 09:27	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8316163	MDL.....: 0.096	
Beryllium	0.28 B J	0.49	mg/kg	SW846 6010B	11/11-11/12/08	K14F51AR
		Dilution Factor: 1		Analysis Time..: 09:27	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8316163	MDL.....: 0.018	
Calcium	13600	608	mg/kg	SW846 6010B	11/11-11/12/08	K14F51AT
		Dilution Factor: 1		Analysis Time..: 09:27	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8316163	MDL.....: 2.1	
Cadmium	0.17 B J	0.61	mg/kg	SW846 6010B	11/11-11/12/08	K14F51AU
		Dilution Factor: 1		Analysis Time..: 09:27	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8316163	MDL.....: 0.026	
Cobalt	3.0 B J	6.1	mg/kg	SW846 6010B	11/11-11/12/08	K14F51AV
		Dilution Factor: 1		Analysis Time..: 09:27	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8316163	MDL.....: 0.098	

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ENSR International

Client Sample ID: SB48(9-10)

TOTAL Metals

Lot-Sample #...: C8K010195-002 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium	6.0	0.61	mg/kg	SW846 6010B	11/11-11/12/08	K14F51AW
		Dilution Factor: 1		Analysis Time..: 09:27	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8316163	MDL.....: 0.068	
Copper	13.5	3.0	mg/kg	SW846 6010B	11/11-11/12/08	K14F51AX
		Dilution Factor: 1		Analysis Time..: 09:27	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8316163	MDL.....: 0.32	
Iron	10000	12.2	mg/kg	SW846 6010B	11/11-11/12/08	K14F51A0
		Dilution Factor: 1		Analysis Time..: 09:27	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8316163	MDL.....: 1.6	
Potassium	550 B J	608	mg/kg	SW846 6010B	11/11-11/12/08	K14F51A1
		Dilution Factor: 1		Analysis Time..: 09:27	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8316163	MDL.....: 91.2	
Magnesium	1940	608	mg/kg	SW846 6010B	11/11-11/12/08	K14F51A2
		Dilution Factor: 1		Analysis Time..: 09:27	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8316163	MDL.....: 2.5	
Manganese	145	1.8	mg/kg	SW846 6010B	11/11-11/12/08	K14F51A3
		Dilution Factor: 1		Analysis Time..: 09:27	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8316163	MDL.....: 0.074	
Sodium	229 B J	608	mg/kg	SW846 6010B	11/11-11/12/08	K14F51A4
		Dilution Factor: 1		Analysis Time..: 09:27	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8316163	MDL.....: 17.6	
Nickel	6.8	4.9	mg/kg	SW846 6010B	11/11-11/12/08	K14F51A5
		Dilution Factor: 1		Analysis Time..: 09:27	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8316163	MDL.....: 0.17	
Lead	33.3	0.36	mg/kg	SW846 6010B	11/11-11/12/08	K14F51A6
		Dilution Factor: 1		Analysis Time..: 09:27	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8316163	MDL.....: 0.19	
Selenium	0.45 B J	0.61	mg/kg	SW846 6010B	11/11-11/12/08	K14F51AA
		Dilution Factor: 1		Analysis Time..: 09:27	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8316163	MDL.....: 0.21	

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ENSR International

Client Sample ID: SB48(9-10)

TOTAL Metals

Lot-Sample #...: C8K010195-002 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Thallium	ND	1.2	mg/kg	SW846 6010B	11/11-11/12/08	K14F51AC
		Dilution Factor: 1		Analysis Time..: 09:27	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8316163	MDL.....: 0.37	
Antimony	ND	1.2	mg/kg	SW846 6010B	11/11-11/12/08	K14F51AD
		Dilution Factor: 1		Analysis Time..: 09:27	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8316163	MDL.....: 0.26	
Vanadium	**10.7**	**6.1**	**mg/kg**	**SW846 6010B**	**11/11-11/12/08**	**K14F51AE**
		Dilution Factor: 1		Analysis Time..: 09:27	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8316163	MDL.....: 0.29	
Zinc	**31.9 J**	**2.4**	**mg/kg**	**SW846 6010B**	**11/11-11/12/08**	**K14F51AF**
		Dilution Factor: 1		Analysis Time..: 09:27	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8316163	MDL.....: 0.22	

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.

ENSR International

Client Sample ID: SB48(27.5-30)

TOTAL Metals

Lot-Sample #...: C8K010195-003 Matrix.....: SO
Date Sampled...: 10/31/08 Date Received..: 11/01/08
% Moisture.....: 16

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8316052						
Mercury	0.0051 B J	0.039	mg/kg	SW846 7471A	11/11/08	K14F71AG
		Dilution Factor: 1		Analysis Time..: 13:10	Analyst ID.....: 401509	
		Instrument ID..: HGHYDRA		MS Run #.....: 8316035	MDL.....: 0.0030	
Prep Batch #...: 8316240						
Silver	ND	0.59	mg/kg	SW846 6010B	11/11-11/12/08	K14F71AM
		Dilution Factor: 1		Analysis Time..: 09:32	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8316163	MDL.....: 0.078	
Aluminum	2940	23.7	mg/kg	SW846 6010B	11/11-11/12/08	K14F71AN
		Dilution Factor: 1		Analysis Time..: 09:32	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8316163	MDL.....: 2.8	
Arsenic	1.0 B J	1.2	mg/kg	SW846 6010B	11/11-11/12/08	K14F71AP
		Dilution Factor: 1		Analysis Time..: 09:32	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8316163	MDL.....: 0.34	
Barium	9.6 B J	23.7	mg/kg	SW846 6010B	11/11-11/12/08	K14F71AQ
		Dilution Factor: 1		Analysis Time..: 09:32	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8316163	MDL.....: 0.094	
Beryllium	0.19 B J	0.47	mg/kg	SW846 6010B	11/11-11/12/08	K14F71AR
		Dilution Factor: 1		Analysis Time..: 09:32	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8316163	MDL.....: 0.018	
Calcium	3160	594	mg/kg	SW846 6010B	11/11-11/12/08	K14F71AT
		Dilution Factor: 1		Analysis Time..: 09:32	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8316163	MDL.....: 2.0	
Cadmium	0.049 B J	0.59	mg/kg	SW846 6010B	11/11-11/12/08	K14F71AU
		Dilution Factor: 1		Analysis Time..: 09:32	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8316163	MDL.....: 0.025	
Cobalt	3.1 B J	5.9	mg/kg	SW846 6010B	11/11-11/12/08	K14F71AV
		Dilution Factor: 1		Analysis Time..: 09:32	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8316163	MDL.....: 0.096	

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ENSR International

Client Sample ID: SB48(27.5-30)

TOTAL Metals

Lot-Sample #...: C8K010195-003 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium	4.4	0.59	mg/kg	SW846 6010B	11/11-11/12/08	K14F71AW
		Dilution Factor: 1		Analysis Time..: 09:32	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8316163	MDL.....: 0.066	
Copper	3.2	3.0	mg/kg	SW846 6010B	11/11-11/12/08	K14F71AX
		Dilution Factor: 1		Analysis Time..: 09:32	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8316163	MDL.....: 0.31	
Iron	7530	11.9	mg/kg	SW846 6010B	11/11-11/12/08	K14F71A0
		Dilution Factor: 1		Analysis Time..: 09:32	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8316163	MDL.....: 1.5	
Potassium	415 B J	594	mg/kg	SW846 6010B	11/11-11/12/08	K14F71A1
		Dilution Factor: 1		Analysis Time..: 09:32	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8316163	MDL.....: 89.0	
Magnesium	1940	594	mg/kg	SW846 6010B	11/11-11/12/08	K14F71A2
		Dilution Factor: 1		Analysis Time..: 09:32	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8316163	MDL.....: 2.5	
Manganese	70.9	1.8	mg/kg	SW846 6010B	11/11-11/12/08	K14F71A3
		Dilution Factor: 1		Analysis Time..: 09:32	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8316163	MDL.....: 0.072	
Sodium	59.6 B J	594	mg/kg	SW846 6010B	11/11-11/12/08	K14F71A4
		Dilution Factor: 1		Analysis Time..: 09:32	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8316163	MDL.....: 17.2	
Nickel	6.3	4.7	mg/kg	SW846 6010B	11/11-11/12/08	K14F71A5
		Dilution Factor: 1		Analysis Time..: 09:32	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8316163	MDL.....: 0.17	
Lead	2.4	0.36	mg/kg	SW846 6010B	11/11-11/12/08	K14F71A6
		Dilution Factor: 1		Analysis Time..: 09:32	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8316163	MDL.....: 0.19	
Selenium	0.30 B J	0.59	mg/kg	SW846 6010B	11/11-11/12/08	K14F71AA
		Dilution Factor: 1		Analysis Time..: 09:32	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8316163	MDL.....: 0.21	

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KNSR International

Client Sample ID: SB48(27.5-30)

TOTAL Metals

Lot-Sample #...: C8K010195-003 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Thallium	ND	1.2	mg/kg	SW846 6010B	11/11-11/12/08	K14F71AC
		Dilution Factor: 1		Analysis Time..: 09:32	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8316163	MDL.....: 0.37	
Antimony	ND	1.2	mg/kg	SW846 6010B	11/11-11/12/08	K14F71AD
		Dilution Factor: 1		Analysis Time..: 09:32	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8316163	MDL.....: 0.25	
Vanadium	**7.2**	**5.9**	**mg/kg**	**SW846 6010B**	**11/11-11/12/08**	**K14F71AE**
		Dilution Factor: 1		Analysis Time..: 09:32	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8316163	MDL.....: 0.29	
Zinc	**21.4 J**	**2.4**	**mg/kg**	**SW846 6010B**	**11/11-11/12/08**	**K14F71AF**
		Dilution Factor: 1		Analysis Time..: 09:32	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8316163	MDL.....: 0.22	

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.

ENSR International

Client Sample ID: SB43(40-42.5)

TOTAL Metals

Lot-Sample #...: C8K040347-001 Matrix.....: SO
Date Sampled...: 11/01/08 Date Received..: 11/04/08
% Moisture.....: 11

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8316052						
Mercury	0.0060 B J	0.037	mg/kg	SW846 7471A	11/11/08	K18D51A5
		Dilution Factor: 1		Analysis Time..: 13:11	Analyst ID.....: 401509	
		Instrument ID..: HGHYDRA		MS Run #.....: 8316035	MDL.....: 0.0028	
Prep Batch #...: 8317212						
Silver	ND	0.56	mg/kg	SW846 6010B	11/12-11/14/08	K18D51AE
		Dilution Factor: 1		Analysis Time..: 08:50	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8317140	MDL.....: 0.074	
Aluminum	2350	22.4	mg/kg	SW846 6010B	11/12-11/14/08	K18D51AF
		Dilution Factor: 1		Analysis Time..: 08:50	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8317140	MDL.....: 2.7	
Arsenic	2.3	1.1	mg/kg	SW846 6010B	11/12-11/14/08	K18D51AG
		Dilution Factor: 1		Analysis Time..: 08:50	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8317140	MDL.....: 0.32	
Barium	14.6 B J	22.4	mg/kg	SW846 6010B	11/12-11/14/08	K18D51AH
		Dilution Factor: 1		Analysis Time..: 08:50	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8317140	MDL.....: 0.089	
Beryllium	~~0.31 B~~ 0.45 U	0.45	mg/kg	SW846 6010B	11/12-11/14/08	K18D51AJ
		Dilution Factor: 1		Analysis Time..: 08:50	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8317140	MDL.....: 0.017	
Calcium	2390	561	mg/kg	SW846 6010B	11/12-11/14/08	K18D51AK
		Dilution Factor: 1		Analysis Time..: 08:50	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8317140	MDL.....: 1.9	
Cadmium	0.12 B J	0.56	mg/kg	SW846 6010B	11/12-11/14/08	K18D51AL
		Dilution Factor: 1		Analysis Time..: 08:50	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8317140	MDL.....: 0.024	
Cobalt	2.4 B J	5.6	mg/kg	SW846 6010B	11/12-11/14/08	K18D51AM
		Dilution Factor: 1		Analysis Time..: 08:50	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8317140	MDL.....: 0.091	

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ENSR International

Client Sample ID: SB43(40-42.5)

TOTAL Metals

Lot-Sample #...: C8K040347-001 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium	3.8 ~~J~~	0.56	mg/kg	SW846 6010B	11/12-11/14/08	K18D51AN
		Dilution Factor: 1		Analysis Time..: 08:50	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8317140	MDL.....: 0.063	
Copper	3.5	2.8	mg/kg	SW846 6010B	11/12-11/14/08	K18D51AP
		Dilution Factor: 1		Analysis Time..: 08:50	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8317140	MDL.....: 0.30	
Iron	6810	11.2	mg/kg	SW846 6010B	11/12-11/14/08	K18D51AQ
		Dilution Factor: 1		Analysis Time..: 08:50	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8317140	MDL.....: 1.4	
Potassium	412 ~~B~~ ~~J~~	561	mg/kg	SW846 6010B	11/12-11/14/08	K18D51AR
		Dilution Factor: 1		Analysis Time..: 08:50	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8317140	MDL.....: 84.1	
Magnesium	1260	561	mg/kg	SW846 6010B	11/12-11/14/08	K18D51AT
		Dilution Factor: 1		Analysis Time..: 08:50	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8317140	MDL.....: 2.3	
Manganese	169	1.7	mg/kg	SW846 6010B	11/12-11/14/08	K18D51AU
		Dilution Factor: 1		Analysis Time..: 08:50	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8317140	MDL.....: 0.068	
Sodium	27.6 ~~B~~ ~~J~~	561	mg/kg	SW846 6010B	11/12-11/14/08	K18D51AV
		Dilution Factor: 1		Analysis Time..: 08:50	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8317140	MDL.....: 16.3	
Nickel	5.0	4.5	mg/kg	SW846 6010B	11/12-11/14/08	K18D51AW
		Dilution Factor: 1		Analysis Time..: 08:50	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8317140	MDL.....: 0.16	
Lead	2.0	0.34	mg/kg	SW846 6010B	11/12-11/14/08	K18D51AX
		Dilution Factor: 1		Analysis Time..: 08:50	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8317140	MDL.....: 0.18	
Selenium	0.36 ~~B~~ ~~J~~	0.56	mg/kg	SW846 6010B	11/12-11/14/08	K18D51A0
		Dilution Factor: 1		Analysis Time..: 08:50	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8317140	MDL.....: 0.20	

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ENSR International

Client Sample ID: SB43(40-42.5)

TOTAL Metals

Lot-Sample #...: C8K040347-001 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Thallium	ND	1.1	mg/kg	SW846 6010B	11/12-11/14/08	K18D51A1
		Dilution Factor: 1		Analysis Time..: 08:50	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8317140	MDL.....: 0.35	
Antimony	ND	1.1	mg/kg	SW846 6010B	11/12-11/14/08	K18D51A2
		Dilution Factor: 1		Analysis Time..: 08:50	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8317140	MDL.....: 0.24	
Vanadium	**5.7**	**5.6**	**mg/kg**	**SW846 6010B**	**11/12-11/14/08**	**K18D51A3**
		Dilution Factor: 1		Analysis Time..: 08:50	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8317140	MDL.....: 0.27	
Zinc	**19.1 J**	**2.2**	**mg/kg**	**SW846 6010B**	**11/12-11/14/08**	**K18D51A4**
		Dilution Factor: 1		Analysis Time..: 08:50	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8317140	MDL.....: 0.21	

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.

ENSR International

Client Sample ID: SB43(50-52.5)

TOTAL Metals

Lot-Sample #...: C8K040347-002 Matrix.....: SO
Date Sampled...: 11/01/08 Date Received..: 11/04/08
% Moisture.....: 19

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8316052						
Mercury	0.0066 B J	0.041	mg/kg	SW846 7471A	11/11/08	K18D71AG
		Dilution Factor: 1		Analysis Time..: 13:13	Analyst ID.....: 401509	
		Instrument ID..: HGHYDRA		MS Run #.....: 8316035	MDL.....: 0.0031	
Prep Batch #...: 8317212						
Silver	ND	0.62	mg/kg	SW846 6010B	11/12-11/14/08	K18D71AM
		Dilution Factor: 1		Analysis Time..: 08:55	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8317140	MDL.....: 0.081	
Aluminum	3680	24.7	mg/kg	SW846 6010B	11/12-11/14/08	K18D71AN
		Dilution Factor: 1		Analysis Time..: 08:55	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8317140	MDL.....: 3.0	
Arsenic	2.0	1.2	mg/kg	SW846 6010B	11/12-11/14/08	K18D71AP
		Dilution Factor: 1		Analysis Time..: 08:55	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8317140	MDL.....: 0.36	
Barium	19.9 B J	24.7	mg/kg	SW846 6010B	11/12-11/14/08	K18D71AQ
		Dilution Factor: 1		Analysis Time..: 08:55	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8317140	MDL.....: 0.098	
Beryllium	~~0.34 B~~ 0.49 U	0.49	mg/kg	SW846 6010B	11/12-11/14/08	K18D71AR
		Dilution Factor: 1		Analysis Time..: 08:55	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8317140	MDL.....: 0.019	
Calcium	31000	617	mg/kg	SW846 6010B	11/12-11/14/08	K18D71AT
		Dilution Factor: 1		Analysis Time..: 08:55	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8317140	MDL.....: 2.1	
Cadmium	0.27 B J	0.62	mg/kg	SW846 6010B	11/12-11/14/08	K18D71AU
		Dilution Factor: 1		Analysis Time..: 08:55	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8317140	MDL.....: 0.026	
Cobalt	4.0 B J	6.2	mg/kg	SW846 6010B	11/12-11/14/08	K18D71AV
		Dilution Factor: 1		Analysis Time..: 08:55	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8317140	MDL.....: 0.10	

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ENSR International

Client Sample ID: SB43(50-52.5)

TOTAL Metals

Lot-Sample #...: C8K040347-002 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium	6.4 J	0.62	mg/kg	SW846 6010B	11/12-11/14/08	K18D71AW
		Dilution Factor: 1		Analysis Time..: 08:55	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8317140	MDL.....: 0.069	
Copper	9.8	3.1	mg/kg	SW846 6010B	11/12-11/14/08	K18D71AX
		Dilution Factor: 1		Analysis Time..: 08:55	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8317140	MDL.....: 0.33	
Iron	10900	12.3	mg/kg	SW846 6010B	11/12-11/14/08	K18D71A0
		Dilution Factor: 1		Analysis Time..: 08:55	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8317140	MDL.....: 1.6	
Potassium	720	617	mg/kg	SW846 6010B	11/12-11/14/08	K18D71A1
		Dilution Factor: 1		Analysis Time..: 08:55	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8317140	MDL.....: 92.6	
Magnesium	7100	617	mg/kg	SW846 6010B	11/12-11/14/08	K18D71A2
		Dilution Factor: 1		Analysis Time..: 08:55	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8317140	MDL.....: 2.6	
Manganese	222	1.9	mg/kg	SW846 6010B	11/12-11/14/08	K18D71A3
		Dilution Factor: 1		Analysis Time..: 08:55	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8317140	MDL.....: 0.075	
Sodium	79.2 B J	617	mg/kg	SW846 6010B	11/12-11/14/08	K18D71A4
		Dilution Factor: 1		Analysis Time..: 08:55	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8317140	MDL.....: 17.9	
Nickel	8.9	4.9	mg/kg	SW846 6010B	11/12-11/14/08	K18D71A5
		Dilution Factor: 1		Analysis Time..: 08:55	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8317140	MDL.....: 0.18	
Lead	4.0	0.37	mg/kg	SW846 6010B	11/12-11/14/08	K18D71A6
		Dilution Factor: 1		Analysis Time..: 08:55	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8317140	MDL.....: 0.19	
Selenium	ND	0.62	mg/kg	SW846 6010B	11/12-11/14/08	K18D71AA
		Dilution Factor: 1		Analysis Time..: 08:55	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8317140	MDL.....: 0.21	

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ENSR International

Client Sample ID: SB43(50-52.5)

TOTAL Metals

Lot-Sample #...: C8K040347-002 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Thallium	ND	1.2	mg/kg	SW846 6010B	11/12-11/14/08	K18D71AC
		Dilution Factor: 1		Analysis Time..: 08:55	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8317140	MDL.....: 0.38	
Antimony	ND	1.2	mg/kg	SW846 6010B	11/12-11/14/08	K18D71AD
		Dilution Factor: 1		Analysis Time..: 08:55	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8317140	MDL.....: 0.26	
Vanadium	**12.6**	**6.2**	**mg/kg**	**SW846 6010B**	**11/12-11/14/08**	**K18D71AK**
		Dilution Factor: 1		Analysis Time..: 08:55	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8317140	MDL.....: 0.30	
Zinc	**26.7 J**	**2.5**	**mg/kg**	**SW846 6010B**	**11/12-11/14/08**	**K18D71AF**
		Dilution Factor: 1		Analysis Time..: 08:55	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8317140	MDL.....: 0.23	

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.

ENSR International

Client Sample ID: SB35(40-41.5)

TOTAL Metals

Lot-Sample #...: C8K040347-003 Matrix.....: SO
Date Sampled...: 11/02/08 Date Received..: 11/04/08
% Moisture.....: 19

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8316052						
Mercury	ND	0.041	mg/kg	SW846 7471A	11/11/08	K18D81AG
		Dilution Factor: 1		Analysis Time..: 13:15	Analyst ID.....: 401509	
		Instrument ID..: HGHYDRA		MS Run #.....: 8316035	MDL.....: 0.0031	
Prep Batch #...: 8317212						
Silver	ND	0.62	mg/kg	SW846 6010B	11/12-11/14/08	K18D81AM
		Dilution Factor: 1		Analysis Time..: 09:01	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8317140	MDL.....: 0.082	
Aluminum	**3760**	**24.8**	**mg/kg**	**SW846 6010B**	**11/12-11/14/08**	**K18D81AN**
		Dilution Factor: 1		Analysis Time..: 09:01	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8317140	MDL.....: 3.0	
Arsenic	**1.8**	**1.2**	**mg/kg**	**SW846 6010B**	**11/12-11/14/08**	**K18D81AP**
		Dilution Factor: 1		Analysis Time..: 09:01	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8317140	MDL.....: 0.36	
Barium	**16.3 B** J	**24.8**	**mg/kg**	**SW846 6010B**	**11/12-11/14/08**	**K18D81AQ**
		Dilution Factor: 1		Analysis Time..: 09:01	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8317140	MDL.....: 0.098	
Beryllium	~~0.31 B~~ 0.50 U	**0.50**	**mg/kg**	**SW846 6010B**	**11/12-11/14/08**	**K18D81AR**
		Dilution Factor: 1		Analysis Time..: 09:01	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8317140	MDL.....: 0.019	
Calcium	**10800**	**619**	**mg/kg**	**SW846 6010B**	**11/12-11/14/08**	**K18D81AT**
		Dilution Factor: 1		Analysis Time..: 09:01	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8317140	MDL.....: 2.1	
Cadmium	**0.22 B** J	**0.62**	**mg/kg**	**SW846 6010B**	**11/12-11/14/08**	**K18D81AU**
		Dilution Factor: 1		Analysis Time..: 09:01	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8317140	MDL.....: 0.026	
Cobalt	**4.0 B** J	**6.2**	**mg/kg**	**SW846 6010B**	**11/12-11/14/08**	**K18D81AV**
		Dilution Factor: 1		Analysis Time..: 09:01	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8317140	MDL.....: 0.10	

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ENSR International

Client Sample ID: SB35(40-41.5)

TOTAL Metals

Lot-Sample #...: C8K040347-003 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium	6.5 J	0.62	mg/kg	SW846 6010B	11/12-11/14/08	K18D81AW
		Dilution Factor: 1		Analysis Time..: 09:01	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8317140	MDL.....: 0.069	
Copper	7.1	3.1	mg/kg	SW846 6010B	11/12-11/14/08	K18D81AX
		Dilution Factor: 1		Analysis Time..: 09:01	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8317140	MDL.....: 0.33	
Iron	11400	12.4	mg/kg	SW846 6010B	11/12-11/14/08	K18D81A0
		Dilution Factor: 1		Analysis Time..: 09:01	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8317140	MDL.....: 1.6	
Potassium	614 B J	619	mg/kg	SW846 6010B	11/12-11/14/08	K18D81A1
		Dilution Factor: 1		Analysis Time..: 09:01	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8317140	MDL.....: 92.9	
Magnesium	3140	619	mg/kg	SW846 6010B	11/12-11/14/08	K18D81A2
		Dilution Factor: 1		Analysis Time..: 09:01	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8317140	MDL.....: 2.6	
Manganese	115	1.9	mg/kg	SW846 6010B	11/12-11/14/08	K18D81A3
		Dilution Factor: 1		Analysis Time..: 09:01	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8317140	MDL.....: 0.076	
Sodium	67.6 B J	619	mg/kg	SW846 6010B	11/12-11/14/08	K18D81A4
		Dilution Factor: 1		Analysis Time..: 09:01	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8317140	MDL.....: 18.0	
Nickel	8.2	5.0	mg/kg	SW846 6010B	11/12-11/14/08	K18D81A5
		Dilution Factor: 1		Analysis Time..: 09:01	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8317140	MDL.....: 0.18	
Lead	3.0	0.37	mg/kg	SW846 6010B	11/12-11/14/08	K18D81A6
		Dilution Factor: 1		Analysis Time..: 09:01	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8317140	MDL.....: 0.19	
Selenium	ND	0.62	mg/kg	SW846 6010B	11/12-11/14/08	K18D81AA
		Dilution Factor: 1		Analysis Time..: 09:01	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8317140	MDL.....: 0.22	

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ENSR International

Client Sample ID: SB35(40-41.5)

TOTAL Metals

Lot-Sample #...: C8K040347-003 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Thallium	ND	1.2	mg/kg	SW846 6010B	11/12-11/14/08	K18D81AC
		Dilution Factor: 1		Analysis Time..: 09:01	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8317140	MDL.....: 0.38	
Antimony	ND	1.2	mg/kg	SW846 6010B	11/12-11/14/08	K18D81AD
		Dilution Factor: 1		Analysis Time..: 09:01	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8317140	MDL.....: 0.26	
Vanadium	**13.8**	**6.2**	**mg/kg**	**SW846 6010B**	**11/12-11/14/08**	**K18D81AE**
		Dilution Factor: 1		Analysis Time..: 09:01	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8317140	MDL.....: 0.30	
Zinc	**25.4 J**	**2.5**	**mg/kg**	**SW846 6010B**	**11/12-11/14/08**	**K18D81AF**
		Dilution Factor: 1		Analysis Time..: 09:01	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8317140	MDL.....: 0.23	

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.

ENSR International

Client Sample ID: SB35(45-47.5)

TOTAL Metals

Lot-Sample #...: C8K040347-004 Matrix.....: SO
Date Sampled...: 11/02/08 Date Received..: 11/04/08
% Moisture.....: 19

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8316052						
Mercury	**0.0072 B J**	**0.041**	**mg/kg**	**SW846 7471A**	**11/11/08**	**K18D91AG**
		Dilution Factor: 1		Analysis Time..: 13:16	Analyst ID.....: 401509	
		Instrument ID..: HGHYDRA		MS Run #.....: 8316035	MDL.....: 0.0031	
Prep Batch #...: 8317212						
Silver	ND	0.62	mg/kg	SW846 6010B	11/12-11/14/08	K18D91AM
		Dilution Factor: 1		Analysis Time..: 09:06	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8317140	MDL.....: 0.081	
Aluminum	**2850**	**24.7**	**mg/kg**	**SW846 6010B**	**11/12-11/14/08**	**K18D91AN**
		Dilution Factor: 1		Analysis Time..: 09:06	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8317140	MDL.....: 3.0	
Arsenic	**3.0**	**1.2**	**mg/kg**	**SW846 6010B**	**11/12-11/14/08**	**K18D91AP**
		Dilution Factor: 1		Analysis Time..: 09:06	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8317140	MDL.....: 0.36	
Barium	**9.0 B J**	**24.7**	**mg/kg**	**SW846 6010B**	**11/12-11/14/08**	**K18D91AQ**
		Dilution Factor: 1		Analysis Time..: 09:06	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8317140	MDL.....: 0.097	
Beryllium	~~0.29 B~~ 0.49 U	**0.49**	**mg/kg**	**SW846 6010B**	**11/12-11/14/08**	**K18D91AR**
		Dilution Factor: 1		Analysis Time..: 09:06	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8317140	MDL.....: 0.019	
Calcium	**24300**	**617**	**mg/kg**	**SW846 6010B**	**11/12-11/14/08**	**K18D91AT**
		Dilution Factor: 1		Analysis Time..: 09:06	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8317140	MDL.....: 2.1	
Cadmium	**0.20 B J**	**0.62**	**mg/kg**	**SW846 6010B**	**11/12-11/14/08**	**K18D91AU**
		Dilution Factor: 1		Analysis Time..: 09:06	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8317140	MDL.....: 0.026	
Cobalt	**3.2 B J**	**6.2**	**mg/kg**	**SW846 6010B**	**11/12-11/14/08**	**K18D91AV**
		Dilution Factor: 1		Analysis Time..: 09:06	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8317140	MDL.....: 0.10	

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ENSR International

Client Sample ID: SB35(45-47.5)

TOTAL Metals

Lot-Sample #...: C8K040347-004 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium	5.6 ~~J~~	0.62	mg/kg	SW846 6010B	11/12-11/14/08	K18D91AW
		Dilution Factor: 1		Analysis Time..: 09:06	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8317140	MDL.....: 0.069	
Copper	6.7	3.1	mg/kg	SW846 6010B	11/12-11/14/08	K18D91AX
		Dilution Factor: 1		Analysis Time..: 09:06	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8317140	MDL.....: 0.33	
Iron	9900	12.3	mg/kg	SW846 6010B	11/12-11/14/08	K18D91A0
		Dilution Factor: 1		Analysis Time..: 09:06	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8317140	MDL.....: 1.6	
Potassium	517 ~~B~~ J	617	mg/kg	SW846 6010B	11/12-11/14/08	K18D91A1
		Dilution Factor: 1		Analysis Time..: 09:06	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8317140	MDL.....: 92.5	
Magnesium	5260	617	mg/kg	SW846 6010B	11/12-11/14/08	K18D91A2
		Dilution Factor: 1		Analysis Time..: 09:06	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8317140	MDL.....: 2.6	
Manganese	148	1.9	mg/kg	SW846 6010B	11/12-11/14/08	K18D91A3
		Dilution Factor: 1		Analysis Time..: 09:06	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8317140	MDL.....: 0.075	
Sodium	69.3 ~~B~~ J	617	mg/kg	SW846 6010B	11/12-11/14/08	K18D91A4
		Dilution Factor: 1		Analysis Time..: 09:06	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8317140	MDL.....: 17.9	
Nickel	7.9	4.9	mg/kg	SW846 6010B	11/12-11/14/08	K18D91A5
		Dilution Factor: 1		Analysis Time..: 09:06	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8317140	MDL.....: 0.18	
Lead	2.9	0.37	mg/kg	SW846 6010B	11/12-11/14/08	K18D91A6
		Dilution Factor: 1		Analysis Time..: 09:06	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8317140	MDL.....: 0.19	
Selenium	ND	0.62	mg/kg	SW846 6010B	11/12-11/14/08	K18D91AA
		Dilution Factor: 1		Analysis Time..: 09:06	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8317140	MDL.....: 0.21	

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ENSR International

Client Sample ID: SB35(45-47.5)

TOTAL Metals

Lot-Sample #...: C8K040347-004 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Thallium	ND	1.2	mg/kg	SW846 6010B	11/12-11/14/08	K18D91AC
		Dilution Factor: 1		Analysis Time..: 09:06	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8317140	MDL.....: 0.38	
Antimony	ND	1.2	mg/kg	SW846 6010B	11/12-11/14/08	K18D91AD
		Dilution Factor: 1		Analysis Time..: 09:06	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8317140	MDL.....: 0.26	
Vanadium	12.2	6.2	mg/kg	SW846 6010B	11/12-11/14/08	K18D91AE
		Dilution Factor: 1		Analysis Time..: 09:06	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8317140	MDL.....: 0.30	
Zinc	21.6 J	2.5	mg/kg	SW846 6010B	11/12-11/14/08	K18D91AF
		Dilution Factor: 1		Analysis Time..: 09:06	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8317140	MDL.....: 0.23	

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.

AECOM, Inc

Client Sample ID: SB47(18-20.5)

TOTAL Metals

Lot-Sample #...: C8K070273-001 Matrix.....: SO
Date Sampled...: 11/04/08 Date Received..: 11/07/08
% Moisture.....: 24

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8316052						
Mercury	0.014 B J	0.043	mg/kg	SW846 7471A	11/11/08	K2HCH1A5
		Dilution Factor: 1		Analysis Time..: 13:30	Analyst ID.....: 401509	
		Instrument ID..: HGHYDRA		MS Run #.....: 8316035	MDL.....: 0.0033	
Prep Batch #...: 8318216						
Silver	ND	0.65	mg/kg	SW846 6010B	11/13-11/23/08	K2HCH1AE
		Dilution Factor: 1		Analysis Time..: 14:59	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8318107	MDL.....: 0.086	
Aluminum	4880	26.2	mg/kg	SW846 6010B	11/13-11/23/08	K2HCH1AF
		Dilution Factor: 1		Analysis Time..: 14:59	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8318107	MDL.....: 3.1	
Arsenic	2.5	1.3	mg/kg	SW846 6010B	11/13-11/23/08	K2HCH1AG
		Dilution Factor: 1		Analysis Time..: 14:59	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8318107	MDL.....: 0.38	
Barium	25.9 B J	26.2	mg/kg	SW846 6010B	11/13-11/23/08	K2HCH1AH
		Dilution Factor: 1		Analysis Time..: 14:59	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8318107	MDL.....: 0.10	
Beryllium	~~0.41 B~~ 0.52 U	0.52	mg/kg	SW846 6010B	11/13-11/23/08	K2HCH1AJ
		Dilution Factor: 1		Analysis Time..: 14:59	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8318107	MDL.....: 0.020	
Calcium	14500 J	654	mg/kg	SW846 6010B	11/13-11/23/08	K2HCH1AK
		Dilution Factor: 1		Analysis Time..: 14:59	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8318107	MDL.....: 2.2	
Cadmium	ND	0.65	mg/kg	SW846 6010B	11/13-11/23/08	K2HCH1AL
		Dilution Factor: 1		Analysis Time..: 14:59	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8318107	MDL.....: 0.027	
Cobalt	5.3 B J	6.5	mg/kg	SW846 6010B	11/13-11/23/08	K2HCH1AM
		Dilution Factor: 1		Analysis Time..: 14:59	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8318107	MDL.....: 0.11	

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AECOM, Inc

Client Sample ID: SB47(18-20.5)

TOTAL Metals

Lot-Sample #...: C8K070273-001 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium	7.6 J	0.65	mg/kg	SW846 6010B	11/13-11/23/08	K2HCH1AN
		Dilution Factor: 1		Analysis Time..: 14:59	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8318107	MDL.....: 0.073	
Copper	9.8	3.3	mg/kg	SW846 6010B	11/13-11/23/08	K2HCH1AP
		Dilution Factor: 1		Analysis Time..: 14:59	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8318107	MDL.....: 0.35	
Iron	11100 J	13.1	mg/kg	SW846 6010B	11/13-11/23/08	K2HCH1AQ
		Dilution Factor: 1		Analysis Time..: 14:59	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8318107	MDL.....: 1.7	
Potassium	601 B J	654	mg/kg	SW846 6010B	11/13-11/23/08	K2HCH1AR
		Dilution Factor: 1		Analysis Time..: 14:59	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8318107	MDL.....: 98.1	
Magnesium	3750	654	mg/kg	SW846 6010B	11/13-11/23/08	K2HCH1AT
		Dilution Factor: 1		Analysis Time..: 14:59	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8318107	MDL.....: 2.7	
Manganese	254	2.0	mg/kg	SW846 6010B	11/13-11/23/08	K2HCH1AU
		Dilution Factor: 1		Analysis Time..: 14:59	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8318107	MDL.....: 0.080	
Sodium	182 B J	654	mg/kg	SW846 6010B	11/13-11/23/08	K2HCH1AV
		Dilution Factor: 1		Analysis Time..: 14:59	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8318107	MDL.....: 19.0	
Nickel	10.4 J	5.2	mg/kg	SW846 6010B	11/13-11/23/08	K2HCH1AW
		Dilution Factor: 1		Analysis Time..: 14:59	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8318107	MDL.....: 0.19	
Lead	4.3	0.39	mg/kg	SW846 6010B	11/13-11/23/08	K2HCH1AX
		Dilution Factor: 1		Analysis Time..: 14:59	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8318107	MDL.....: 0.21	
Selenium	ND	0.65	mg/kg	SW846 6010B	11/13-11/23/08	K2HCH1A0
		Dilution Factor: 1		Analysis Time..: 14:59	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8318107	MDL.....: 0.23	

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AECOM, Inc

Client Sample ID: SB47(18-20.5)

TOTAL Metals

Lot-Sample #...: C8K070273-001 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Thallium	ND	1.3	mg/kg	SW846 6010B	11/13-11/23/08	K2HCH1A1
		Dilution Factor: 1		Analysis Time..: 14:59	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8318107	MDL.....: 0.40	
Antimony	ND	1.3	mg/kg	SW846 6010B	11/13-11/23/08	K2HCH1A2
		Dilution Factor: 1		Analysis Time..: 14:59	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8318107	MDL.....: 0.28	
Vanadium	12.6 J	6.5	mg/kg	SW846 6010B	11/13-11/23/08	K2HCH1A3
		Dilution Factor: 1		Analysis Time..: 14:59	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8318107	MDL.....: 0.32	
Zinc	30.9 J	2.6	mg/kg	SW846 6010B	11/13-11/23/08	K2HCH1A4
		Dilution Factor: 1		Analysis Time..: 14:59	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8318107	MDL.....: 0.24	

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.

AECOM, Inc

Client Sample ID: SB47(38-40)

TOTAL Metals

Lot-Sample #...: C8K070273-002 Matrix.....: SO
Date Sampled...: 11/04/08 Date Received..: 11/07/08
% Moisture.....: 20

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8316052						
Mercury	0.012 B J	0.041	mg/kg	SW846 7471A	11/11/08	K2HCQ1AG
		Dilution Factor: 1		Analysis Time..: 13:32	Analyst ID.....: 401509	
		Instrument ID..: HGHYDRA		MS Run #.....: 8316035	MDL.....: 0.0031	
Prep Batch #...: 8318216						
Silver	ND	0.62	mg/kg	SW846 6010B	11/13-11/23/08	K2HCQ1AM
		Dilution Factor: 1		Analysis Time..: 15:05	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8318107	MDL.....: 0.082	
Aluminum	4750	24.9	mg/kg	SW846 6010B	11/13-11/23/08	K2HCQ1AN
		Dilution Factor: 1		Analysis Time..: 15:05	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8318107	MDL.....: 3.0	
Arsenic	1.8	1.2	mg/kg	SW846 6010B	11/13-11/23/08	K2HCQ1AP
		Dilution Factor: 1		Analysis Time..: 15:05	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8318107	MDL.....: 0.36	
Barium	23.2 B J	24.9	mg/kg	SW846 6010B	11/13-11/23/08	K2HCQ1AQ
		Dilution Factor: 1		Analysis Time..: 15:05	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8318107	MDL.....: 0.098	
Beryllium	~~0.39 B~~ 0.50U	0.50	mg/kg	SW846 6010B	11/13-11/23/08	K2HCQ1AR
		Dilution Factor: 1		Analysis Time..: 15:05	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8318107	MDL.....: 0.019	
Calcium	12400 J	621	mg/kg	SW846 6010B	11/13-11/23/08	K2HCQ1AT
		Dilution Factor: 1		Analysis Time..: 15:05	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8318107	MDL.....: 2.1	
Cadmium	ND	0.62	mg/kg	SW846 6010B	11/13-11/23/08	K2HCQ1AU
		Dilution Factor: 1		Analysis Time..: 15:05	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8318107	MDL.....: 0.026	
Cobalt	4.9 B J	6.2	mg/kg	SW846 6010B	11/13-11/23/08	K2HCQ1AV
		Dilution Factor: 1		Analysis Time..: 15:05	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8318107	MDL.....: 0.10	

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AECOM, Inc

Client Sample ID: SB47(38-40)

TOTAL Metals

Lot-Sample #...: C8K070273-002 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium	7.8 J	0.62	mg/kg	SW846 6010B	11/13-11/23/08	K2HCQ1AW
		Dilution Factor: 1		Analysis Time..: 15:05	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8318107	MDL.....: 0.070	
Copper	9.1	3.1	mg/kg	SW846 6010B	11/13-11/23/08	K2HCQ1AX
		Dilution Factor: 1		Analysis Time..: 15:05	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8318107	MDL.....: 0.33	
Iron	13100 J	12.4	mg/kg	SW846 6010B	11/13-11/23/08	K2HCQ1A0
		Dilution Factor: 1		Analysis Time..: 15:05	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8318107	MDL.....: 1.6	
Potassium	670	621	mg/kg	SW846 6010B	11/13-11/23/08	K2HCQ1A1
		Dilution Factor: 1		Analysis Time..: 15:05	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8318107	MDL.....: 93.2	
Magnesium	4350	621	mg/kg	SW846 6010B	11/13-11/23/08	K2HCQ1A2
		Dilution Factor: 1		Analysis Time..: 15:05	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8318107	MDL.....: 2.6	
Manganese	168	1.9	mg/kg	SW846 6010B	11/13-11/23/08	K2HCQ1A3
		Dilution Factor: 1		Analysis Time..: 15:05	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8318107	MDL.....: 0.076	
Sodium	107 B J	621	mg/kg	SW846 6010B	11/13-11/23/08	K2HCQ1A4
		Dilution Factor: 1		Analysis Time..: 15:05	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8318107	MDL.....: 18.0	
Nickel	10.8 J	5.0	mg/kg	SW846 6010B	11/13-11/23/08	K2HCQ1A5
		Dilution Factor: 1		Analysis Time..: 15:05	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8318107	MDL.....: 0.18	
Lead	4.5	0.37	mg/kg	SW846 6010B	11/13-11/23/08	K2HCQ1A6
		Dilution Factor: 1		Analysis Time..: 15:05	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8318107	MDL.....: 0.20	
Selenium	ND	0.62	mg/kg	SW846 6010B	11/13-11/23/08	K2HCQ1AA
		Dilution Factor: 1		Analysis Time..: 15:05	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8318107	MDL.....: 0.22	

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AECOM, Inc

Client Sample ID: SB47(38-40)

TOTAL Metals

Lot-Sample #...: C8K070273-002 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Thallium	ND	1.2	mg/kg	SW846 6010B	11/13-11/23/08	K2HCQ1AC
		Dilution Factor: 1		Analysis Time..: 15:05	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8318107	MDL.....: 0.38	
Antimony	ND	1.2	mg/kg	SW846 6010B	11/13-11/23/08	K2HCQ1AD
		Dilution Factor: 1		Analysis Time..: 15:05	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8318107	MDL.....: 0.26	
Vanadium	**13.8 J**	**6.2**	**mg/kg**	**SW846 6010B**	**11/13-11/23/08**	**K2HCQ1AE**
		Dilution Factor: 1		Analysis Time..: 15:05	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8318107	MDL.....: 0.30	
Zinc	**33.3 J**	**2.5**	**mg/kg**	**SW846 6010B**	**11/13-11/23/08**	**K2HCQ1AF**
		Dilution Factor: 1		Analysis Time..: 15:05	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8318107	MDL.....: 0.23	

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.

AECOM, Inc

Client Sample ID: SB44(38-40)

TOTAL Metals

Lot-Sample #...: C8K070273-003 Matrix.....: SO
Date Sampled...: 11/05/08 Date Received..: 11/07/08
% Moisture.....: 17

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8316052						
Mercury	0.0056 B J	0.040	mg/kg	SW846 7471A	11/11/08	K2HCW1AG
		Dilution Factor: 1		Analysis Time..: 13:33	Analyst ID.....: 401509	
		Instrument ID..: HGHYDRA		MS Run #.....: 8316035	MDL.....: 0.0030	
Prep Batch #...: 8318216						
Silver	ND	0.60	mg/kg	SW846 6010B	11/13-11/23/08	K2HCW1AM
		Dilution Factor: 1		Analysis Time..: 15:10	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8318107	MDL.....: 0.079	
Aluminum	4140	24.1	mg/kg	SW846 6010B	11/13-11/23/08	K2HCW1AN
		Dilution Factor: 1		Analysis Time..: 15:10	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8318107	MDL.....: 2.9	
Arsenic	3.8	1.2	mg/kg	SW846 6010B	11/13-11/23/08	K2HCW1AP
		Dilution Factor: 1		Analysis Time..: 15:10	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8318107	MDL.....: 0.35	
Barium	22.1 B J	24.1	mg/kg	SW846 6010B	11/13-11/23/08	K2HCW1AQ
		Dilution Factor: 1		Analysis Time..: 15:10	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8318107	MDL.....: 0.095	
Beryllium	~~0.37 B~~ 0.48 U	0.48	mg/kg	SW846 6010B	11/13-11/23/08	K2HCW1AR
		Dilution Factor: 1		Analysis Time..: 15:10	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8318107	MDL.....: 0.018	
Calcium	5990 J	601	mg/kg	SW846 6010B	11/13-11/23/08	K2HCW1AT
		Dilution Factor: 1		Analysis Time..: 15:10	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8318107	MDL.....: 2.0	
Cadmium	ND	0.60	mg/kg	SW846 6010B	11/13-11/23/08	K2HCW1AU
		Dilution Factor: 1		Analysis Time..: 15:10	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8318107	MDL.....: 0.025	
Cobalt	4.3 B J	6.0	mg/kg	SW846 6010B	11/13-11/23/08	K2HCW1AV
		Dilution Factor: 1		Analysis Time..: 15:10	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8318107	MDL.....: 0.097	

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AECOM, Inc

Client Sample ID: SB44(38-40)

TOTAL Metals

Lot-Sample #...: C8K070273-003 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium	6.7 J	0.60	mg/kg	SW846 6010B	11/13-11/23/08	K2HCW1AW
		Dilution Factor: 1		Analysis Time..: 15:10	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8318107	MDL.....: 0.067	
Copper	9.2	3.0	mg/kg	SW846 6010B	11/13-11/23/08	K2HCW1AX
		Dilution Factor: 1		Analysis Time..: 15:10	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8318107	MDL.....: 0.32	
Iron	11200 J	12.0	mg/kg	SW846 6010B	11/13-11/23/08	K2HCW1A0
		Dilution Factor: 1		Analysis Time..: 15:10	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8318107	MDL.....: 1.5	
Potassium	642	601	mg/kg	SW846 6010B	11/13-11/23/08	K2HCW1A1
		Dilution Factor: 1		Analysis Time..: 15:10	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8318107	MDL.....: 90.2	
Magnesium	2780	601	mg/kg	SW846 6010B	11/13-11/23/08	K2HCW1A2
		Dilution Factor: 1		Analysis Time..: 15:10	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8318107	MDL.....: 2.5	
Manganese	107	1.8	mg/kg	SW846 6010B	11/13-11/23/08	K2HCW1A3
		Dilution Factor: 1		Analysis Time..: 15:10	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8318107	MDL.....: 0.073	
Sodium	87.8 B J	601	mg/kg	SW846 6010B	11/13-11/23/08	K2HCW1A4
		Dilution Factor: 1		Analysis Time..: 15:10	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8318107	MDL.....: 17.5	
Nickel	9.7 J	4.8	mg/kg	SW846 6010B	11/13-11/23/08	K2HCW1A5
		Dilution Factor: 1		Analysis Time..: 15:10	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8318107	MDL.....: 0.17	
Lead	3.9	0.36	mg/kg	SW846 6010B	11/13-11/23/08	K2HCW1A6
		Dilution Factor: 1		Analysis Time..: 15:10	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8318107	MDL.....: 0.19	
Selenium	ND	0.60	mg/kg	SW846 6010B	11/13-11/23/08	K2HCW1AA
		Dilution Factor: 1		Analysis Time..: 15:10	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8318107	MDL.....: 0.21	

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AECOM, Inc

Client Sample ID: SB44(38-40)

TOTAL Metals

Lot-Sample #...: C8K070273-003 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Thallium	ND	1.2	mg/kg	SW846 6010B	11/13-11/23/08	K2HCW1AC
		Dilution Factor: 1		Analysis Time..: 15:10	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8318107	MDL.....: 0.37	
Antimony	ND	1.2	mg/kg	SW846 6010B	11/13-11/23/08	K2HCW1AD
		Dilution Factor: 1		Analysis Time..: 15:10	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8318107	MDL.....: 0.25	
Vanadium	**13.0 J**	**6.0**	**mg/kg**	**SW846 6010B**	**11/13-11/23/08**	**K2HCW1AE**
		Dilution Factor: 1		Analysis Time..: 15:10	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8318107	MDL.....: 0.29	
Zinc	**30.2 J**	**2.4**	**mg/kg**	**SW846 6010B**	**11/13-11/23/08**	**K2HCW1AF**
		Dilution Factor: 1		Analysis Time..: 15:10	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8318107	MDL.....: 0.22	

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.

AECOM, Inc

Client Sample ID: SB440(38-40)

TOTAL Metals

Lot-Sample #...: C8K070273-004 Matrix.....: SO
Date Sampled...: 11/05/08 Date Received..: 11/07/08
% Moisture.....: 17

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8316052						
Mercury	0.0036 B J	0.040	mg/kg	SW846 7471A	11/11/08	K2HC21AG
		Dilution Factor: 1		Analysis Time..: 13:35	Analyst ID.....: 401509	
		Instrument ID..: HGHYDRA		MS Run #.....: 8316035	MDL.....: 0.0030	
Prep Batch #...: 8318216						
Silver	ND	0.60	mg/kg	SW846 6010B	11/13-11/23/08	K2HC21AM
		Dilution Factor: 1		Analysis Time..: 14:20	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8318107	MDL.....: 0.080	
Aluminum	2930	24.1	mg/kg	SW846 6010B	11/13-11/23/08	K2HC21AN
		Dilution Factor: 1		Analysis Time..: 14:20	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8318107	MDL.....: 2.9	
Arsenic	2.8	1.2	mg/kg	SW846 6010B	11/13-11/23/08	K2HC21AP
		Dilution Factor: 1		Analysis Time..: 14:20	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8318107	MDL.....: 0.35	
Barium	13.3 B J	24.1	mg/kg	SW846 6010B	11/13-11/23/08	K2HC21AQ
		Dilution Factor: 1		Analysis Time..: 14:20	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8318107	MDL.....: 0.095	
Beryllium	~~0.24 B~~ 0.48 U	0.48	mg/kg	SW846 6010B	11/13-11/23/08	K2HC21AR
		Dilution Factor: 1		Analysis Time..: 14:20	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8318107	MDL.....: 0.018	
Calcium	14700 J	602	mg/kg	SW846 6010B	11/13-11/23/08	K2HC21AT
		Dilution Factor: 1		Analysis Time..: 14:20	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8318107	MDL.....: 2.0	
Cadmium	ND	0.60	mg/kg	SW846 6010B	11/13-11/23/08	K2HC21AU
		Dilution Factor: 1		Analysis Time..: 14:20	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8318107	MDL.....: 0.025	
Cobalt	2.8 B J	6.0	mg/kg	SW846 6010B	11/13-11/23/08	K2HC21AV
		Dilution Factor: 1		Analysis Time..: 14:20	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8318107	MDL.....: 0.098	

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AECOM, Inc

Client Sample ID: SB440(38-40)

TOTAL Metals

Lot-Sample #...: C8K070273-004 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium	4.8 J	0.60	mg/kg	SW846 6010B	11/13-11/23/08	K2HC21AW
		Dilution Factor: 1		Analysis Time..: 14:20	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8318107	MDL.....: 0.067	
Copper	6.0	3.0	mg/kg	SW846 6010B	11/13-11/23/08	K2HC21AX
		Dilution Factor: 1		Analysis Time..: 14:20	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8318107	MDL.....: 0.32	
Iron	10700 J	12.0	mg/kg	SW846 6010B	11/13-11/23/08	K2HC21A0
		Dilution Factor: 1		Analysis Time..: 14:20	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8318107	MDL.....: 1.6	
Potassium	517 B J	602	mg/kg	SW846 6010B	11/13-11/23/08	K2HC21A1
		Dilution Factor: 1		Analysis Time..: 14:20	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8318107	MDL.....: 90.4	
Magnesium	2950	602	mg/kg	SW846 6010B	11/13-11/23/08	K2HC21A2
		Dilution Factor: 1		Analysis Time..: 14:20	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8318107	MDL.....: 2.5	
Manganese	107	1.8	mg/kg	SW846 6010B	11/13-11/23/08	K2HC21A3
		Dilution Factor: 1		Analysis Time..: 14:20	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8318107	MDL.....: 0.073	
Sodium	55.9 B J	602	mg/kg	SW846 6010B	11/13-11/23/08	K2HC21A4
		Dilution Factor: 1		Analysis Time..: 14:20	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8318107	MDL.....: 17.5	
Nickel	6.4 J	4.8	mg/kg	SW846 6010B	11/13-11/23/08	K2HC21A5
		Dilution Factor: 1		Analysis Time..: 14:20	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8318107	MDL.....: 0.17	
Lead	2.4	0.36	mg/kg	SW846 6010B	11/13-11/23/08	K2HC21A6
		Dilution Factor: 1		Analysis Time..: 14:20	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8318107	MDL.....: 0.19	
Selenium	ND	0.60	mg/kg	SW846 6010B	11/13-11/23/08	K2HC21AA
		Dilution Factor: 1		Analysis Time..: 14:20	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8318107	MDL.....: 0.21	

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AECOM, Inc

Client Sample ID: SB440(38-40)

TOTAL Metals

Lot-Sample #...: C8K070273-004 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Thallium	ND	1.2	mg/kg	SW846 6010B	11/13-11/23/08	K2HC21AC
		Dilution Factor: 1		Analysis Time..: 14:20	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8318107	MDL.....: 0.37	
Antimony	ND	1.2	mg/kg	SW846 6010B	11/13-11/23/08	K2HC21AD
		Dilution Factor: 1		Analysis Time..: 14:20	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8318107	MDL.....: 0.25	
Vanadium	**10.9 J**	**6.0**	**mg/kg**	**SW846 6010B**	**11/13-11/23/08**	**K2HC21AE**
		Dilution Factor: 1		Analysis Time..: 14:20	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8318107	MDL.....: 0.29	
Zinc	**20.8 J**	**2.4**	**mg/kg**	**SW846 6010B**	**11/13-11/23/08**	**K2HC21AF**
		Dilution Factor: 1		Analysis Time..: 14:20	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8318107	MDL.....: 0.22	

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.

AECOM, Inc

Client Sample ID: SB44(52.5-55)

TOTAL Metals

Lot-Sample #...: C8K070273-005 Matrix.....: SO
Date Sampled...: 11/05/08 Date Received..: 11/07/08
% Moisture.....: 16

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8316052						
Mercury	0.0093 B J	0.039	mg/kg	SW846 7471A	11/11/08	K2HC71AT
		Dilution Factor: 1		Analysis Time..: 13:37	Analyst ID.....: 401509	
		Instrument ID..: HGHYDRA		MS Run #.....: 8316035	MDL.....: 0.0030	
Prep Batch #...: 8318216						
Silver	ND	0.59	mg/kg	SW846 6010B	11/13-11/23/08	K2HC71CA
		Dilution Factor: 1		Analysis Time..: 14:25	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8318107	MDL.....: 0.078	
Aluminum	3790	23.7	mg/kg	SW846 6010B	11/13-11/23/08	K2HC71CK
		Dilution Factor: 1		Analysis Time..: 14:25	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8318107	MDL.....: 2.8	
Arsenic	2.5	1.2	mg/kg	SW846 6010B	11/13-11/23/08	K2HC71CH
		Dilution Factor: 1		Analysis Time..: 14:25	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8318107	MDL.....: 0.34	
Barium	21.2 B J	23.7	mg/kg	SW846 6010B	11/13-11/23/08	K2HC71CL
		Dilution Factor: 1		Analysis Time..: 14:25	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8318107	MDL.....: 0.094	
Beryllium	~~0.33 B~~ 0.47U	0.47	mg/kg	SW846 6010B	11/13-11/23/08	K2HC71CP
		Dilution Factor: 1		Analysis Time..: 14:25	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8318107	MDL.....: 0.018	
Calcium	29000 J	593	mg/kg	SW846 6010B	11/13-11/23/08	K2HC71CT
		Dilution Factor: 1		Analysis Time..: 14:25	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8318107	MDL.....: 2.0	
Cadmium	ND	0.59	mg/kg	SW846 6010B	11/13-11/23/08	K2HC71CW
		Dilution Factor: 1		Analysis Time..: 14:25	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8318107	MDL.....: 0.025	
Cobalt	3.8 B J	5.9	mg/kg	SW846 6010B	11/13-11/23/08	K2HC71C1
		Dilution Factor: 1		Analysis Time..: 14:25	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8318107	MDL.....: 0.096	

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AECOM, Inc

Client Sample ID: SB44(52.5-55)

TOTAL Metals

Lot-Sample #...: C8K070273-005 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium	6.5 J	0.59	mg/kg	SW846 6010B	11/13-11/23/08	K2HC71C4
		Dilution Factor: 1		Analysis Time..: 14:25	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8318107	MDL.....: 0.066	
Copper	10.1	3.0	mg/kg	SW846 6010B	11/13-11/23/08	K2HC71C7
		Dilution Factor: 1		Analysis Time..: 14:25	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8318107	MDL.....: 0.31	
Iron	10300 J	11.9	mg/kg	SW846 6010B	11/13-11/23/08	K2HC71DA
		Dilution Factor: 1		Analysis Time..: 14:25	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8318107	MDL.....: 1.5	
Potassium	710	593	mg/kg	SW846 6010B	11/13-11/23/08	K2HC71DE
		Dilution Factor: 1		Analysis Time..: 14:25	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8318107	MDL.....: 88.9	
Magnesium	6630	593	mg/kg	SW846 6010B	11/13-11/23/08	K2HC71DH
		Dilution Factor: 1		Analysis Time..: 14:25	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8318107	MDL.....: 2.5	
Manganese	180	1.8	mg/kg	SW846 6010B	11/13-11/23/08	K2HC71DL
		Dilution Factor: 1		Analysis Time..: 14:25	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8318107	MDL.....: 0.072	
Sodium	73.8 B J	593	mg/kg	SW846 6010B	11/13-11/23/08	K2HC71DP
		Dilution Factor: 1		Analysis Time..: 14:25	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8318107	MDL.....: 17.2	
Nickel	9.3 J	4.7	mg/kg	SW846 6010B	11/13-11/23/08	K2HC71DT
		Dilution Factor: 1		Analysis Time..: 14:25	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8318107	MDL.....: 0.17	
Lead	4.1	0.36	mg/kg	SW846 6010B	11/13-11/23/08	K2HC71DW
		Dilution Factor: 1		Analysis Time..: 14:25	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8318107	MDL.....: 0.19	
Selenium	ND	0.59	mg/kg	SW846 6010B	11/13-11/23/08	K2HC71AA
		Dilution Factor: 1		Analysis Time..: 14:25	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8318107	MDL.....: 0.21	

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AECOM, Inc

Client Sample ID: SB44(52.5-55)

TOTAL Metals

Lot-Sample #...: C8K070273-005 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Thallium	ND	1.2	mg/kg	SW846 6010B	11/13-11/23/08	K2HC71AE
		Dilution Factor: 1		Analysis Time..: 14:25	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8318107	MDL.....: 0.37	
Antimony	ND	1.2	mg/kg	SW846 6010B	11/13-11/23/08	K2HC71AH
		Dilution Factor: 1		Analysis Time..: 14:25	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8318107	MDL.....: 0.25	
Vanadium	**12.0 J**	**5.9**	**mg/kg**	**SW846 6010B**	**11/13-11/23/08**	**K2HC71AL**
		Dilution Factor: 1		Analysis Time..: 14:25	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8318107	MDL.....: 0.29	
Zinc	**26.6 J,E**	**2.4**	**mg/kg**	**SW846 6010B**	**11/13-11/23/08**	**K2HC71AP**
		Dilution Factor: 1		Analysis Time..: 14:25	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8318107	MDL.....: 0.22	

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.

AECOM, Inc

Client Sample ID: SB27(23-23.5)

TOTAL Metals

Lot-Sample #...: C8L110357-001 Matrix.....: SO
Date Sampled...: 12/08/08 Date Received..: 12/11/08
% Moisture.....: 15

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8347504						
Silver	ND	0.59	mg/kg	SW846 6010B	12/12-12/23/08	K4JV61AE
		Dilution Factor: 1		Analysis Time..: 19:36	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 0.078	
Aluminum	**3020**	**23.6**	**mg/kg**	**SW846 6010B**	**12/12-12/23/08**	**K4JV61AF**
		Dilution Factor: 1		Analysis Time..: 19:36	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 2.8	
Arsenic	**2.1**	**1.2**	**mg/kg**	**SW846 6010B**	**12/12-12/23/08**	**K4JV61AG**
		Dilution Factor: 1		Analysis Time..: 19:36	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 0.34	
Barium	**37.8**	**23.6**	**mg/kg**	**SW846 6010B**	**12/12-12/23/08**	**K4JV61AH**
		Dilution Factor: 1		Analysis Time..: 19:36	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 0.093	
Beryllium	~~0.33 B,J~~ 0.47 U	**0.47**	**mg/kg**	**SW846 6010B**	**12/12-12/23/08**	**K4JV61AJ**
		Dilution Factor: 1		Analysis Time..: 19:36	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 0.018	
Calcium	**971**	**591**	**mg/kg**	**SW846 6010B**	**12/12-12/23/08**	**K4JV61AK**
		Dilution Factor: 1		Analysis Time..: 19:36	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 2.0	
Cadmium	ND	0.59	mg/kg	SW846 6010B	12/12-12/23/08	K4JV61AL
		Dilution Factor: 1		Analysis Time..: 19:36	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 0.025	
Cobalt	**3.4 B J**	**5.9**	**mg/kg**	**SW846 6010B**	**12/12-12/23/08**	**K4JV61AM**
		Dilution Factor: 1		Analysis Time..: 19:36	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 0.096	
Chromium	**5.0**	**0.59**	**mg/kg**	**SW846 6010B**	**12/12-12/23/08**	**K4JV61AN**
		Dilution Factor: 1		Analysis Time..: 19:36	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 0.066	

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AECOM, Inc

Client Sample ID: SB27(23-23.5)

TOTAL Metals

Lot-Sample #...: C8L110357-001 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Copper	8.3	3.0	mg/kg	SW846 6010B	12/12-12/23/08	K4JV61AP
		Dilution Factor: 1		Analysis Time..: 19:36	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 0.31	
Iron	10400	11.8	mg/kg	SW846 6010B	12/12-12/23/08	K4JV61AQ
		Dilution Factor: 1		Analysis Time..: 19:36	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 1.5	
Potassium	554 B J	591	mg/kg	SW846 6010B	12/12-12/23/08	K4JV61AR
		Dilution Factor: 1		Analysis Time..: 19:36	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 88.6	
Magnesium	1110	591	mg/kg	SW846 6010B	12/12-12/23/08	K4JV61AT
		Dilution Factor: 1		Analysis Time..: 19:36	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 2.5	
Manganese	55.1	1.8	mg/kg	SW846 6010B	12/12-12/23/08	K4JV61AU
		Dilution Factor: 1		Analysis Time..: 19:36	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 0.072	
Sodium	44.0 B J	591	mg/kg	SW846 6010B	12/12-12/23/08	K4JV61AV
		Dilution Factor: 1		Analysis Time..: 19:36	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 17.1	
Nickel	8.8	4.7	mg/kg	SW846 6010B	12/12-12/23/08	K4JV61AW
		Dilution Factor: 1		Analysis Time..: 19:36	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 0.17	
Lead	2.7	0.35	mg/kg	SW846 6010B	12/12-12/23/08	K4JV61AX
		Dilution Factor: 1		Analysis Time..: 19:36	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 0.19	
Selenium	2.1	0.59	mg/kg	SW846 6010B	12/12-12/23/08	K4JV61A0
		Dilution Factor: 1		Analysis Time..: 19:36	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 0.21	
Thallium	ND	1.2	mg/kg	SW846 6010B	12/12-12/23/08	K4JV61A1
		Dilution Factor: 1		Analysis Time..: 19:36	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 0.36	

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AECOM, Inc

Client Sample ID: SB27(23-23.5)

TOTAL Metals

Lot-Sample #...: C8L110357-001 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	ND	1.2	mg/kg	SW846 6010B	12/12-12/23/08	K4JV61A2
		Dilution Factor: 1		Analysis Time..: 19:36	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 0.25	
Vanadium	12.0	5.9	mg/kg	SW846 6010B	12/12-12/23/08	K4JV61A3
		Dilution Factor: 1		Analysis Time..: 19:36	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 0.29	
Zinc	24.5 J	2.4	mg/kg	SW846 6010B	12/12-12/23/08	K4JV61A4
		Dilution Factor: 1		Analysis Time..: 19:36	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 0.22	
Prep Batch #...: 8351215						
Mercury	0.0045 B J	0.039	mg/kg	SW846 7471A	12/16/08	K4JV61A5
		Dilution Factor: 1		Analysis Time..: 13:56	Analyst ID.....: 403938	
		Instrument ID..: HGHYDRA		MS Run #.....: 8351123	MDL.....: 0.0030	

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.

AECOM, Inc

Client Sample ID: SB27(35-36)

TOTAL Metals

Lot-Sample #...: C8L110357-002 Matrix.....: SO
Date Sampled...: 12/08/08 Date Received..: 12/11/08
% Moisture.....: 16

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8347504						
Silver	ND	0.60	mg/kg	SW846 6010B	12/12-12/23/08	K4JWQ1AE
		Dilution Factor: 1		Analysis Time..: 20:04	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 0.079	
Aluminum	**3140**	**23.9**	**mg/kg**	**SW846 6010B**	**12/12-12/23/08**	**K4JWQ1AF**
		Dilution Factor: 1		Analysis Time..: 20:04	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 2.9	
Arsenic	**3.0**	**1.2**	**mg/kg**	**SW846 6010B**	**12/12-12/23/08**	**K4JWQ1AG**
		Dilution Factor: 1		Analysis Time..: 20:04	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 0.35	
Barium	**19.4 B** J	**23.9**	**mg/kg**	**SW846 6010B**	**12/12-12/23/08**	**K4JWQ1AH**
		Dilution Factor: 1		Analysis Time..: 20:04	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 0.094	
Beryllium	~~0.28 B,J~~ 0.48 U	**0.48**	**mg/kg**	**SW846 6010B**	**12/12-12/23/08**	**K4JWQ1AJ**
		Dilution Factor: 1		Analysis Time..: 20:04	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 0.018	
Calcium	**24100**	**598**	**mg/kg**	**SW846 6010B**	**12/12-12/23/08**	**K4JWQ1AK**
		Dilution Factor: 1		Analysis Time..: 20:04	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 2.0	
Cadmium	ND	0.60	mg/kg	SW846 6010B	12/12-12/23/08	K4JWQ1AL
		Dilution Factor: 1		Analysis Time..: 20:04	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 0.025	
Cobalt	**3.2 B** J	**6.0**	**mg/kg**	**SW846 6010B**	**12/12-12/23/08**	**K4JWQ1AM**
		Dilution Factor: 1		Analysis Time..: 20:04	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 0.097	
Chromium	**5.4**	**0.60**	**mg/kg**	**SW846 6010B**	**12/12-12/23/08**	**K4JWQ1AN**
		Dilution Factor: 1		Analysis Time..: 20:04	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 0.067	

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AECOM, Inc

Client Sample ID: SB27(35-36)

TOTAL Metals

Lot-Sample #...: C8L110357-002 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Copper	6.9	3.0	mg/kg	SW846 6010B	12/12-12/23/08	K4JWQ1AP
		Dilution Factor: 1		Analysis Time..: 20:04	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 0.32	
Iron	10300	12.0	mg/kg	SW846 6010B	12/12-12/23/08	K4JWQ1AQ
		Dilution Factor: 1		Analysis Time..: 20:04	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 1.5	
Potassium	630	598	mg/kg	SW846 6010B	12/12-12/23/08	K4JWQ1AR
		Dilution Factor: 1		Analysis Time..: 20:04	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 89.6	
Magnesium	5360	598	mg/kg	SW846 6010B	12/12-12/23/08	K4JWQ1AT
		Dilution Factor: 1		Analysis Time..: 20:04	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 2.5	
Manganese	207	1.8	mg/kg	SW846 6010B	12/12-12/23/08	K4JWQ1AU
		Dilution Factor: 1		Analysis Time..: 20:04	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 0.073	
Sodium	101 B J	598	mg/kg	SW846 6010B	12/12-12/23/08	K4JWQ1AV
		Dilution Factor: 1		Analysis Time..: 20:04	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 17.3	
Nickel	8.6	4.8	mg/kg	SW846 6010B	12/12-12/23/08	K4JWQ1AW
		Dilution Factor: 1		Analysis Time..: 20:04	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 0.17	
Lead	3.1	0.36	mg/kg	SW846 6010B	12/12-12/23/08	K4JWQ1AX
		Dilution Factor: 1		Analysis Time..: 20:04	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 0.19	
Selenium	ND	0.60	mg/kg	SW846 6010B	12/12-12/23/08	K4JWQ1A0
		Dilution Factor: 1		Analysis Time..: 20:04	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 0.21	
Thallium	ND	1.2	mg/kg	SW846 6010B	12/12-12/23/08	K4JWQ1A1
		Dilution Factor: 1		Analysis Time..: 20:04	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 0.37	

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AECOM, Inc

Client Sample ID: SB27(35-36)

TOTAL Metals

Lot-Sample #...: C8L110357-002 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	ND	1.2	mg/kg	SW846 6010B	12/12-12/23/08	K4JWQ1A2
		Dilution Factor: 1		Analysis Time..: 20:04	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 0.25	
Vanadium	**12.1**	**6.0**	**mg/kg**	**SW846 6010B**	**12/12-12/23/08**	**K4JWQ1A3**
		Dilution Factor: 1		Analysis Time..: 20:04	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 0.29	
Zinc	**23.6 J**	**2.4**	**mg/kg**	**SW846 6010B**	**12/12-12/23/08**	**K4JWQ1A4**
		Dilution Factor: 1		Analysis Time..: 20:04	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 0.22	
Prep Batch #...: 8351215						
Mercury	**0.0084 B J**	**0.039**	**mg/kg**	**SW846 7471A**	**12/16/08**	**K4JWQ1A5**
		Dilution Factor: 1		Analysis Time..: 14:01	Analyst ID.....: 403938	
		Instrument ID..: HGHYDRA		MS Run #.....: 8351123	MDL.....: 0.0030	

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.

AECOM, Inc

Client Sample ID: SB53(25-26)

TOTAL Metals

Lot-Sample #...: C8L110357-003 Matrix.....: SO
Date Sampled...: 12/08/08 Date Received..: 12/11/08
% Moisture.....: 14

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8347504						
Silver	0.088 B J	0.58	mg/kg	SW846 6010B	12/12-12/23/08	K4JW01AK
		Dilution Factor: 1		Analysis Time..: 19:42	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 0.077	
Aluminum	4160	23.4	mg/kg	SW846 6010B	12/12-12/23/08	K4JW01AF
		Dilution Factor: 1		Analysis Time..: 19:42	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 2.8	
Arsenic	30.3	1.2	mg/kg	SW846 6010B	12/12-12/23/08	K4JW01AG
		Dilution Factor: 1		Analysis Time..: 19:42	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 0.34	
Barium	52.6	23.4	mg/kg	SW846 6010B	12/12-12/23/08	K4JW01AH
		Dilution Factor: 1		Analysis Time..: 19:42	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 0.092	
Beryllium	~~0.45 B,J~~ 0.47U	0.47	mg/kg	SW846 6010B	12/12-12/23/08	K4JW01AJ
		Dilution Factor: 1		Analysis Time..: 19:42	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 0.018	
Calcium	2450	584	mg/kg	SW846 6010B	12/12-12/23/08	K4JW01AK
		Dilution Factor: 1		Analysis Time..: 19:42	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 2.0	
Cadmium	ND	0.58	mg/kg	SW846 6010B	12/12-12/23/08	K4JW01AL
		Dilution Factor: 1		Analysis Time..: 19:42	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 0.025	
Cobalt	4.0 B J	5.8	mg/kg	SW846 6010B	12/12-12/23/08	K4JW01AM
		Dilution Factor: 1		Analysis Time..: 19:42	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 0.095	
Chromium	6.3	0.58	mg/kg	SW846 6010B	12/12-12/23/08	K4JW01AN
		Dilution Factor: 1		Analysis Time..: 19:42	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 0.065	

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AECOM, Inc

Client Sample ID: SB53(25-26)

TOTAL Metals

Lot-Sample #...: C8L110357-003 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Copper	11.2	2.9	mg/kg	SW846 6010B	12/12-12/23/08	K4JW01AP
		Dilution Factor: 1		Analysis Time..: 19:42	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 0.31	
Iron	11700	11.7	mg/kg	SW846 6010B	12/12-12/23/08	K4JW01AQ
		Dilution Factor: 1		Analysis Time..: 19:42	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 1.5	
Potassium	841	584	mg/kg	SW846 6010B	12/12-12/23/08	K4JW01AR
		Dilution Factor: 1		Analysis Time..: 19:42	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 87.6	
Magnesium	1770	584	mg/kg	SW846 6010B	12/12-12/23/08	K4JW01AT
		Dilution Factor: 1		Analysis Time..: 19:42	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 2.4	
Manganese	562	1.8	mg/kg	SW846 6010B	12/12-12/23/08	K4JW01AU
		Dilution Factor: 1		Analysis Time..: 19:42	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 0.071	
Sodium	76.1 B J	584	mg/kg	SW846 6010B	12/12-12/23/08	K4JW01AV
		Dilution Factor: 1		Analysis Time..: 19:42	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 16.9	
Nickel	11.4	4.7	mg/kg	SW846 6010B	12/12-12/23/08	K4JW01AW
		Dilution Factor: 1		Analysis Time..: 19:42	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 0.17	
Lead	4.3	0.35	mg/kg	SW846 6010B	12/12-12/23/08	K4JW01AX
		Dilution Factor: 1		Analysis Time..: 19:42	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 0.18	
Selenium	ND	0.58	mg/kg	SW846 6010B	12/12-12/23/08	K4JW01A0
		Dilution Factor: 1		Analysis Time..: 19:42	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 0.20	
Thallium	ND	1.2	mg/kg	SW846 6010B	12/12-12/23/08	K4JW01A1
		Dilution Factor: 1		Analysis Time..: 19:42	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 0.36	

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AECOM, Inc

Client Sample ID: SB53(25-26)

TOTAL Metals

Lot-Sample #...: C8L110357-003 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	ND	1.2	mg/kg	SW846 6010B	12/12-12/23/08	K4JW01A2
		Dilution Factor: 1		Analysis Time..: 19:42	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 0.25	
Vanadium	**12.3**	**5.8**	**mg/kg**	**SW846 6010B**	**12/12-12/23/08**	**K4JW01A3**
		Dilution Factor: 1		Analysis Time..: 19:42	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 0.28	
Zinc	**31.1 J**	**2.3**	**mg/kg**	**SW846 6010B**	**12/12-12/23/08**	**K4JW01A4**
		Dilution Factor: 1		Analysis Time..: 19:42	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 0.22	
Prep Batch #...: 8351215						
Mercury	**0.0047 B J**	**0.039**	**mg/kg**	**SW846 7471A**	**12/16/08**	**K4JW01A5**
		Dilution Factor: 1		Analysis Time..: 14:06	Analyst ID.....: 403938	
		Instrument ID..: HGHYDRA		MS Run #.....: 8351123	MDL.....: 0.0029	

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.

AECOM, Inc

Client Sample ID: SB54(11-12)

TOTAL Metals

Lot-Sample #...: C8L110357-004 Matrix.....: SO
Date Sampled...: 12/09/08 Date Received..: 12/11/08
% Moisture.....: 18

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8347504						
Silver	ND	0.61	mg/kg	SW846 6010B	12/12-12/23/08	K4JW31AE
		Dilution Factor: 1		Analysis Time..: 19:47	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 0.080	
Aluminum	**4820**	**24.3**	**mg/kg**	**SW846 6010B**	**12/12-12/23/08**	**K4JW31AF**
		Dilution Factor: 1		Analysis Time..: 19:47	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 2.9	
Arsenic	**1.9**	**1.2**	**mg/kg**	**SW846 6010B**	**12/12-12/23/08**	**K4JW31AG**
		Dilution Factor: 1		Analysis Time..: 19:47	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 0.35	
Barium	**25.8**	**24.3**	**mg/kg**	**SW846 6010B**	**12/12-12/23/08**	**K4JW31AH**
		Dilution Factor: 1		Analysis Time..: 19:47	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 0.096	
Beryllium	~~0.43 B,J~~ 0.49U	**0.49**	**mg/kg**	**SW846 6010B**	**12/12-12/23/08**	**K4JW31AJ**
		Dilution Factor: 1		Analysis Time..: 19:47	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 0.018	
Calcium	**1470**	**606**	**mg/kg**	**SW846 6010B**	**12/12-12/23/08**	**K4JW31AK**
		Dilution Factor: 1		Analysis Time..: 19:47	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 2.1	
Cadmium	ND	0.61	mg/kg	SW846 6010B	12/12-12/23/08	K4JW31AL
		Dilution Factor: 1		Analysis Time..: 19:47	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 0.025	
Cobalt	**4.8 B J**	**6.1**	**mg/kg**	**SW846 6010B**	**12/12-12/23/08**	**K4JW31AM**
		Dilution Factor: 1		Analysis Time..: 19:47	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 0.098	
Chromium	**6.8**	**0.61**	**mg/kg**	**SW846 6010B**	**12/12-12/23/08**	**K4JW31AN**
		Dilution Factor: 1		Analysis Time..: 19:47	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 0.068	

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AECOM, Inc

Client Sample ID: SB54(11-12)

TOTAL Metals

Lot-Sample #...: C8L110357-004 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Copper	10.6	3.0	mg/kg	SW846 6010B	12/12-12/23/08	K4JW31AP
		Dilution Factor: 1		Analysis Time..: 19:47	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 0.32	
Iron	12400	12.1	mg/kg	SW846 6010B	12/12-12/23/08	K4JW31AQ
		Dilution Factor: 1		Analysis Time..: 19:47	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 1.6	
Potassium	852	606	mg/kg	SW846 6010B	12/12-12/23/08	K4JW31AR
		Dilution Factor: 1		Analysis Time..: 19:47	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 90.9	
Magnesium	1750	606	mg/kg	SW846 6010B	12/12-12/23/08	K4JW31AT
		Dilution Factor: 1		Analysis Time..: 19:47	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 2.5	
Manganese	222	1.8	mg/kg	SW846 6010B	12/12-12/23/08	K4JW31AU
		Dilution Factor: 1		Analysis Time..: 19:47	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 0.074	
Sodium	491 B J	606	mg/kg	SW846 6010B	12/12-12/23/08	K4JW31AV
		Dilution Factor: 1		Analysis Time..: 19:47	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 17.6	
Nickel	9.7	4.9	mg/kg	SW846 6010B	12/12-12/23/08	K4JW31AW
		Dilution Factor: 1		Analysis Time..: 19:47	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 0.17	
Lead	4.1	0.36	mg/kg	SW846 6010B	12/12-12/23/08	K4JW31AX
		Dilution Factor: 1		Analysis Time..: 19:47	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 0.19	
Selenium	ND	0.61	mg/kg	SW846 6010B	12/12-12/23/08	K4JW31A0
		Dilution Factor: 1		Analysis Time..: 19:47	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 0.21	
Thallium	ND	1.2	mg/kg	SW846 6010B	12/12-12/23/08	K4JW31A1
		Dilution Factor: 1		Analysis Time..: 19:47	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 0.37	

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AECOM, Inc

Client Sample ID: SB54(11-12)

TOTAL Metals

Lot-Sample #...: C8L110357-004 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	ND	1.2	mg/kg	SW846 6010B	12/12-12/23/08	K4JW31A2
		Dilution Factor: 1		Analysis Time..: 19:47	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 0.26	
Vanadium	**14.1**	**6.1**	**mg/kg**	**SW846 6010B**	**12/12-12/23/08**	**K4JW31A3**
		Dilution Factor: 1		Analysis Time..: 19:47	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 0.29	
Zinc	**31.5 J**	**2.4**	**mg/kg**	**SW846 6010B**	**12/12-12/23/08**	**K4JW31A4**
		Dilution Factor: 1		Analysis Time..: 19:47	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 0.22	
Prep Batch #...: 8351215						
Mercury	**0.025 ~~B~~ J**	**0.040**	**mg/kg**	**SW846 7471A**	**12/16/08**	**K4JW31A5**
		Dilution Factor: 1		Analysis Time..: 14:08	Analyst ID.....: 403938	
		Instrument ID..: HGHYDRA		MS Run #.....: 8351123	MDL.....: 0.0030	

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.

AECOM, Inc

Client Sample ID: SB56(11-12)

TOTAL Metals

Lot-Sample #...: C8L110357-005 Matrix.....: SO
Date Sampled...: 12/09/08 Date Received..: 12/11/08
% Moisture.....: 19

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8347504						
Silver	ND	0.62	mg/kg	SW846 6010B	12/12-12/23/08	K4JW71AE
		Dilution Factor: 1		Analysis Time..: 19:53	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 0.082	
Aluminum	**2950**	**24.8**	**mg/kg**	**SW846 6010B**	**12/12-12/23/08**	**K4JW71AF**
		Dilution Factor: 1		Analysis Time..: 19:53	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 3.0	
Arsenic	**1.5**	**1.2**	**mg/kg**	**SW846 6010B**	**12/12-12/23/08**	**K4JW71AG**
		Dilution Factor: 1		Analysis Time..: 19:53	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 0.36	
Barium	**8.9 B** J	**24.8**	**mg/kg**	**SW846 6010B**	**12/12-12/23/08**	**K4JW71AH**
		Dilution Factor: 1		Analysis Time..: 19:53	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 0.098	
Beryllium	~~0.28 B,J~~ 0.50 U	**0.50**	**mg/kg**	**SW846 6010B**	**12/12-12/23/08**	**K4JW71AJ**
		Dilution Factor: 1		Analysis Time..: 19:53	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 0.019	
Calcium	**9720**	**621**	**mg/kg**	**SW846 6010B**	**12/12-12/23/08**	**K4JW71AK**
		Dilution Factor: 1		Analysis Time..: 19:53	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 2.1	
Cadmium	ND	0.62	mg/kg	SW846 6010B	12/12-12/23/08	K4JW71AL
		Dilution Factor: 1		Analysis Time..: 19:53	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 0.026	
Cobalt	**2.9 B** J	**6.2**	**mg/kg**	**SW846 6010B**	**12/12-12/23/08**	**K4JW71AM**
		Dilution Factor: 1		Analysis Time..: 19:53	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 0.10	
Chromium	**4.6**	**0.62**	**mg/kg**	**SW846 6010B**	**12/12-12/23/08**	**K4JW71AN**
		Dilution Factor: 1		Analysis Time..: 19:53	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 0.069	

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AECOM, Inc

Client Sample ID: SB56(11-12)

TOTAL Metals

Lot-Sample #...: C8L110357-005 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Copper	6.6	3.1	mg/kg	SW846 6010B	12/12-12/23/08	K4JW71AP
		Dilution Factor: 1		Analysis Time..: 19:53	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 0.33	
Iron	10100	12.4	mg/kg	SW846 6010B	12/12-12/23/08	K4JW71AQ
		Dilution Factor: 1		Analysis Time..: 19:53	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 1.6	
Potassium	578 B J	621	mg/kg	SW846 6010B	12/12-12/23/08	K4JW71AR
		Dilution Factor: 1		Analysis Time..: 19:53	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 93.1	
Magnesium	2380	621	mg/kg	SW846 6010B	12/12-12/23/08	K4JW71AT
		Dilution Factor: 1		Analysis Time..: 19:53	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 2.6	
Manganese	308	1.9	mg/kg	SW846 6010B	12/12-12/23/08	K4JW71AU
		Dilution Factor: 1		Analysis Time..: 19:53	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 0.076	
Sodium	130 B J	621	mg/kg	SW846 6010B	12/12-12/23/08	K4JW71AV
		Dilution Factor: 1		Analysis Time..: 19:53	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 18.0	
Nickel	6.9	5.0	mg/kg	SW846 6010B	12/12-12/23/08	K4JW71AW
		Dilution Factor: 1		Analysis Time..: 19:53	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 0.18	
Lead	2.6	0.37	mg/kg	SW846 6010B	12/12-12/23/08	K4JW71AX
		Dilution Factor: 1		Analysis Time..: 19:53	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 0.19	
Selenium	ND	0.62	mg/kg	SW846 6010B	12/12-12/23/08	K4JW71A0
		Dilution Factor: 1		Analysis Time..: 19:53	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 0.22	
Thallium	ND	1.2	mg/kg	SW846 6010B	12/12-12/23/08	K4JW71A1
		Dilution Factor: 1		Analysis Time..: 19:53	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 0.38	

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AECOM, Inc

Client Sample ID: SB56(11-12)

TOTAL Metals

Lot-Sample #...: C8L110357-005 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	ND	1.2	mg/kg	SW846 6010B	12/12-12/23/08	K4JW71A2
		Dilution Factor: 1		Analysis Time..: 19:53	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 0.26	
Vanadium	**11.7**	**6.2**	**mg/kg**	**SW846 6010B**	**12/12-12/23/08**	**K4JW71A3**
		Dilution Factor: 1		Analysis Time..: 19:53	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 0.30	
Zinc	**21.5 J**	**2.5**	**mg/kg**	**SW846 6010B**	**12/12-12/23/08**	**K4JW71A4**
		Dilution Factor: 1		Analysis Time..: 19:53	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 0.23	
Prep Batch #...: 8351215						
Mercury	**0.010 B J**	**0.041**	**mg/kg**	**SW846 7471A**	**12/16/08**	**K4JW71A5**
		Dilution Factor: 1		Analysis Time..: 14:09	Analyst ID.....: 403938	
		Instrument ID..: HGHYDRA		MS Run #.....: 8351123	MDL.....: 0.0031	

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.

AECOM, Inc

Client Sample ID: SB57(11-12)

TOTAL Metals

Lot-Sample #...: C8L110357-006 Matrix.....: SO
Date Sampled...: 12/09/08 Date Received..: 12/11/08
% Moisture.....: 17

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8347504						
Silver	ND	0.60	mg/kg	SW846 6010B	12/12-12/23/08	K4JW91AE
		Dilution Factor: 1		Analysis Time..: 19:58	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 0.079	
Aluminum	**6160**	**24.0**	**mg/kg**	**SW846 6010B**	**12/12-12/23/08**	**K4JW91AF**
		Dilution Factor: 1		Analysis Time..: 19:58	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 2.9	
Arsenic	**3.6**	**1.2**	**mg/kg**	**SW846 6010B**	**12/12-12/23/08**	**K4JW91AG**
		Dilution Factor: 1		Analysis Time..: 19:58	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 0.35	
Barium	**40.9**	**24.0**	**mg/kg**	**SW846 6010B**	**12/12-12/23/08**	**K4JW91AH**
		Dilution Factor: 1		Analysis Time..: 19:58	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 0.095	
Beryllium	~~0.36 B,J~~ 0.480	**0.48**	**mg/kg**	**SW846 6010B**	**12/12-12/23/08**	**K4JW91AJ**
		Dilution Factor: 1		Analysis Time..: 19:58	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 0.018	
Calcium	**1200**	**600**	**mg/kg**	**SW846 6010B**	**12/12-12/23/08**	**K4JW91AK**
		Dilution Factor: 1		Analysis Time..: 19:58	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 2.0	
Cadmium	ND	0.60	mg/kg	SW846 6010B	12/12-12/23/08	K4JW91AL
		Dilution Factor: 1		Analysis Time..: 19:58	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 0.025	
Cobalt	**4.3 B** J	**6.0**	**mg/kg**	**SW846 6010B**	**12/12-12/23/08**	**K4JW91AM**
		Dilution Factor: 1		Analysis Time..: 19:58	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 0.097	
Chromium	**7.3**	**0.60**	**mg/kg**	**SW846 6010B**	**12/12-12/23/08**	**K4JW91AN**
		Dilution Factor: 1		Analysis Time..: 19:58	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 0.067	

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AECOM, Inc

Client Sample ID: SB57(11-12)

TOTAL Metals

Lot-Sample #...: C8L110357-006 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Copper	46.0	3.0	mg/kg	SW846 6010B	12/12-12/23/08	K4JW91AP
		Dilution Factor: 1		Analysis Time..: 19:58	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 0.32	
Iron	13500	12.0	mg/kg	SW846 6010B	12/12-12/23/08	K4JW91AQ
		Dilution Factor: 1		Analysis Time..: 19:58	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 1.5	
Potassium	697	600	mg/kg	SW846 6010B	12/12-12/23/08	K4JW91AR
		Dilution Factor: 1		Analysis Time..: 19:58	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 90.1	
Magnesium	1560	600	mg/kg	SW846 6010B	12/12-12/23/08	K4JW91AT
		Dilution Factor: 1		Analysis Time..: 19:58	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 2.5	
Manganese	105	1.8	mg/kg	SW846 6010B	12/12-12/23/08	K4JW91AU
		Dilution Factor: 1		Analysis Time..: 19:58	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 0.073	
Sodium	66.3 ~~B~~ J	600	mg/kg	SW846 6010B	12/12-12/23/08	K4JW91AV
		Dilution Factor: 1		Analysis Time..: 19:58	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 17.4	
Nickel	8.8	4.8	mg/kg	SW846 6010B	12/12-12/23/08	K4JW91AW
		Dilution Factor: 1		Analysis Time..: 19:58	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 0.17	
Lead	4.1	0.36	mg/kg	SW846 6010B	12/12-12/23/08	K4JW91AX
		Dilution Factor: 1		Analysis Time..: 19:58	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 0.19	
Selenium	ND	0.60	mg/kg	SW846 6010B	12/12-12/23/08	K4JW91A0
		Dilution Factor: 1		Analysis Time..: 19:58	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 0.21	
Thallium	ND	1.2	mg/kg	SW846 6010B	12/12-12/23/08	K4JW91A1
		Dilution Factor: 1		Analysis Time..: 19:58	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 0.37	

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AECOM, Inc

Client Sample ID: SB57(11-12)

TOTAL Metals

Lot-Sample #...: C8L110357-006 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	ND	1.2	mg/kg	SW846 6010B	12/12-12/23/08	K4JW91A2
		Dilution Factor: 1		Analysis Time..: 19:58	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 0.25	
Vanadium	**14.9**	**6.0**	**mg/kg**	**SW846 6010B**	**12/12-12/23/08**	**K4JW91A3**
		Dilution Factor: 1		Analysis Time..: 19:58	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 0.29	
Zinc	**98.4 J**	**2.4**	**mg/kg**	**SW846 6010B**	**12/12-12/23/08**	**K4JW91A4**
		Dilution Factor: 1		Analysis Time..: 19:58	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 0.22	
Prep Batch #...: 8351215						
Mercury	**0.013 B J**	**0.040**	**mg/kg**	**SW846 7471A**	**12/16/08**	**K4JW91A5**
		Dilution Factor: 1		Analysis Time..: 14:11	Analyst ID.....: 403938	
		Instrument ID..: HGHYDRA		MS Run #.....: 8351123	MDL.....: 0.0030	

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.

AECOM, Inc

Client Sample ID: SB59(15-16)

TOTAL Metals

Lot-Sample #...: C8L110357-007 Matrix.....: SO
Date Sampled...: 12/09/08 Date Received..: 12/11/08
% Moisture.....: 17

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8347504						
Silver	ND	0.60	mg/kg	SW846 6010B	12/12-12/23/08	K4JXG1AE
		Dilution Factor: 1		Analysis Time..: 20:09	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 0.079	
Aluminum	**3220**	**24.1**	**mg/kg**	**SW846 6010B**	**12/12-12/23/08**	**K4JXG1AF**
		Dilution Factor: 1		Analysis Time..: 20:09	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 2.9	
Arsenic	**0.63 ~~B~~ J**	**1.2**	**mg/kg**	**SW846 6010B**	**12/12-12/23/08**	**K4JXG1AG**
		Dilution Factor: 1		Analysis Time..: 20:09	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 0.35	
Barium	**9.8 ~~B~~ J**	**24.1**	**mg/kg**	**SW846 6010B**	**12/12-12/23/08**	**K4JXG1AH**
		Dilution Factor: 1		Analysis Time..: 20:09	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 0.095	
Beryllium	**~~0.21 B,J~~ 0.480**	**0.48**	**mg/kg**	**SW846 6010B**	**12/12-12/23/08**	**K4JXG1AJ**
		Dilution Factor: 1		Analysis Time..: 20:09	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 0.018	
Calcium	**1190**	**602**	**mg/kg**	**SW846 6010B**	**12/12-12/23/08**	**K4JXG1AK**
		Dilution Factor: 1		Analysis Time..: 20:09	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 2.0	
Cadmium	ND	0.60	mg/kg	SW846 6010B	12/12-12/23/08	K4JXG1AL
		Dilution Factor: 1		Analysis Time..: 20:09	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 0.025	
Cobalt	**1.9 ~~B~~ J**	**6.0**	**mg/kg**	**SW846 6010B**	**12/12-12/23/08**	**K4JXG1AM**
		Dilution Factor: 1		Analysis Time..: 20:09	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 0.097	
Chromium	**5.3**	**0.60**	**mg/kg**	**SW846 6010B**	**12/12-12/23/08**	**K4JXG1AN**
		Dilution Factor: 1		Analysis Time..: 20:09	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 0.067	

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AECOM, Inc

Client Sample ID: SB59(15-16)

TOTAL Metals

Lot-Sample #...: C8L110357-007 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Copper	6.2	3.0	mg/kg	SW846 6010B	12/12-12/23/08	K4JXG1AP
		Dilution Factor: 1		Analysis Time..: 20:09	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 0.32	
Iron	8220	12.0	mg/kg	SW846 6010B	12/12-12/23/08	K4JXG1AQ
		Dilution Factor: 1		Analysis Time..: 20:09	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 1.5	
Potassium	662	602	mg/kg	SW846 6010B	12/12-12/23/08	K4JXG1AR
		Dilution Factor: 1		Analysis Time..: 20:09	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 90.2	
Magnesium	1190	602	mg/kg	SW846 6010B	12/12-12/23/08	K4JXG1AT
		Dilution Factor: 1		Analysis Time..: 20:09	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 2.5	
Manganese	44.9	1.8	mg/kg	SW846 6010B	12/12-12/23/08	K4JXG1AU
		Dilution Factor: 1		Analysis Time..: 20:09	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 0.073	
Sodium	125 ~~B~~ J	602	mg/kg	SW846 6010B	12/12-12/23/08	K4JXG1AV
		Dilution Factor: 1		Analysis Time..: 20:09	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 17.5	
Nickel	5.5	4.8	mg/kg	SW846 6010B	12/12-12/23/08	K4JXG1AW
		Dilution Factor: 1		Analysis Time..: 20:09	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 0.17	
Lead	2.9	0.36	mg/kg	SW846 6010B	12/12-12/23/08	K4JXG1AX
		Dilution Factor: 1		Analysis Time..: 20:09	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 0.19	
Selenium	~~0.37 B~~ 0.60 U	0.60	mg/kg	SW846 6010B	12/12-12/23/08	K4JXG1A0
		Dilution Factor: 1		Analysis Time..: 20:09	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 0.21	
Thallium	ND	1.2	mg/kg	SW846 6010B	12/12-12/23/08	K4JXG1A1
		Dilution Factor: 1		Analysis Time..: 20:09	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 0.37	

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AECOM, Inc

Client Sample ID: SB59(15-16)

TOTAL Metals

Lot-Sample #...: C8L110357-007 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	ND	1.2	mg/kg	SW846 6010B	12/12-12/23/08	K4JXG1A2
		Dilution Factor: 1		Analysis Time..: 20:09	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 0.25	
Vanadium	**12.7**	**6.0**	**mg/kg**	**SW846 6010B**	**12/12-12/23/08**	**K4JXG1A3**
		Dilution Factor: 1		Analysis Time..: 20:09	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 0.29	
Zinc	**18.0 J,E**	**2.4**	**mg/kg**	**SW846 6010B**	**12/12-12/23/08**	**K4JXG1A4**
		Dilution Factor: 1		Analysis Time..: 20:09	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 0.22	
Prep Batch #...: 8351215						
Mercury	**0.0086 B J**	**0.040**	**mg/kg**	**SW846 7471A**	**12/16/08**	**K4JXG1A5**
		Dilution Factor: 1		Analysis Time..: 14:13	Analyst ID.....: 403938	
		Instrument ID..: HGHYDRA		MS Run #.....: 8351123	MDL.....: 0.0030	

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.

AECOM, Inc

Client Sample ID: SB59(23-24)

TOTAL Metals

Lot-Sample #...: C8L110357-008 Matrix.....: SO
Date Sampled...: 12/09/08 Date Received..: 12/11/08
% Moisture.....: 17

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8347504						
Silver	ND	0.60	mg/kg	SW846 6010B	12/12-12/23/08	K4JXL1AE
		Dilution Factor: 1		Analysis Time..: 20:42	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 0.079	
Aluminum	**4390**	**24.0**	**mg/kg**	**SW846 6010B**	**12/12-12/23/08**	**K4JXL1AF**
		Dilution Factor: 1		Analysis Time..: 20:42	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 2.9	
Arsenic	**2.1**	**1.2**	**mg/kg**	**SW846 6010B**	**12/12-12/23/08**	**K4JXL1AG**
		Dilution Factor: 1		Analysis Time..: 20:42	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 0.35	
Barium	**24.9**	**24.0**	**mg/kg**	**SW846 6010B**	**12/12-12/23/08**	**K4JXL1AH**
		Dilution Factor: 1		Analysis Time..: 20:42	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 0.095	
Beryllium	~~0.36 B,J~~ 0.48 U	**0.48**	**mg/kg**	**SW846 6010B**	**12/12-12/23/08**	**K4JXL1AJ**
		Dilution Factor: 1		Analysis Time..: 20:42	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 0.018	
Calcium	**27100**	**601**	**mg/kg**	**SW846 6010B**	**12/12-12/23/08**	**K4JXL1AK**
		Dilution Factor: 1		Analysis Time..: 20:42	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 2.0	
Cadmium	ND	0.60	mg/kg	SW846 6010B	12/12-12/23/08	K4JXL1AL
		Dilution Factor: 1		Analysis Time..: 20:42	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 0.025	
Cobalt	**4.5 B J**	**6.0**	**mg/kg**	**SW846 6010B**	**12/12-12/23/08**	**K4JXL1AM**
		Dilution Factor: 1		Analysis Time..: 20:42	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 0.097	
Chromium	**6.9**	**0.60**	**mg/kg**	**SW846 6010B**	**12/12-12/23/08**	**K4JXL1AN**
		Dilution Factor: 1		Analysis Time..: 20:42	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 0.067	

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AECOM, Inc

Client Sample ID: SB59(23-24)

TOTAL Metals

Lot-Sample #...: C8L110357-008 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Copper	10.7	3.0	mg/kg	SW846 6010B	12/12-12/23/08	K4JXL1AP
		Dilution Factor: 1		Analysis Time..: 20:42	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 0.32	
Iron	11600	12.0	mg/kg	SW846 6010B	12/12-12/23/08	K4JXL1AQ
		Dilution Factor: 1		Analysis Time..: 20:42	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 1.5	
Potassium	897	601	mg/kg	SW846 6010B	12/12-12/23/08	K4JXL1AR
		Dilution Factor: 1		Analysis Time..: 20:42	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 90.1	
Magnesium	6550	601	mg/kg	SW846 6010B	12/12-12/23/08	K4JXL1AT
		Dilution Factor: 1		Analysis Time..: 20:42	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 2.5	
Manganese	245	1.8	mg/kg	SW846 6010B	12/12-12/23/08	K4JXL1AU
		Dilution Factor: 1		Analysis Time..: 20:42	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 0.073	
Sodium	170 B J	601	mg/kg	SW846 6010B	12/12-12/23/08	K4JXL1AV
		Dilution Factor: 1		Analysis Time..: 20:42	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 17.4	
Nickel	9.8	4.8	mg/kg	SW846 6010B	12/12-12/23/08	K4JXL1AW
		Dilution Factor: 1		Analysis Time..: 20:42	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 0.17	
Lead	4.1	0.36	mg/kg	SW846 6010B	12/12-12/23/08	K4JXL1AX
		Dilution Factor: 1		Analysis Time..: 20:42	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 0.19	
Selenium	ND	0.60	mg/kg	SW846 6010B	12/12-12/23/08	K4JXL1A0
		Dilution Factor: 1		Analysis Time..: 20:42	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 0.21	
Thallium	ND	1.2	mg/kg	SW846 6010B	12/12-12/23/08	K4JXL1A1
		Dilution Factor: 1		Analysis Time..: 20:42	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 0.37	

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AECOM, Inc

Client Sample ID: SB59(23-24)

TOTAL Metals

Lot-Sample #...: C8L110357-008 Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	ND	1.2	mg/kg	SW846 6010B	12/12-12/23/08	K4JXL1A2
		Dilution Factor: 1		Analysis Time..: 20:42	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 0.25	
Vanadium	**13.8**	**6.0**	**mg/kg**	**SW846 6010B**	**12/12-12/23/08**	**K4JXL1A3**
		Dilution Factor: 1		Analysis Time..: 20:42	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 0.29	
Zinc	**29.5 J**	**2.4**	**mg/kg**	**SW846 6010B**	**12/12-12/23/08**	**K4JXL1A4**
		Dilution Factor: 1		Analysis Time..: 20:42	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8347327	MDL.....: 0.22	
Prep Batch #...: 8351215						
Mercury	**0.011 B J**	**0.040**	**mg/kg**	**SW846 7471A**	**12/16/08**	**K4JXL1A5**
		Dilution Factor: 1		Analysis Time..: 14:14	Analyst ID.....: 403938	
		Instrument ID..: HGHYDRA		MS Run #.....: 8351123	MDL.....: 0.0030	

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.

AECOM, Inc

Client Sample ID: MW-4

TOTAL Metals

Lot-Sample #...: C8L100288-001 Matrix.....: WG
Date Sampled...: 12/09/08 Date Received..: 12/10/08

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8346399						
Silver	ND	5.0	ug/L	SW846 6010B	12/11-12/27/08	K4FMX1AD
		Dilution Factor: 1		Analysis Time..: 12:24	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 0.54	
Aluminum	**36.1 B J**	**200**	**ug/L**	**SW846 6010B**	**12/11-12/27/08**	**K4FMX1AE**
		Dilution Factor: 1		Analysis Time..: 12:24	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 16.2	
Arsenic	**6.2 B J**	**10.0**	**ug/L**	**SW846 6010B**	**12/11-12/27/08**	**K4FMX1AF**
		Dilution Factor: 1		Analysis Time..: 12:24	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 2.0	
Barium	~~40.2 B~~ 200 U	**200**	**ug/L**	**SW846 6010B**	**12/11-12/27/08**	**K4FMX1AG**
		Dilution Factor: 1		Analysis Time..: 12:24	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 0.26	
Beryllium	ND	4.0	ug/L	SW846 6010B	12/11-12/27/08	K4FMX1AH
		Dilution Factor: 1		Analysis Time..: 12:24	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 0.18	
Calcium	**87600 J**	**5000**	**ug/L**	**SW846 6010B**	**12/11-12/27/08**	**K4FMX1AJ**
		Dilution Factor: 1		Analysis Time..: 12:24	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 17.7	
Cadmium	ND	5.0	ug/L	SW846 6010B	12/11-12/27/08	K4FMX1AK
		Dilution Factor: 1		Analysis Time..: 12:24	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 0.21	
Cobalt	ND	50.0	ug/L	SW846 6010B	12/11-12/27/08	K4FMX1AL
		Dilution Factor: 1		Analysis Time..: 12:24	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 0.45	
Chromium	ND	5.0	ug/L	SW846 6010B	12/11-12/27/08	K4FMX1AM
		Dilution Factor: 1		Analysis Time..: 12:24	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 1.1	

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AECOM, Inc

Client Sample ID: MW-4

TOTAL Metals

Lot-Sample #...: C8L100288-001 Matrix.....: WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Copper	ND	25.0	ug/L	SW846 6010B	12/11-12/27/08	K4FMX1AN
		Dilution Factor: 1		Analysis Time..: 12:24	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 4.6	
Iron	211	100	ug/L	SW846 6010B	12/11-12/27/08	K4FMX1AP
		Dilution Factor: 1		Analysis Time..: 12:24	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 8.4	
Potassium	14500	5000	ug/L	SW846 6010B	12/11-12/27/08	K4FMX1AQ
		Dilution Factor: 1		Analysis Time..: 12:24	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 750	
Magnesium	17500	5000	ug/L	SW846 6010B	12/11-12/27/08	K4FMX1AR
		Dilution Factor: 1		Analysis Time..: 12:24	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 21.8	
Manganese	72.2	15.0	ug/L	SW846 6010B	12/11-12/27/08	K4FMX1AT
		Dilution Factor: 1		Analysis Time..: 12:24	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 0.57	
Sodium	376000	5000	ug/L	SW846 6010B	12/11-12/27/08	K4FMX1AU
		Dilution Factor: 1		Analysis Time..: 12:24	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 145	
Nickel	1.6 B	40.0	ug/L	SW846 6010B	12/11-12/27/08	K4FMX1AV
		Dilution Factor: 1		Analysis Time..: 12:24	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 0.78	
Lead	ND	3.0	ug/L	SW846 6010B	12/11-12/27/08	K4FMX1AW
		Dilution Factor: 1		Analysis Time..: 12:24	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 1.7	
Selenium	ND	5.0	ug/L	SW846 6010B	12/11-12/27/08	K4FMX1AX
		Dilution Factor: 1		Analysis Time..: 12:24	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 2.9	
Thallium	ND	10.0	ug/L	SW846 6010B	12/11-12/27/08	K4FMX1A0
		Dilution Factor: 1		Analysis Time..: 12:24	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 2.8	

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AECOM, Inc

Client Sample ID: MW-4

TOTAL Metals

Lot-Sample #...: C8L100288-001 Matrix.....: WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	ND	10.0	ug/L	SW846 6010B	12/11-12/27/08	K4FMX1A1
		Dilution Factor: 1		Analysis Time..: 12:24	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 1.8	
Vanadium	**8.6 B J**	**50.0**	**ug/L**	**SW846 6010B**	**12/11-12/27/08**	**K4FMX1A2**
		Dilution Factor: 1		Analysis Time..: 12:24	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 2.4	
Zinc	~~5.3 B,J~~ 20.0U	**20.0**	**ug/L**	**SW846 6010B**	**12/11-12/27/08**	**K4FMX1A3**
		Dilution Factor: 1		Analysis Time..: 12:24	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 3.1	
Prep Batch #...: 8357029						
Mercury	ND	0.20	ug/L	SW846 7470A	12/22/08	K4FMX1A4
		Dilution Factor: 1		Analysis Time..: 09:06	Analyst ID.....: 031043	
		Instrument ID..: HGHYDRA		MS Run #.....: 8357022	MDL.....: 0.016	

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.

AECOM, Inc

Client Sample ID: MW-1

TOTAL Metals

Lot-Sample #...: C8L100288-002 Matrix.....: WG
Date Sampled...: 12/09/08 Date Received..: 12/10/08

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8346399						
Silver	ND	5.0	ug/L	SW846 6010B	12/11-12/27/08	K4FM71AK
		Dilution Factor: 1		Analysis Time..: 12:13	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 0.54	
Aluminum	**819**	**200**	**ug/L**	**SW846 6010B**	**12/11-12/27/08**	**K4FM71AL**
		Dilution Factor: 1		Analysis Time..: 12:13	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 16.2	
Arsenic	**5.0 B J**	**10.0**	**ug/L**	**SW846 6010B**	**12/11-12/27/08**	**K4FM71AM**
		Dilution Factor: 1		Analysis Time..: 12:13	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 2.0	
Barium	**250**	**200**	**ug/L**	**SW846 6010B**	**12/11-12/27/08**	**K4FM71AN**
		Dilution Factor: 1		Analysis Time..: 12:13	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 0.26	
Beryllium	ND	4.0	ug/L	SW846 6010B	12/11-12/27/08	K4FM71AP
		Dilution Factor: 1		Analysis Time..: 12:13	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 0.18	
Calcium	**183000 J**	**5000**	**ug/L**	**SW846 6010B**	**12/11-12/27/08**	**K4FM71AQ**
		Dilution Factor: 1		Analysis Time..: 12:13	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 17.7	
Cadmium	ND	5.0	ug/L	SW846 6010B	12/11-12/27/08	K4FM71AR
		Dilution Factor: 1		Analysis Time..: 12:13	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 0.21	
Cobalt	~~0.49 B~~ 50.0 U	**50.0**	**ug/L**	**SW846 6010B**	**12/11-12/27/08**	**K4FM71AT**
		Dilution Factor: 1		Analysis Time..: 12:13	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 0.45	
Chromium	**2.2 B J**	**5.0**	**ug/L**	**SW846 6010B**	**12/11-12/27/08**	**K4FM71AU**
		Dilution Factor: 1		Analysis Time..: 12:13	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 1.1	

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AECOM, Inc

Client Sample ID: MW-1

TOTAL Metals

Lot-Sample #...: C8L100288-002 Matrix.....: WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Copper	ND	25.0	ug/L	SW846 6010B	12/11-12/27/08	K4FM71AV
		Dilution Factor: 1		Analysis Time..: 12:13	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 4.6	
Iron	7900	100	ug/L	SW846 6010B	12/11-12/27/08	K4FM71AW
		Dilution Factor: 1		Analysis Time..: 12:13	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 8.4	
Potassium	31700	5000	ug/L	SW846 6010B	12/11-12/27/08	K4FM71AX
		Dilution Factor: 1		Analysis Time..: 12:13	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 750	
Magnesium	22700	5000	ug/L	SW846 6010B	12/11-12/27/08	K4FM71A0
		Dilution Factor: 1		Analysis Time..: 12:13	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 21.8	
Manganese	1050	15.0	ug/L	SW846 6010B	12/11-12/27/08	K4FM71A1
		Dilution Factor: 1		Analysis Time..: 12:13	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 0.57	
Sodium	409000	10000	ug/L	SW846 6010B	12/11-12/28/08	K4FM71A2
		Dilution Factor: 2		Analysis Time..: 00:50	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 290	
Nickel	~~2.3 B~~ 40.0 U	40.0	ug/L	SW846 6010B	12/11-12/27/08	K4FM71A3
		Dilution Factor: 1		Analysis Time..: 12:13	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 0.78	
Lead	ND	3.0	ug/L	SW846 6010B	12/11-12/27/08	K4FM71A4
		Dilution Factor: 1		Analysis Time..: 12:13	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 1.7	
Selenium	ND	5.0	ug/L	SW846 6010B	12/11-12/27/08	K4FM71A5
		Dilution Factor: 1		Analysis Time..: 12:13	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 2.9	
Thallium	ND	10.0	ug/L	SW846 6010B	12/11-12/27/08	K4FM71AA
		Dilution Factor: 1		Analysis Time..: 12:13	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 2.8	

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AECOM, Inc

Client Sample ID: MW-1

TOTAL Metals

Lot-Sample #...: C8L100288-002 Matrix.....: WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	ND	10.0	ug/L	SW846 6010B	12/11-12/27/08	K4FM71AC
		Dilution Factor: 1		Analysis Time..: 12:13	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 1.8	
Vanadium	**3.8 ~~B~~ J**	**50.0**	**ug/L**	**SW846 6010B**	**12/11-12/27/08**	**K4FM71AD**
		Dilution Factor: 1		Analysis Time..: 12:13	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 2.4	
Zinc	**28.3 ~~J~~**	**20.0**	**ug/L**	**SW846 6010B**	**12/11-12/27/08**	**K4FM71AE**
		Dilution Factor: 1		Analysis Time..: 12:13	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 3.1	
Prep Batch #...: 8357029						
Mercury	ND	0.20	ug/L	SW846 7470A	12/22/08	K4FM71AF
		Dilution Factor: 1		Analysis Time..: 09:07	Analyst ID.....: 031043	
		Instrument ID..: HGHYDRA		MS Run #.....: 8357022	MDL.....: 0.016	

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.

AECOM, Inc

Client Sample ID: MW-1D

TOTAL Metals

Lot-Sample #...: C8L100288-003 Matrix.....: WG
Date Sampled...: 12/09/08 Date Received..: 12/10/08

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8346399						
Silver	0.55 B J	5.0	ug/L	SW846 6010B	12/11-12/27/08	K4FM91AK
		Dilution Factor: 1		Analysis Time..: 12:18	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 0.54	
Aluminum	7170	200	ug/L	SW846 6010B	12/11-12/27/08	K4FM91AL
		Dilution Factor: 1		Analysis Time..: 12:18	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 16.2	
Arsenic	3.7 B J	10.0	ug/L	SW846 6010B	12/11-12/27/08	K4FM91AM
		Dilution Factor: 1		Analysis Time..: 12:18	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 2.0	
Barium	508	200	ug/L	SW846 6010B	12/11-12/27/08	K4FM91AN
		Dilution Factor: 1		Analysis Time..: 12:18	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 0.26	
Beryllium	ND	4.0	ug/L	SW846 6010B	12/11-12/27/08	K4FM91AP
		Dilution Factor: 1		Analysis Time..: 12:18	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 0.18	
Calcium	181000 J	5000	ug/L	SW846 6010B	12/11-12/27/08	K4FM91AQ
		Dilution Factor: 1		Analysis Time..: 12:18	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 17.7	
Cadmium	1.4 B J	5.0	ug/L	SW846 6010B	12/11-12/27/08	K4FM91AR
		Dilution Factor: 1		Analysis Time..: 12:18	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 0.21	
Cobalt	~~6.0 B~~ 50.0 U	50.0	ug/L	SW846 6010B	12/11-12/27/08	K4FM91AT
		Dilution Factor: 1		Analysis Time..: 12:18	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 0.45	
Chromium	10.4	5.0	ug/L	SW846 6010B	12/11-12/27/08	K4FM91AU
		Dilution Factor: 1		Analysis Time..: 12:18	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 1.1	

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AECOM, Inc

Client Sample ID: MW-1D

TOTAL Metals

Lot-Sample #...: C8L100288-003 Matrix.....: WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Copper	12.3 B J	25.0	ug/L	SW846 6010B	12/11-12/27/08	K4FM91AV
		Dilution Factor: 1		Analysis Time..: 12:18	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 4.6	
Iron	82000	100	ug/L	SW846 6010B	12/11-12/27/08	K4FM91AW
		Dilution Factor: 1		Analysis Time..: 12:18	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 8.4	
Potassium	12800	5000	ug/L	SW846 6010B	12/11-12/27/08	K4FM91AX
		Dilution Factor: 1		Analysis Time..: 12:18	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 750	
Magnesium	27200	5000	ug/L	SW846 6010B	12/11-12/27/08	K4FM91A0
		Dilution Factor: 1		Analysis Time..: 12:18	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 21.8	
Manganese	2040	15.0	ug/L	SW846 6010B	12/11-12/27/08	K4FM91A1
		Dilution Factor: 1		Analysis Time..: 12:18	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 0.57	
Sodium	243000	5000	ug/L	SW846 6010B	12/11-12/27/08	K4FM91A2
		Dilution Factor: 1		Analysis Time..: 12:18	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 145	
Nickel	~~14.9 B~~ ND (40.0)	40.0	ug/L	SW846 6010B	12/11-12/27/08	K4FM91A3
		Dilution Factor: 1		Analysis Time..: 12:18	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 0.78	
Lead	8.4	3.0	ug/L	SW846 6010B	12/11-12/27/08	K4FM91A4
		Dilution Factor: 1		Analysis Time..: 12:18	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 1.7	
Selenium	ND	5.0	ug/L	SW846 6010B	12/11-12/27/08	K4FM91A5
		Dilution Factor: 1		Analysis Time..: 12:18	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 2.9	
Thallium	ND	10.0	ug/L	SW846 6010B	12/11-12/27/08	K4FM91AA
		Dilution Factor: 1		Analysis Time..: 12:18	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 2.8	

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AECOM, Inc

Client Sample ID: MW-1D

TOTAL Metals

Lot-Sample #...: C8L100288-003 Matrix.....: WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	ND	10.0	ug/L	SW846 6010B	12/11-12/27/08	K4FM91AC
		Dilution Factor: 1		Analysis Time..: 12:18	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 1.8	
Vanadium	**14.0 B J**	**50.0**	**ug/L**	**SW846 6010B**	**12/11-12/27/08**	**K4FM91AD**
		Dilution Factor: 1		Analysis Time..: 12:18	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 2.4	
Zinc	**44.4 J**	**20.0**	**ug/L**	**SW846 6010B**	**12/11-12/27/08**	**K4FM91AE**
		Dilution Factor: 1		Analysis Time..: 12:18	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 3.1	
Prep Batch #...: 8357029						
Mercury	**0.026 B J**	**0.20**	**ug/L**	**SW846 7470A**	**12/22/08**	**K4FM91AF**
		Dilution Factor: 1		Analysis Time..: 09:09	Analyst ID.....: 031043	
		Instrument ID..: HGHYDRA		MS Run #.....: 8357022	MDL.....: 0.016	

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.

AECOM, Inc

Client Sample ID: MW-10

TOTAL Metals

Lot-Sample #...: C8L100288-004 Matrix.....: WG
Date Sampled...: 12/09/08 Date Received..: 12/10/08

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8346399						
Silver	ND	5.0	ug/L	SW846 6010B	12/11-12/27/08	K4FNA1AK
		Dilution Factor: 1		Analysis Time..: 12:29	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 0.54	
Aluminum	ND	200	ug/L	SW846 6010B	12/11-12/27/08	K4FNA1AL
		Dilution Factor: 1		Analysis Time..: 12:29	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 16.2	
Arsenic	ND	10.0	ug/L	SW846 6010B	12/11-12/27/08	K4FNA1AM
		Dilution Factor: 1		Analysis Time..: 12:29	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 2.0	
Barium	~~45.5 B~~ 200 U	**200**	**ug/L**	**SW846 6010B**	**12/11-12/27/08**	**K4FNA1AN**
		Dilution Factor: 1		Analysis Time..: 12:29	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 0.26	
Beryllium	ND	4.0	ug/L	SW846 6010B	12/11-12/27/08	K4FNA1AP
		Dilution Factor: 1		Analysis Time..: 12:29	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 0.18	
Calcium	**185000 J**	**5000**	**ug/L**	**SW846 6010B**	**12/11-12/27/08**	**K4FNA1AQ**
		Dilution Factor: 1		Analysis Time..: 12:29	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 17.7	
Cadmium	ND	5.0	ug/L	SW846 6010B	12/11-12/27/08	K4FNA1AR
		Dilution Factor: 1		Analysis Time..: 12:29	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 0.21	
Cobalt	ND	50.0	ug/L	SW846 6010B	12/11-12/27/08	K4FNA1AT
		Dilution Factor: 1		Analysis Time..: 12:29	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 0.45	
Chromium	**1.5 B J**	**5.0**	**ug/L**	**SW846 6010B**	**12/11-12/27/08**	**K4FNA1AU**
		Dilution Factor: 1		Analysis Time..: 12:29	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 1.1	

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AECOM, Inc

Client Sample ID: MW-10

TOTAL Metals

Lot-Sample #...: C8L100288-004 Matrix.....: WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Copper	ND	25.0	ug/L	SW846 6010B	12/11-12/27/08	K4FNA1AV
		Dilution Factor: 1		Analysis Time..: 12:29	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 4.6	
Iron	ND	100	ug/L	SW846 6010B	12/11-12/27/08	K4FNA1AW
		Dilution Factor: 1		Analysis Time..: 12:29	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 8.4	
Potassium	**6550**	**5000**	**ug/L**	**SW846 6010B**	**12/11-12/27/08**	**K4FNA1AX**
		Dilution Factor: 1		Analysis Time..: 12:29	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 750	
Magnesium	**20400**	**5000**	**ug/L**	**SW846 6010B**	**12/11-12/27/08**	**K4FNA1A0**
		Dilution Factor: 1		Analysis Time..: 12:29	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 21.8	
Manganese	ND	15.0	ug/L	SW846 6010B	12/11-12/27/08	K4FNA1A1
		Dilution Factor: 1		Analysis Time..: 12:29	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 0.57	
Sodium	**132000**	**5000**	**ug/L**	**SW846 6010B**	**12/11-12/27/08**	**K4FNA1A2**
		Dilution Factor: 1		Analysis Time..: 12:29	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 145	
Nickel	~~1.5 B~~ 40.0 U	**40.0**	**ug/L**	**SW846 6010B**	**12/11-12/27/08**	**K4FNA1A3**
		Dilution Factor: 1		Analysis Time..: 12:29	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 0.78	
Lead	ND	3.0	ug/L	SW846 6010B	12/11-12/27/08	K4FNA1A4
		Dilution Factor: 1		Analysis Time..: 12:29	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 1.7	
Selenium	**8.4**	**5.0**	**ug/L**	**SW846 6010B**	**12/11-12/27/08**	**K4FNA1A5**
		Dilution Factor: 1		Analysis Time..: 12:29	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 2.9	
Thallium	ND	10.0	ug/L	SW846 6010B	12/11-12/27/08	K4FNA1AA
		Dilution Factor: 1		Analysis Time..: 12:29	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 2.8	

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AECOM, Inc

Client Sample ID: MW-10

TOTAL Metals

Lot-Sample #...: C8L100288-004 Matrix.....: WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	ND	10.0	ug/L	SW846 6010B	12/11-12/27/08	K4FNA1AC
		Dilution Factor: 1		Analysis Time..: 12:29	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 1.8	
Vanadium	ND	50.0	ug/L	SW846 6010B	12/11-12/27/08	K4FNA1AD
		Dilution Factor: 1		Analysis Time..: 12:29	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 2.4	
Zinc	~~5.4 B,J~~ 20.0 U	20.0	ug/L	SW846 6010B	12/11-12/27/08	K4FNA1AE
		Dilution Factor: 1		Analysis Time..: 12:29	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 3.1	
Prep Batch #...: 8357029						
Mercury	ND	0.20	ug/L	SW846 7470A	12/22/08	K4FNA1AF
		Dilution Factor: 1		Analysis Time..: 09:11	Analyst ID.....: 031043	
		Instrument ID..: HGHYDRA		MS Run #.....: 8357022	MDL.....: 0.016	

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.

AECOM, Inc

Client Sample ID: MW-2

TOTAL Metals

Lot-Sample #...: C8L100288-005 Matrix.....: WG
Date Sampled...: 12/09/08 Date Received..: 12/10/08

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8346399						
Silver	ND	5.0	ug/L	SW846 6010B	12/11-12/27/08	K4FNG1AK
		Dilution Factor: 1		Analysis Time..: 13:02	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 0.54	
Aluminum	**39.1 B J**	**200**	**ug/L**	**SW846 6010B**	**12/11-12/27/08**	**K4FNG1AL**
		Dilution Factor: 1		Analysis Time..: 13:02	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 16.2	
Arsenic	ND	10.0	ug/L	SW846 6010B	12/11-12/27/08	K4FNG1AM
		Dilution Factor: 1		Analysis Time..: 13:02	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 2.0	
Barium	~~65.8 B~~ 200U	**200**	**ug/L**	**SW846 6010B**	**12/11-12/27/08**	**K4FNG1AN**
		Dilution Factor: 1		Analysis Time..: 13:02	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 0.26	
Beryllium	ND	4.0	ug/L	SW846 6010B	12/11-12/27/08	K4FNG1AP
		Dilution Factor: 1		Analysis Time..: 13:02	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 0.18	
Calcium	**177000 J**	**5000**	**ug/L**	**SW846 6010B**	**12/11-12/27/08**	**K4FNG1AQ**
		Dilution Factor: 1		Analysis Time..: 13:02	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 17.7	
Cadmium	ND	5.0	ug/L	SW846 6010B	12/11-12/27/08	K4FNG1AR
		Dilution Factor: 1		Analysis Time..: 13:02	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 0.21	
Cobalt	ND	50.0	ug/L	SW846 6010B	12/11-12/27/08	K4FNG1AT
		Dilution Factor: 1		Analysis Time..: 13:02	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 0.45	
Chromium	ND	5.0	ug/L	SW846 6010B	12/11-12/27/08	K4FNG1AU
		Dilution Factor: 1		Analysis Time..: 13:02	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 1.1	

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AECOM, Inc

Client Sample ID: MW-2

TOTAL Metals

Lot-Sample #...: C8L100288-005 Matrix.....: WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Copper	ND	25.0	ug/L	SW846 6010B	12/11-12/27/08	K4FNG1AV
		Dilution Factor: 1		Analysis Time..: 13:02	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 4.6	
Iron	~~32.7 B~~ 100 U	100	ug/L	SW846 6010B	12/11-12/27/08	K4FNG1AW
		Dilution Factor: 1		Analysis Time..: 13:02	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 8.4	
Potassium	12700	5000	ug/L	SW846 6010B	12/11-12/27/08	K4FNG1AX
		Dilution Factor: 1		Analysis Time..: 13:02	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 750	
Magnesium	19900	5000	ug/L	SW846 6010B	12/11-12/27/08	K4FNG1A0
		Dilution Factor: 1		Analysis Time..: 13:02	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 21.8	
Manganese	~~1.7 B~~ 15.0 U	15.0	ug/L	SW846 6010B	12/11-12/27/08	K4FNG1A1
		Dilution Factor: 1		Analysis Time..: 13:02	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 0.57	
Sodium	79100	5000	ug/L	SW846 6010B	12/11-12/27/08	K4FNG1A2
		Dilution Factor: 1		Analysis Time..: 13:02	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 145	
Nickel	~~2.2 B~~ 40.0 U	40.0	ug/L	SW846 6010B	12/11-12/27/08	K4FNG1A3
		Dilution Factor: 1		Analysis Time..: 13:02	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 0.78	
Lead	ND	3.0	ug/L	SW846 6010B	12/11-12/27/08	K4FNG1A4
		Dilution Factor: 1		Analysis Time..: 13:02	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 1.7	
Selenium	7.1	5.0	ug/L	SW846 6010B	12/11-12/27/08	K4FNG1A5
		Dilution Factor: 1		Analysis Time..: 13:02	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 2.9	
Thallium	ND	10.0	ug/L	SW846 6010B	12/11-12/27/08	K4FNG1AA
		Dilution Factor: 1		Analysis Time..: 13:02	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 2.8	

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AECOM, Inc

Client Sample ID: MW-2

TOTAL Metals

Lot-Sample #...: C8L100288-005 Matrix.....: WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	ND	10.0	ug/L	SW846 6010B	12/11-12/27/08	K4FNG1AC
		Dilution Factor: 1		Analysis Time..: 13:02	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 1.8	
Vanadium	ND	50.0	ug/L	SW846 6010B	12/11-12/27/08	K4FNG1AD
		Dilution Factor: 1		Analysis Time..: 13:02	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 2.4	
Zinc	~~4.0 B,J~~ 20.0U	**20.0**	**ug/L**	**SW846 6010B**	**12/11-12/27/08**	**K4FNG1AE**
		Dilution Factor: 1		Analysis Time..: 13:02	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 3.1	
Prep Batch #...: 8357029						
Mercury	ND	0.20	ug/L	SW846 7470A	12/22/08	K4FNG1AF
		Dilution Factor: 1		Analysis Time..: 09:16	Analyst ID.....: 031043	
		Instrument ID..: HGHYDRA		MS Run #.....: 8357022	MDL.....: 0.016	

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.

AECOM, Inc

Client Sample ID: MW-3

TOTAL Metals

Lot-Sample #...: C8L100288-006 Matrix.....: WG
Date Sampled...: 12/09/08 Date Received..: 12/10/08

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8346399						
Silver	ND	5.0	ug/L	SW846 6010B	12/11-12/27/08	K4FPE1AK
		Dilution Factor: 1		Analysis Time..: 13:24	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 0.54	
Aluminum	ND	200	ug/L	SW846 6010B	12/11-12/27/08	K4FPE1AL
		Dilution Factor: 1		Analysis Time..: 13:24	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 16.2	
Arsenic	ND	10.0	ug/L	SW846 6010B	12/11-12/27/08	K4FPE1AM
		Dilution Factor: 1		Analysis Time..: 13:24	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 2.0	
Barium	~~120 B~~ 200 U	**200**	**ug/L**	**SW846 6010B**	**12/11-12/27/08**	**K4FPE1AN**
		Dilution Factor: 1		Analysis Time..: 13:24	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 0.26	
Beryllium	ND	4.0	ug/L	SW846 6010B	12/11-12/27/08	K4FPE1AP
		Dilution Factor: 1		Analysis Time..: 13:24	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 0.18	
Calcium	**193000 J**	**5000**	**ug/L**	**SW846 6010B**	**12/11-12/27/08**	**K4FPE1AQ**
		Dilution Factor: 1		Analysis Time..: 13:24	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 17.7	
Cadmium	ND	5.0	ug/L	SW846 6010B	12/11-12/27/08	K4FPE1AR
		Dilution Factor: 1		Analysis Time..: 13:24	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 0.21	
Cobalt	ND	50.0	ug/L	SW846 6010B	12/11-12/27/08	K4FPE1AT
		Dilution Factor: 1		Analysis Time..: 13:24	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 0.45	
Chromium	ND	5.0	ug/L	SW846 6010B	12/11-12/27/08	K4FPE1AU
		Dilution Factor: 1		Analysis Time..: 13:24	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 1.1	

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AECOM, Inc

Client Sample ID: MW-3

TOTAL Metals

Lot-Sample #...: C8L100288-006 Matrix.....: WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Copper	ND	25.0	ug/L	SW846 6010B	12/11-12/27/08	K4FPE1AV
		Dilution Factor: 1		Analysis Time..: 13:24	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 4.6	
Iron	ND	100	ug/L	SW846 6010B	12/11-12/27/08	K4FPE1AW
		Dilution Factor: 1		Analysis Time..: 13:24	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 8.4	
Potassium	**12900**	**5000**	**ug/L**	**SW846 6010B**	**12/11-12/27/08**	**K4FPE1AX**
		Dilution Factor: 1		Analysis Time..: 13:24	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 750	
Magnesium	**24000**	**5000**	**ug/L**	**SW846 6010B**	**12/11-12/27/08**	**K4FPE1A0**
		Dilution Factor: 1		Analysis Time..: 13:24	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 21.8	
Manganese	**60.6**	**15.0**	**ug/L**	**SW846 6010B**	**12/11-12/27/08**	**K4FPE1A1**
		Dilution Factor: 1		Analysis Time..: 13:24	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 0.57	
Sodium	**32500**	**5000**	**ug/L**	**SW846 6010B**	**12/11-12/27/08**	**K4FPE1A2**
		Dilution Factor: 1		Analysis Time..: 13:24	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 145	
Nickel	~~2.2 B~~ 40.0 U	**40.0**	**ug/L**	**SW846 6010B**	**12/11-12/27/08**	**K4FPE1A3**
		Dilution Factor: 1		Analysis Time..: 13:24	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 0.78	
Lead	ND	3.0	ug/L	SW846 6010B	12/11-12/27/08	K4FPE1A4
		Dilution Factor: 1		Analysis Time..: 13:24	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 1.7	
Selenium	**13.9**	**5.0**	**ug/L**	**SW846 6010B**	**12/11-12/27/08**	**K4FPE1A5**
		Dilution Factor: 1		Analysis Time..: 13:24	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 2.9	
Thallium	ND	10.0	ug/L	SW846 6010B	12/11-12/27/08	K4FPE1AA
		Dilution Factor: 1		Analysis Time..: 13:24	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 2.8	

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AECOM, Inc

Client Sample ID: MW-3

TOTAL Metals

Lot-Sample #...: C8L100288-006 Matrix.....: WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	ND	10.0	ug/L	SW846 6010B	12/11-12/27/08	K4FPE1AC
		Dilution Factor: 1		Analysis Time..: 13:24	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 1.8	
Vanadium	ND	50.0	ug/L	SW846 6010B	12/11-12/27/08	K4FPE1AD
		Dilution Factor: 1		Analysis Time..: 13:24	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 2.4	
Zinc	~~3.5 B,J~~ 20.0 U	20.0	ug/L	SW846 6010B	12/11-12/27/08	K4FPE1AE
		Dilution Factor: 1		Analysis Time..: 13:24	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 3.1	
Prep Batch #...: 8357029						
Mercury	ND	0.20	ug/L	SW846 7470A	12/22/08	K4FPE1AF
		Dilution Factor: 1		Analysis Time..: 09:21	Analyst ID.....: 031043	
		Instrument ID..: HGHYDRA		MS Run #.....: 8357022	MDL.....: 0.016	

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.

AECOM, Inc

Client Sample ID: MW-5

TOTAL Metals

Lot-Sample #...: C8L100288-007 Matrix.....: WG
Date Sampled...: 12/09/08 Date Received..: 12/10/08

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8346399						
Silver	0.57 B J	5.0	ug/L	SW846 6010B	12/11-12/27/08	K4FPF1AK
		Dilution Factor: 1		Analysis Time..: 13:30	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 0.54	
Aluminum	22.6 B J	200	ug/L	SW846 6010B	12/11-12/27/08	K4FPF1AL
		Dilution Factor: 1		Analysis Time..: 13:30	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 16.2	
Arsenic	34.3	10.0	ug/L	SW846 6010B	12/11-12/27/08	K4FPF1AM
		Dilution Factor: 1		Analysis Time..: 13:30	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 2.0	
Barium	~~114 B~~ 200 U	200	ug/L	SW846 6010B	12/11-12/27/08	K4FPF1AN
		Dilution Factor: 1		Analysis Time..: 13:30	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 0.26	
Beryllium	ND	4.0	ug/L	SW846 6010B	12/11-12/27/08	K4FPF1AP
		Dilution Factor: 1		Analysis Time..: 13:30	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 0.18	
Calcium	170000 J	5000	ug/L	SW846 6010B	12/11-12/27/08	K4FPF1AQ
		Dilution Factor: 1		Analysis Time..: 13:30	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 17.7	
Cadmium	0.23 B J	5.0	ug/L	SW846 6010B	12/11-12/27/08	K4FPF1AR
		Dilution Factor: 1		Analysis Time..: 13:30	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 0.21	
Cobalt	~~1.4 B~~ 50.0 U	50.0	ug/L	SW846 6010B	12/11-12/27/08	K4FPF1AT
		Dilution Factor: 1		Analysis Time..: 13:30	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 0.45	
Chromium	ND	5.0	ug/L	SW846 6010B	12/11-12/27/08	K4FPF1AU
		Dilution Factor: 1		Analysis Time..: 13:30	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 1.1	

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AECOM, Inc

Client Sample ID: MW-5

TOTAL Metals

Lot-Sample #...: C8L100288-007 Matrix.....: WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Copper	ND	25.0	ug/L	SW846 6010B	12/11-12/27/08	K4FPF1AV
		Dilution Factor: 1		Analysis Time..: 13:30	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 4.6	
Iron	7000	100	ug/L	SW846 6010B	12/11-12/27/08	K4FPF1AW
		Dilution Factor: 1		Analysis Time..: 13:30	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 8.4	
Potassium	11600	5000	ug/L	SW846 6010B	12/11-12/27/08	K4FPF1AX
		Dilution Factor: 1		Analysis Time..: 13:30	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 750	
Magnesium	28600	5000	ug/L	SW846 6010B	12/11-12/27/08	K4FPF1A0
		Dilution Factor: 1		Analysis Time..: 13:30	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 21.8	
Manganese	1050	15.0	ug/L	SW846 6010B	12/11-12/27/08	K4FPF1A1
		Dilution Factor: 1		Analysis Time..: 13:30	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 0.57	
Sodium	107000	5000	ug/L	SW846 6010B	12/11-12/27/08	K4FPF1A2
		Dilution Factor: 1		Analysis Time..: 13:30	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 145	
Nickel	~~2.3 B~~ 40.0 U	40.0	ug/L	SW846 6010B	12/11-12/27/08	K4FPF1A3
		Dilution Factor: 1		Analysis Time..: 13:30	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 0.78	
Lead	ND	3.0	ug/L	SW846 6010B	12/11-12/27/08	K4FPF1A4
		Dilution Factor: 1		Analysis Time..: 13:30	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 1.7	
Selenium	ND	5.0	ug/L	SW846 6010B	12/11-12/27/08	K4FPF1A5
		Dilution Factor: 1		Analysis Time..: 13:30	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 2.9	
Thallium	ND	10.0	ug/L	SW846 6010B	12/11-12/27/08	K4FPF1AA
		Dilution Factor: 1		Analysis Time..: 13:30	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 2.8	

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AECOM, Inc

Client Sample ID: MW-5

TOTAL Metals

Lot-Sample #...: C8L100288-007 Matrix.....: WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	ND	10.0	ug/L	SW846 6010B	12/11-12/27/08	K4FPF1AC
		Dilution Factor: 1		Analysis Time..: 13:30	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 1.8	
Vanadium	ND	50.0	ug/L	SW846 6010B	12/11-12/27/08	K4FPF1AD
		Dilution Factor: 1		Analysis Time..: 13:30	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 2.4	
Zinc	~~6.7 B,J~~ 20.0	**20.0**	**ug/L**	**SW846 6010B**	**12/11-12/27/08**	**K4FPF1AE**
		Dilution Factor: 1		Analysis Time..: 13:30	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 3.1	
Prep Batch #...: B357029						
Mercury	ND	0.20	ug/L	SW846 7470A	12/22/08	K4FPF1AF
		Dilution Factor: 1		Analysis Time..: 00:00	Analyst ID.....: 031043	
		Instrument ID..: HGHYDRA		MS Run #.....: 8357022	MDL.....: 0.016	

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.

AECOM, Inc

Client Sample ID: MW-11D

TOTAL Metals

Lot-Sample #...: C8L100288-008 Matrix.....: WG
Date Sampled...: 12/09/08 Date Received..: 12/10/08

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8346399						
Silver	4.1 B J	5.0	ug/L	SW846 6010B	12/11-12/27/08	K4FPG1AK
		Dilution Factor: 1		Analysis Time..: 13:35	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 0.54	
Aluminum	40.2 B J	200	ug/L	SW846 6010B	12/11-12/27/08	K4FPG1AL
		Dilution Factor: 1		Analysis Time..: 13:35	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 16.2	
Arsenic	ND	10.0	ug/L	SW846 6010B	12/11-12/27/08	K4FPG1AM
		Dilution Factor: 1		Analysis Time..: 13:35	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 2.0	
Barium	~~139 B~~ 200U	200	ug/L	SW846 6010B	12/11-12/27/08	K4FPG1AN
		Dilution Factor: 1		Analysis Time..: 13:35	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 0.26	
Beryllium	ND	4.0	ug/L	SW846 6010B	12/11-12/27/08	K4FPG1AP
		Dilution Factor: 1		Analysis Time..: 13:35	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 0.18	
Calcium	165000 J	5000	ug/L	SW846 6010B	12/11-12/27/08	K4FPG1AQ
		Dilution Factor: 1		Analysis Time..: 13:35	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 17.7	
Cadmium	ND	5.0	ug/L	SW846 6010B	12/11-12/27/08	K4FPG1AR
		Dilution Factor: 1		Analysis Time..: 13:35	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 0.21	
Cobalt	~~6.0 B~~ 50.0U	50.0	ug/L	SW846 6010B	12/11-12/27/08	K4FPG1AT
		Dilution Factor: 1		Analysis Time..: 13:35	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 0.45	
Chromium	3.3 B J	5.0	ug/L	SW846 6010B	12/11-12/27/08	K4FPG1AU
		Dilution Factor: 1		Analysis Time..: 13:35	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 1.1	

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AECOM, Inc

Client Sample ID: MW-11D

TOTAL Metals

Lot-Sample #...: C8L100288-008 Matrix.....: WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Copper	ND	25.0	ug/L	SW846 6010B	12/11-12/27/08	K4FPG1AV
		Dilution Factor: 1		Analysis Time..: 13:35	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 4.6	
Iron	458	100	ug/L	SW846 6010B	12/11-12/27/08	K4FPG1AW
		Dilution Factor: 1		Analysis Time..: 13:35	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 8.4	
Potassium	12600	5000	ug/L	SW846 6010B	12/11-12/27/08	K4FPG1AX
		Dilution Factor: 1		Analysis Time..: 13:35	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 750	
Magnesium	38600	5000	ug/L	SW846 6010B	12/11-12/27/08	K4FPG1A0
		Dilution Factor: 1		Analysis Time..: 13:35	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 21.8	
Manganese	12800	15.0	ug/L	SW846 6010B	12/11-12/27/08	K4FPG1A1
		Dilution Factor: 1		Analysis Time..: 13:35	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 0.57	
Sodium	132000	5000	ug/L	SW846 6010B	12/11-12/27/08	K4FPG1A2
		Dilution Factor: 1		Analysis Time..: 13:35	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 145	
Nickel	~~6.5 B~~ 40.0 U	40.0	ug/L	SW846 6010B	12/11-12/27/08	K4FPG1A3
		Dilution Factor: 1		Analysis Time..: 13:35	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 0.78	
Lead	ND	3.0	ug/L	SW846 6010B	12/11-12/27/08	K4FPG1A4
		Dilution Factor: 1		Analysis Time..: 13:35	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 1.7	
Selenium	ND	5.0	ug/L	SW846 6010B	12/11-12/27/08	K4FPG1A5
		Dilution Factor: 1		Analysis Time..: 13:35	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 2.9	
Thallium	ND	10.0	ug/L	SW846 6010B	12/11-12/27/08	K4FPG1AA
		Dilution Factor: 1		Analysis Time..: 13:35	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 2.8	

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AECOM, Inc

Client Sample ID: MW-11D

TOTAL Metals

Lot-Sample #...: C8L100288-008 Matrix.....: WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	ND	10.0	ug/L	SW846 6010B	12/11-12/27/08	K4FPG1AC
		Dilution Factor: 1		Analysis Time..: 13:35	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 1.8	
Vanadium	**2.7 ~~B~~ J**	**50.0**	**ug/L**	**SW846 6010B**	**12/11-12/27/08**	**K4FPG1AD**
		Dilution Factor: 1		Analysis Time..: 13:35	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 2.4	
Zinc	**~~8.6 B,J~~** 20.0 U	**20.0**	**ug/L**	**SW846 6010B**	**12/11-12/27/08**	**K4FPG1AE**
		Dilution Factor: 1		Analysis Time..: 13:35	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 3.1	
Prep Batch #...: 8357029						
Mercury	ND	0.20	ug/L	SW846 7470A	12/22/08	K4FPG1AF
		Dilution Factor: 1		Analysis Time..: 09:28	Analyst ID.....: 031043	
		Instrument ID..: HGHYDRA		MS Run #.....: 8357022	MDL.....: 0.016	

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.

AECOM, Inc

Client Sample ID: MW-6

TOTAL Metals

Lot-Sample #...: C8L100288-009 Matrix.....: WG
Date Sampled...: 12/09/08 Date Received..: 12/10/08

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8346399						
Silver	ND	5.0	ug/L	SW846 6010B	12/11-12/27/08	K4FPJ1AC
		Dilution Factor: 1		Analysis Time..: 13:41	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 0.54	
Aluminum	6630	200	ug/L	SW846 6010B	12/11-12/27/08	K4FPJ1AD
		Dilution Factor: 1		Analysis Time..: 13:41	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 16.2	
Arsenic	4.2 B J	10.0	ug/L	SW846 6010B	12/11-12/27/08	K4FPJ1AE
		Dilution Factor: 1		Analysis Time..: 13:41	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 2.0	
Barium	~~108 B~~ 200 U	200	ug/L	SW846 6010B	12/11-12/27/08	K4FPJ1AF
		Dilution Factor: 1		Analysis Time..: 13:41	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 0.26	
Beryllium	ND	4.0	ug/L	SW846 6010B	12/11-12/27/08	K4FPJ1AG
		Dilution Factor: 1		Analysis Time..: 13:41	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 0.18	
Calcium	45900 J	5000	ug/L	SW846 6010B	12/11-12/27/08	K4FPJ1AH
		Dilution Factor: 1		Analysis Time..: 13:41	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 17.7	
Cadmium	0.43 B J	5.0	ug/L	SW846 6010B	12/11-12/27/08	K4FPJ1AJ
		Dilution Factor: 1		Analysis Time..: 13:41	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 0.21	
Cobalt	~~2.1 B~~ 50.0 U	50.0	ug/L	SW846 6010B	12/11-12/27/08	K4FPJ1AK
		Dilution Factor: 1		Analysis Time..: 13:41	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 0.45	
Chromium	10.2	5.0	ug/L	SW846 6010B	12/11-12/27/08	K4FPJ1AL
		Dilution Factor: 1		Analysis Time..: 13:41	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 1.1	

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AECOM, Inc

Client Sample ID: MW-6

TOTAL Metals

Lot-Sample #...: C8L100288-009 Matrix.....: WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Copper	116	25.0	ug/L	SW846 6010B	12/11-12/27/08	K4FPJ1AM
		Dilution Factor: 1		Analysis Time..: 13:41	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 4.6	
Iron	5790	100	ug/L	SW846 6010B	12/11-12/27/08	K4FPJ1AN
		Dilution Factor: 1		Analysis Time..: 13:41	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 8.4	
Potassium	2060 ~~B~~ J	5000	ug/L	SW846 6010B	12/11-12/27/08	K4FPJ1AP
		Dilution Factor: 1		Analysis Time..: 13:41	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 750	
Magnesium	17300	5000	ug/L	SW846 6010B	12/11-12/27/08	K4FPJ1AQ
		Dilution Factor: 1		Analysis Time..: 13:41	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 21.8	
Manganese	1700	15.0	ug/L	SW846 6010B	12/11-12/27/08	K4FPJ1AR
		Dilution Factor: 1		Analysis Time..: 13:41	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 0.57	
Sodium	26000	5000	ug/L	SW846 6010B	12/11-12/27/08	K4FPJ1AT
		Dilution Factor: 1		Analysis Time..: 13:41	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 145	
Nickel	~~12.8 B~~ 40.0 U	40.0	ug/L	SW846 6010B	12/11-12/27/08	K4FPJ1AU
		Dilution Factor: 1		Analysis Time..: 13:41	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 0.78	
Lead	31.7	3.0	ug/L	SW846 6010B	12/11-12/27/08	K4FPJ1AV
		Dilution Factor: 1		Analysis Time..: 13:41	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 1.7	
Selenium	ND	5.0	ug/L	SW846 6010B	12/11-12/27/08	K4FPJ1AW
		Dilution Factor: 1		Analysis Time..: 13:41	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 2.9	
Thallium	ND	10.0	ug/L	SW846 6010B	12/11-12/27/08	K4FPJ1AX
		Dilution Factor: 1		Analysis Time..: 13:41	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 2.8	

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AECOM, Inc

Client Sample ID: MW-6

TOTAL Metals

Lot-Sample #...: C8L100288-009 Matrix.....: WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	2.5 B J	10.0	ug/L	SW846 6010B	12/11-12/27/08	K4FPJ1A0
		Dilution Factor: 1		Analysis Time..: 13:41	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 1.8	
Vanadium	8.4 B J	50.0	ug/L	SW846 6010B	12/11-12/27/08	K4FPJ1A1
		Dilution Factor: 1		Analysis Time..: 13:41	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 2.4	
Zinc	258 J	20.0	ug/L	SW846 6010B	12/11-12/27/08	K4FPJ1A2
		Dilution Factor: 1		Analysis Time..: 13:41	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8346246	MDL.....: 3.1	
Prep Batch #...: 8357029						
Mercury	0.021 B J	0.20	ug/L	SW846 7470A	12/22/08	K4FPJ1A3
		Dilution Factor: 1		Analysis Time..: 09:29	Analyst ID.....: 031043	
		Instrument ID..: HGHYDRA		MS Run #.....: 8357022	MDL.....: 0.016	

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.

AECOM, Inc

Client Sample ID: MW-12

TOTAL Metals

Lot-Sample #...: C8L110371-002
Date Sampled...: 12/10/08 Date Received..: 12/11/08 Matrix.....: WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8351421						
Silver	ND	5.0	ug/L	SW846 6010B	12/16-12/28/08	K4J251AD
		Dilution Factor: 1		Analysis Time..: 18:50	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 0.54	
Aluminum	914 J,E	200	ug/L	SW846 6010B	12/16-12/28/08	K4J251AE
		Dilution Factor: 1		Analysis Time..: 18:50	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 16.2	
Arsenic	10.0	10.0	ug/L	SW846 6010B	12/16-12/28/08	K4J251AF
		Dilution Factor: 1		Analysis Time..: 18:50	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 2.0	
Barium	~~195 B,J~~ 200 U	200	ug/L	SW846 6010B	12/16-12/28/08	K4J251AG
		Dilution Factor: 1		Analysis Time..: 18:50	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 0.26	
Beryllium	~~0.38 B,J~~ 4.0 U	4.0	ug/L	SW846 6010B	12/16-12/28/08	K4J251AH
		Dilution Factor: 1		Analysis Time..: 18:50	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 0.18	
Calcium	150000 J	5000	ug/L	SW846 6010B	12/16-12/28/08	K4J251AJ
		Dilution Factor: 1		Analysis Time..: 18:50	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 17.7	
Cadmium	ND	5.0	ug/L	SW846 6010B	12/16-12/28/08	K4J251AK
		Dilution Factor: 1		Analysis Time..: 18:50	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 0.21	
Cobalt	ND	50.0	ug/L	SW846 6010B	12/16-12/28/08	K4J251AL
		Dilution Factor: 1		Analysis Time..: 18:50	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 0.45	
Chromium	1.3 B J	5.0	ug/L	SW846 6010B	12/16-12/28/08	K4J251AM
		Dilution Factor: 1		Analysis Time..: 18:50	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 1.1	

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AECOM, Inc

Client Sample ID: MW-12

TOTAL Metals

Lot-Sample #...: C8L110371-002 Matrix.....: WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Copper	ND	25.0	ug/L	SW846 6010B	12/16-12/28/08	K4J251AN
		Dilution Factor: 1		Analysis Time..: 18:50	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 4.6	
Iron	17100	100	ug/L	SW846 6010B	12/16-12/28/08	K4J251AP
		Dilution Factor: 1		Analysis Time..: 18:50	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 8.4	
Potassium	12900	5000	ug/L	SW846 6010B	12/16-12/28/08	K4J251AQ
		Dilution Factor: 1		Analysis Time..: 18:50	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 750	
Magnesium	23500	5000	ug/L	SW846 6010B	12/16-12/28/08	K4J251AR
		Dilution Factor: 1		Analysis Time..: 18:50	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 21.8	
Manganese	2070	15.0	ug/L	SW846 6010B	12/16-12/28/08	K4J251AT
		Dilution Factor: 1		Analysis Time..: 18:50	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 0.57	
Sodium	152000	5000	ug/L	SW846 6010B	12/16-12/28/08	K4J251AU
		Dilution Factor: 1		Analysis Time..: 18:50	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 145	
Nickel	1.9 B J	40.0	ug/L	SW846 6010B	12/16-12/28/08	K4J251AV
		Dilution Factor: 1		Analysis Time..: 18:50	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 0.78	
Lead	3.4	3.0	ug/L	SW846 6010B	12/16-12/28/08	K4J251AW
		Dilution Factor: 1		Analysis Time..: 18:50	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 1.7	
Selenium	ND	5.0	ug/L	SW846 6010B	12/16-12/28/08	K4J251AX
		Dilution Factor: 1		Analysis Time..: 18:50	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 2.9	
Thallium	ND	10.0	ug/L	SW846 6010B	12/16-12/28/08	K4J251A0
		Dilution Factor: 1		Analysis Time..: 18:50	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 2.8	

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AECOM, Inc

Client Sample ID: MW-12

TOTAL Metals

Lot-Sample #...: C8L110371-002 Matrix.....: WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	ND	10.0	ug/L	SW846 6010B	12/16-12/28/08	K4J251A1
		Dilution Factor: 1		Analysis Time..: 18:50	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 1.8	
Vanadium	ND	50.0	ug/L	SW846 6010B	12/16-12/28/08	K4J251A2
		Dilution Factor: 1		Analysis Time..: 18:50	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 2.4	
Zinc	~~9.8 B,J~~ 20.0 U	20.0	ug/L	SW846 6010B	12/16-12/28/08	K4J251A3
		Dilution Factor: 1		Analysis Time..: 18:50	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 3.1	
Prep Batch #...: 8357147						
Mercury	ND	0.20	ug/L	SW846 7470A	12/22/08	K4J251A4
		Dilution Factor: 1		Analysis Time..: 12:59	Analyst ID.....: 403938	
		Instrument ID..: HGHYDRA		MS Run #.....: 8357101	MDL.....: 0.016	

NOTE(S):

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

~~E Matrix interference.~~

~~B Estimated result. Result is less than RL.~~

AECOM, Inc

Client Sample ID: MW-12D

TOTAL Metals

Lot-Sample #...: C8L110371-003 Matrix.....: WG
Date Sampled...: 12/10/08 Date Received..: 12/11/08

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8351421						
Silver	0.85 B J	5.0	ug/L	SW846 6010B	12/16-12/28/08	K4J281AD
		Dilution Factor: 1		Analysis Time..: 19:23	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 0.54	
Aluminum	~~184 B,J~~ 200 U	200	ug/L	SW846 6010B	12/16-12/28/08	K4J281AE
		Dilution Factor: 1		Analysis Time..: 19:23	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 16.2	
Arsenic	5.4 B J	10.0	ug/L	SW846 6010B	12/16-12/28/08	K4J281AF
		Dilution Factor: 1		Analysis Time..: 19:23	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 2.0	
Barium	~~160 B,J~~ 200 U	200	ug/L	SW846 6010B	12/16-12/28/08	K4J281AG
		Dilution Factor: 1		Analysis Time..: 19:23	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 0.26	
Beryllium	~~0.36 B,J~~ 4.0 U	4.0	ug/L	SW846 6010B	12/16-12/28/08	K4J281AH
		Dilution Factor: 1		Analysis Time..: 19:23	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 0.18	
Calcium	175000 J	5000	ug/L	SW846 6010B	12/16-12/28/08	K4J281AJ
		Dilution Factor: 1		Analysis Time..: 19:23	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 17.7	
Cadmium	0.23 B J	5.0	ug/L	SW846 6010B	12/16-12/28/08	K4J281AK
		Dilution Factor: 1		Analysis Time..: 19:23	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 0.21	
Cobalt	0.48 B J	50.0	ug/L	SW846 6010B	12/16-12/28/08	K4J281AL
		Dilution Factor: 1		Analysis Time..: 19:23	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 0.45	
Chromium	1.1 B J	5.0	ug/L	SW846 6010B	12/16-12/28/08	K4J281AM
		Dilution Factor: 1		Analysis Time..: 19:23	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 1.1	

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AECOM, Inc

Client Sample ID: MW-12D

TOTAL Metals

Lot-Sample #...: C8L110371-003 Matrix.....: WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Copper	ND	25.0	ug/L	SW846 6010B	12/16-12/28/08	K4J281AN
		Dilution Factor: 1		Analysis Time..: 19:23	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 4.6	
Iron	14500	100	ug/L	SW846 6010B	12/16-12/28/08	K4J281AP
		Dilution Factor: 1		Analysis Time..: 19:23	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 8.4	
Potassium	14800	5000	ug/L	SW846 6010B	12/16-12/28/08	K4J281AQ
		Dilution Factor: 1		Analysis Time..: 19:23	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 750	
Magnesium	42400	5000	ug/L	SW846 6010B	12/16-12/28/08	K4J281AR
		Dilution Factor: 1		Analysis Time..: 19:23	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 21.8	
Manganese	2610	15.0	ug/L	SW846 6010B	12/16-12/28/08	K4J281AT
		Dilution Factor: 1		Analysis Time..: 19:23	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 0.57	
Sodium	154000	5000	ug/L	SW846 6010B	12/16-12/28/08	K4J281AU
		Dilution Factor: 1		Analysis Time..: 19:23	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 145	
Nickel	1.5 ~~B~~ J	40.0	ug/L	SW846 6010B	12/16-12/28/08	K4J281AV
		Dilution Factor: 1		Analysis Time..: 19:23	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 0.78	
Lead	ND	3.0	ug/L	SW846 6010B	12/16-12/28/08	K4J281AW
		Dilution Factor: 1		Analysis Time..: 19:23	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 1.7	
Selenium	ND	5.0	ug/L	SW846 6010B	12/16-12/28/08	K4J281AX
		Dilution Factor: 1		Analysis Time..: 19:23	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 2.9	
Thallium	ND	10.0	ug/L	SW846 6010B	12/16-12/28/08	K4J281A0
		Dilution Factor: 1		Analysis Time..: 19:23	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 2.8	

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AECOM, Inc

Client Sample ID: MW-12D

TOTAL Metals

Lot-Sample #...: C8L110371-003 Matrix.....: WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	ND	10.0	ug/L	SW846 6010B	12/16-12/28/08	K4J281A1
		Dilution Factor: 1		Analysis Time..: 19:23	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 1.8	
Vanadium	ND	50.0	ug/L	SW846 6010B	12/16-12/28/08	K4J281A2
		Dilution Factor: 1		Analysis Time..: 19:23	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 2.4	
Zinc	~~6.9 B,J~~ 20.0 U	**20.0**	**ug/L**	**SW846 6010B**	**12/16-12/28/08**	**K4J281A3**
		Dilution Factor: 1		Analysis Time..: 19:23	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 3.1	
Prep Batch #...: 8357147						
Mercury	ND	0.20	ug/L	SW846 7470A	12/22/08	K4J281A4
		Dilution Factor: 1		Analysis Time..: 13:01	Analyst ID.....: 403938	
		Instrument ID..: HGHYDRA		MS Run #.....: 8357101	MDL.....: 0.016	

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.

AECOM, Inc

Client Sample ID: MW-7D

TOTAL Metals

Lot-Sample #...: C8L110371-004 Matrix.....: WG
Date Sampled...: 12/10/08 Date Received..: 12/11/08

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8351421						
Silver	0.96 B	5.0	ug/L	SW846 6010B	12/16-12/28/08	K4J291AD
		Dilution Factor: 1		Analysis Time..: 19:29	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 0.54	
Aluminum	540 J+	200	ug/L	SW846 6010B	12/16-12/28/08	K4J291AE
		Dilution Factor: 1		Analysis Time..: 19:29	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 16.2	
Arsenic	3.1 B J	10.0	ug/L	SW846 6010B	12/16-12/28/08	K4J291AF
		Dilution Factor: 1		Analysis Time..: 19:29	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 2.0	
Barium	~~180 B,J~~ 200 U	200	ug/L	SW846 6010B	12/16-12/28/08	K4J291AG
		Dilution Factor: 1		Analysis Time..: 19:29	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 0.26	
Beryllium	~~0.51 B,J~~ 4.0 U	4.0	ug/L	SW846 6010B	12/16-12/28/08	K4J291AH
		Dilution Factor: 1		Analysis Time..: 19:29	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 0.18	
Calcium	183000 J	5000	ug/L	SW846 6010B	12/16-12/28/08	K4J291AJ
		Dilution Factor: 1		Analysis Time..: 19:29	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 17.7	
Cadmium	ND	5.0	ug/L	SW846 6010B	12/16-12/28/08	K4J291AK
		Dilution Factor: 1		Analysis Time..: 19:29	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 0.21	
Cobalt	3.7 B J	50.0	ug/L	SW846 6010B	12/16-12/28/08	K4J291AL
		Dilution Factor: 1		Analysis Time..: 19:29	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 0.45	
Chromium	3.2 B J	5.0	ug/L	SW846 6010B	12/16-12/28/08	K4J291AM
		Dilution Factor: 1		Analysis Time..: 19:29	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 1.1	

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AECOM, Inc

Client Sample ID: MW-7D

TOTAL Metals

Lot-Sample #...: C8L110371-004 Matrix.....: WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Copper	ND	25.0	ug/L	SW846 6010B	12/16-12/28/08	K4J291AN
		Dilution Factor: 1		Analysis Time..: 19:29	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 4.6	
Iron	5110	100	ug/L	SW846 6010B	12/16-12/28/08	K4J291AP
		Dilution Factor: 1		Analysis Time..: 19:29	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 8.4	
Potassium	11700	5000	ug/L	SW846 6010B	12/16-12/28/08	K4J291AQ
		Dilution Factor: 1		Analysis Time..: 19:29	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 750	
Magnesium	44400	5000	ug/L	SW846 6010B	12/16-12/28/08	K4J291AR
		Dilution Factor: 1		Analysis Time..: 19:29	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 21.8	
Manganese	4260	15.0	ug/L	SW846 6010B	12/16-12/28/08	K4J291AT
		Dilution Factor: 1		Analysis Time..: 19:29	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 0.57	
Sodium	164000	5000	ug/L	SW846 6010B	12/16-12/28/08	K4J291AU
		Dilution Factor: 1		Analysis Time..: 19:29	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 145	
Nickel	5.9 B J	40.0	ug/L	SW846 6010B	12/16-12/28/08	K4J291AV
		Dilution Factor: 1		Analysis Time..: 19:29	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 0.78	
Lead	ND	3.0	ug/L	SW846 6010B	12/16-12/28/08	K4J291AW
		Dilution Factor: 1		Analysis Time..: 19:29	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 1.7	
Selenium	ND	5.0	ug/L	SW846 6010B	12/16-12/28/08	K4J291AX
		Dilution Factor: 1		Analysis Time..: 19:29	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 2.9	
Thallium	ND	10.0	ug/L	SW846 6010B	12/16-12/28/08	K4J291A0
		Dilution Factor: 1		Analysis Time..: 19:29	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 2.8	

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AECOM, Inc

Client Sample ID: MW-7D

TOTAL Metals

Lot-Sample #...: C8L110371-004 Matrix.....: WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	ND	10.0	ug/L	SW846 6010B	12/16-12/28/08	K4J291A1
		Dilution Factor: 1		Analysis Time..: 19:29	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 1.8	
Vanadium	**9.6 B J**	**50.0**	**ug/L**	**SW846 6010B**	**12/16-12/28/08**	**K4J291A2**
		Dilution Factor: 1		Analysis Time..: 19:29	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 2.4	
Zinc	~~**8.4 B,J**~~ to U	**20.0**	**ug/L**	**SW846 6010B**	**12/16-12/28/08**	**K4J291A3**
		Dilution Factor: 1		Analysis Time..: 19:29	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 3.1	
Prep Batch #...: 8357147						
Mercury	ND	0.20	ug/L	SW846 7470A	12/22/08	K4J291A4
		Dilution Factor: 1		Analysis Time..: 13:03	Analyst ID.....: 403938	
		Instrument ID..: HGHYDRA		MS Run #.....: 8357101	MDL.....: 0.016	

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.

AECOM, Inc

Client Sample ID: MW-7

TOTAL Metals

Lot-Sample #...: C8L110371-005 Matrix.....: WG
Date Sampled...: 12/10/08 Date Received..: 12/11/08

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8351421						
Silver	0.97 B J	5.0	ug/L	SW846 6010B	12/16-12/28/08	K4J3A1AD
		Dilution Factor: 1		Analysis Time..: 19:34	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 0.54	
Aluminum	~~65.8 B,J~~ 200 U	200	ug/L	SW846 6010B	12/16-12/28/08	K4J3A1AE
		Dilution Factor: 1		Analysis Time..: 19:34	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 16.2	
Arsenic	2.8 B J	10.0	ug/L	SW846 6010B	12/16-12/28/08	K4J3A1AF
		Dilution Factor: 1		Analysis Time..: 19:34	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 2.0	
Barium	304 J	200	ug/L	SW846 6010B	12/16-12/28/08	K4J3A1AG
		Dilution Factor: 1		Analysis Time..: 19:34	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 0.26	
Beryllium	~~0.34 B,J~~ 4.0 U	4.0	ug/L	SW846 6010B	12/16-12/28/08	K4J3A1AH
		Dilution Factor: 1		Analysis Time..: 19:34	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 0.18	
Calcium	216000 J	5000	ug/L	SW846 6010B	12/16-12/28/08	K4J3A1AJ
		Dilution Factor: 1		Analysis Time..: 19:34	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 17.7	
Cadmium	0.31 B J	5.0	ug/L	SW846 6010B	12/16-12/28/08	K4J3A1AK
		Dilution Factor: 1		Analysis Time..: 19:34	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 0.21	
Cobalt	ND	50.0	ug/L	SW846 6010B	12/16-12/28/08	K4J3A1AL
		Dilution Factor: 1		Analysis Time..: 19:34	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 0.45	
Chromium	1.1 B J	5.0	ug/L	SW846 6010B	12/16-12/28/08	K4J3A1AM
		Dilution Factor: 1		Analysis Time..: 19:34	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 1.1	

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AECOM, Inc

Client Sample ID: MW-7

TOTAL Metals

Lot-Sample #...: C8L110371-005 Matrix.....: WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Copper	ND	25.0	ug/L	SW846 6010B	12/16-12/28/08	K4J3A1AN
		Dilution Factor: 1		Analysis Time..: 19:34	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 4.6	
Iron	17600	100	ug/L	SW846 6010B	12/16-12/28/08	K4J3A1AP
		Dilution Factor: 1		Analysis Time..: 19:34	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 8.4	
Potassium	20500	5000	ug/L	SW846 6010B	12/16-12/28/08	K4J3A1AQ
		Dilution Factor: 1		Analysis Time..: 19:34	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 750	
Magnesium	34500	5000	ug/L	SW846 6010B	12/16-12/28/08	K4J3A1AR
		Dilution Factor: 1		Analysis Time..: 19:34	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 21.8	
Manganese	3960	15.0	ug/L	SW846 6010B	12/16-12/28/08	K4J3A1AT
		Dilution Factor: 1		Analysis Time..: 19:34	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 0.57	
Sodium	531000	10000	ug/L	SW846 6010B	12/16-12/30/08	K4J3A1AU
		Dilution Factor: 2		Analysis Time..: 11:12	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 290	
Nickel	1.4 B J	40.0	ug/L	SW846 6010B	12/16-12/28/08	K4J3A1AV
		Dilution Factor: 1		Analysis Time..: 19:34	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 0.78	
Lead	ND	3.0	ug/L	SW846 6010B	12/16-12/28/08	K4J3A1AW
		Dilution Factor: 1		Analysis Time..: 19:34	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 1.7	
Selenium	ND	5.0	ug/L	SW846 6010B	12/16-12/28/08	K4J3A1AX
		Dilution Factor: 1		Analysis Time..: 19:34	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 2.9	
Thallium	ND	10.0	ug/L	SW846 6010B	12/16-12/28/08	K4J3A1A0
		Dilution Factor: 1		Analysis Time..: 19:34	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 2.8	

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AECOM, Inc

Client Sample ID: MW-7

TOTAL Metals

Lot-Sample #...: C8L110371-005 Matrix.....: WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	ND	10.0	ug/L	SW846 6010B	12/16-12/28/08	K4J3A1A1
		Dilution Factor: 1		Analysis Time..: 19:34	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 1.8	
Vanadium	ND	50.0	ug/L	SW846 6010B	12/16-12/28/08	K4J3A1A2
		Dilution Factor: 1		Analysis Time..: 19:34	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 2.4	
Zinc	~~6.0 B,J~~ 20.0	**20.0**	**ug/L**	**SW846 6010B**	**12/16-12/28/08**	**K4J3A1A3**
		Dilution Factor: 1		Analysis Time..: 19:34	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 3.1	
Prep Batch #...: 8357147						
Mercury	ND	0.20	ug/L	SW846 7470A	12/22/08	K4J3A1A4
		Dilution Factor: 1		Analysis Time..: 13:08	Analyst ID.....: 403938	
		Instrument ID..: HGHYDRA		MS Run #.....: 8357101	MDL.....: 0.016	

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.

AECOM, Inc

Client Sample ID: CTM-14

TOTAL Metals

Lot-Sample #...: C8L110371-006 Matrix.....: WG
Date Sampled...: 12/10/08 Date Received..: 12/11/08

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8351421						
Silver	ND	5.0	ug/L	SW846 6010B	12/16-12/28/08	K4J3C1AD
		Dilution Factor: 1		Analysis Time..: 19:40	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 0.54	
Aluminum	~~147 B,J~~ 100 U	200	ug/L	SW846 6010B	12/16-12/28/08	K4J3C1AE
		Dilution Factor: 1		Analysis Time..: 19:40	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 16.2	
Arsenic	6.0 B J	10.0	ug/L	SW846 6010B	12/16-12/28/08	K4J3C1AF
		Dilution Factor: 1		Analysis Time..: 19:40	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 2.0	
Barium	~~129 B,J~~ 200 U	200	ug/L	SW846 6010B	12/16-12/28/08	K4J3C1AG
		Dilution Factor: 1		Analysis Time..: 19:40	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 0.26	
Beryllium	~~0.40 B,J~~ 4.0 U	4.0	ug/L	SW846 6010B	12/16-12/28/08	K4J3C1AH
		Dilution Factor: 1		Analysis Time..: 19:40	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 0.18	
Calcium	177000 J	5000	ug/L	SW846 6010B	12/16-12/28/08	K4J3C1AJ
		Dilution Factor: 1		Analysis Time..: 19:40	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 17.7	
Cadmium	ND	5.0	ug/L	SW846 6010B	12/16-12/28/08	K4J3C1AK
		Dilution Factor: 1		Analysis Time..: 19:40	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 0.21	
Cobalt	0.57 B J	50.0	ug/L	SW846 6010B	12/16-12/28/08	K4J3C1AL
		Dilution Factor: 1		Analysis Time..: 19:40	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 0.45	
Chromium	ND	5.0	ug/L	SW846 6010B	12/16-12/28/08	K4J3C1AM
		Dilution Factor: 1		Analysis Time..: 19:40	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 1.1	

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AECOM, Inc

Client Sample ID: CTM-14

TOTAL Metals

Lot-Sample #...: C8L110371-006 Matrix.....: WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Copper	ND	25.0	ug/L	SW846 6010B	12/16-12/28/08	K4J3C1AN
		Dilution Factor: 1		Analysis Time..: 19:40	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 4.6	
Iron	6500	100	ug/L	SW846 6010B	12/16-12/28/08	K4J3C1AP
		Dilution Factor: 1		Analysis Time..: 19:40	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 8.4	
Potassium	29700	5000	ug/L	SW846 6010B	12/16-12/28/08	K4J3C1AQ
		Dilution Factor: 1		Analysis Time..: 19:40	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 750	
Magnesium	20400	5000	ug/L	SW846 6010B	12/16-12/28/08	K4J3C1AR
		Dilution Factor: 1		Analysis Time..: 19:40	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 21.8	
Manganese	677	15.0	ug/L	SW846 6010B	12/16-12/28/08	K4J3C1AT
		Dilution Factor: 1		Analysis Time..: 19:40	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 0.57	
Sodium	166000	5000	ug/L	SW846 6010B	12/16-12/28/08	K4J3C1AU
		Dilution Factor: 1		Analysis Time..: 19:40	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 145	
Nickel	1.0 B J	40.0	ug/L	SW846 6010B	12/16-12/28/08	K4J3C1AV
		Dilution Factor: 1		Analysis Time..: 19:40	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 0.78	
Lead	ND	3.0	ug/L	SW846 6010B	12/16-12/28/08	K4J3C1AW
		Dilution Factor: 1		Analysis Time..: 19:40	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 1.7	
Selenium	ND	5.0	ug/L	SW846 6010B	12/16-12/28/08	K4J3C1AX
		Dilution Factor: 1		Analysis Time..: 19:40	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 2.9	
Thallium	ND	10.0	ug/L	SW846 6010B	12/16-12/28/08	K4J3C1A0
		Dilution Factor: 1		Analysis Time..: 19:40	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 2.8	

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AECOM, Inc

Client Sample ID: CTM-14

TOTAL Metals

Lot-Sample #...: C8L110371-006 Matrix.....: WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	ND	10.0	ug/L	SW846 6010B	12/16-12/28/08	K4J3C1A1
		Dilution Factor: 1		Analysis Time..: 19:40	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 1.8	
Vanadium	2.8 B J	50.0	ug/L	SW846 6010B	12/16-12/28/08	K4J3C1A2
		Dilution Factor: 1		Analysis Time..: 19:40	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 2.4	
Zinc	~~7.3 B,J~~ 10.0 U	20.0	ug/L	SW846 6010B	12/16-12/28/08	K4J3C1A3
		Dilution Factor: 1		Analysis Time..: 19:40	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 3.1	
Prep Batch #...: 8357147						
Mercury	0.026 B J	0.20	ug/L	SW846 7470A	12/22/08	K4J3C1A4
		Dilution Factor: 1		Analysis Time..: 13:09	Analyst ID.....: 403938	
		Instrument ID..: HGHYDRA		MS Run #.....: 8357101	MDL.....: 0.016	

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.

AECOM, Inc

Client Sample ID: CTM-MW-1

TOTAL Metals

Lot-Sample #...: C8L110371-007 Matrix.....: WG
Date Sampled...: 12/10/08 Date Received..: 12/11/08

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8351421						
Silver	0.57 B J	5.0	ug/L	SW846 6010B	12/16-12/28/08	K4J3D1AD
		Dilution Factor: 1		Analysis Time..: 19:45	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 0.54	
Aluminum	~~128 B,J~~ 200 U	200	ug/L	SW846 6010B	12/16-12/28/08	K4J3D1AE
		Dilution Factor: 1		Analysis Time..: 19:45	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 16.2	
Arsenic	6.7 B J	10.0	ug/L	SW846 6010B	12/16-12/28/08	K4J3D1AF
		Dilution Factor: 1		Analysis Time..: 19:45	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 2.0	
Barium	311 J	200	ug/L	SW846 6010B	12/16-12/28/08	K4J3D1AG
		Dilution Factor: 1		Analysis Time..: 19:45	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 0.26	
Beryllium	~~0.27 B,J~~ 4.0 U	4.0	ug/L	SW846 6010B	12/16-12/28/08	K4J3D1AH
		Dilution Factor: 1		Analysis Time..: 19:45	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 0.18	
Calcium	273000 J	5000	ug/L	SW846 6010B	12/16-12/28/08	K4J3D1AJ
		Dilution Factor: 1		Analysis Time..: 19:45	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 17.7	
Cadmium	0.28 B J	5.0	ug/L	SW846 6010B	12/16-12/28/08	K4J3D1AK
		Dilution Factor: 1		Analysis Time..: 19:45	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 0.21	
Cobalt	ND	50.0	ug/L	SW846 6010B	12/16-12/28/08	K4J3D1AL
		Dilution Factor: 1		Analysis Time..: 19:45	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 0.45	
Chromium	ND	5.0	ug/L	SW846 6010B	12/16-12/28/08	K4J3D1AM
		Dilution Factor: 1		Analysis Time..: 19:45	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 1.1	

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AECOM, Inc

Client Sample ID: CTM-MW-1

TOTAL Metals

Lot-Sample #...: C8L110371-007 Matrix.....: WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Copper	ND	25.0	ug/L	SW846 6010B	12/16-12/28/08	K4J3D1AN
		Dilution Factor: 1		Analysis Time..: 19:45	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 4.6	
Iron	24100	100	ug/L	SW846 6010B	12/16-12/28/08	K4J3D1AP
		Dilution Factor: 1		Analysis Time..: 19:45	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 8.4	
Potassium	29400	5000	ug/L	SW846 6010B	12/16-12/28/08	K4J3D1AQ
		Dilution Factor: 1		Analysis Time..: 19:45	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 750	
Magnesium	35000	5000	ug/L	SW846 6010B	12/16-12/28/08	K4J3D1AR
		Dilution Factor: 1		Analysis Time..: 19:45	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 21.8	
Manganese	2490	15.0	ug/L	SW846 6010B	12/16-12/28/08	K4J3D1AT
		Dilution Factor: 1		Analysis Time..: 19:45	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 0.57	
Sodium	627000	10000	ug/L	SW846 6010B	12/16-12/30/08	K4J3D1AU
		Dilution Factor: 2		Analysis Time..: 11:17	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 290	
Nickel	2.1 B J	40.0	ug/L	SW846 6010B	12/16-12/28/08	K4J3D1AV
		Dilution Factor: 1		Analysis Time..: 19:45	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 0.78	
Lead	ND	3.0	ug/L	SW846 6010B	12/16-12/28/08	K4J3D1AW
		Dilution Factor: 1		Analysis Time..: 19:45	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 1.7	
Selenium	ND	5.0	ug/L	SW846 6010B	12/16-12/28/08	K4J3D1AX
		Dilution Factor: 1		Analysis Time..: 19:45	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 2.9	
Thallium	ND	10.0	ug/L	SW846 6010B	12/16-12/28/08	K4J3D1A0
		Dilution Factor: 1		Analysis Time..: 19:45	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 2.8	

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AECOM, Inc

Client Sample ID: CTM-MW-1

TOTAL Metals

Lot-Sample #...: C8L110371-007 Matrix.....: WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	ND	10.0	ug/L	SW846 6010B	12/16-12/28/08	K4J3D1A1
		Dilution Factor: 1		Analysis Time..: 19:45	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 1.8	
Vanadium	ND	50.0	ug/L	SW846 6010B	12/16-12/28/08	K4J3D1A2
		Dilution Factor: 1		Analysis Time..: 19:45	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 2.4	
Zinc	~~5.7 B,J~~ 20.0 U	20.0	ug/L	SW846 6010B	12/16-12/28/08	K4J3D1A3
		Dilution Factor: 1		Analysis Time..: 19:45	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 3.1	
Prep Batch #...: 8357147						
Mercury	ND	0.20	ug/L	SW846 7470A	12/22/08	K4J3D1A4
		Dilution Factor: 1		Analysis Time..: 13:11	Analyst ID.....: 403938	
		Instrument ID..: HGHYDRA		MS Run #.....: 8357101	MDL.....: 0.016	

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.

AECOM, Inc

Client Sample ID: MW-9

TOTAL Metals

Lot-Sample #...: C8L110371-008 Matrix.....: WG
Date Sampled...: 12/10/08 Date Received..: 12/11/08

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8351421						
Silver	ND	5.0	ug/L	SW846 6010B	12/16-12/28/08	K4J3H1AD
		Dilution Factor: 1		Analysis Time..: 19:51	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 0.54	
Aluminum	~~87.0 B,J~~ 200 U	200	ug/L	SW846 6010B	12/16-12/28/08	K4J3H1AE
		Dilution Factor: 1		Analysis Time..: 19:51	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 16.2	
Arsenic	ND	10.0	ug/L	SW846 6010B	12/16-12/28/08	K4J3H1AF
		Dilution Factor: 1		Analysis Time..: 19:51	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 2.0	
Barium	~~147 B,J~~ 200 U	200	ug/L	SW846 6010B	12/16-12/28/08	K4J3H1AG
		Dilution Factor: 1		Analysis Time..: 19:51	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 0.26	
Beryllium	~~0.38 B,J~~ 4.0 U	4.0	ug/L	SW846 6010B	12/16-12/28/08	K4J3H1AH
		Dilution Factor: 1		Analysis Time..: 19:51	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 0.18	
Calcium	120000 J	5000	ug/L	SW846 6010B	12/16-12/28/08	K4J3H1AJ
		Dilution Factor: 1		Analysis Time..: 19:51	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 17.7	
Cadmium	ND	5.0	ug/L	SW846 6010B	12/16-12/28/08	K4J3H1AK
		Dilution Factor: 1		Analysis Time..: 19:51	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 0.21	
Cobalt	ND	50.0	ug/L	SW846 6010B	12/16-12/28/08	K4J3H1AL
		Dilution Factor: 1		Analysis Time..: 19:51	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 0.45	
Chromium	ND	5.0	ug/L	SW846 6010B	12/16-12/28/08	K4J3H1AM
		Dilution Factor: 1		Analysis Time..: 19:51	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 1.1	

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AECOM, Inc

Client Sample ID: MW-9

TOTAL Metals

Lot-Sample #...: C8L110371-008 Matrix.....: WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Copper	ND	25.0	ug/L	SW846 6010B	12/16-12/28/08	K4J3H1AN
		Dilution Factor: 1		Analysis Time..: 19:51	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 4.6	
Iron	9700	100	ug/L	SW846 6010B	12/16-12/28/08	K4J3H1AP
		Dilution Factor: 1		Analysis Time..: 19:51	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 8.4	
Potassium	30300	5000	ug/L	SW846 6010B	12/16-12/28/08	K4J3H1AQ
		Dilution Factor: 1		Analysis Time..: 19:51	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 750	
Magnesium	16600	5000	ug/L	SW846 6010B	12/16-12/28/08	K4J3H1AR
		Dilution Factor: 1		Analysis Time..: 19:51	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 21.8	
Manganese	618	15.0	ug/L	SW846 6010B	12/16-12/28/08	K4J3H1AT
		Dilution Factor: 1		Analysis Time..: 19:51	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 0.57	
Sodium	581000	10000	ug/L	SW846 6010B	12/16-12/30/08	K4J3H1AU
		Dilution Factor: 2		Analysis Time..: 11:23	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 290	
Nickel	ND	40.0	ug/L	SW846 6010B	12/16-12/28/08	K4J3H1AV
		Dilution Factor: 1		Analysis Time..: 19:51	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 0.78	
Lead	ND	3.0	ug/L	SW846 6010B	12/16-12/28/08	K4J3H1AW
		Dilution Factor: 1		Analysis Time..: 19:51	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 1.7	
Selenium	ND	5.0	ug/L	SW846 6010B	12/16-12/28/08	K4J3H1AX
		Dilution Factor: 1		Analysis Time..: 19:51	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 2.9	
Thallium	ND	10.0	ug/L	SW846 6010B	12/16-12/28/08	K4J3H1A0
		Dilution Factor: 1		Analysis Time..: 19:51	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 2.8	

(Continued on next page)

AECOM, Inc

Client Sample ID: MW-9

TOTAL Metals

Lot-Sample #...: C8L110371-008 Matrix.....: WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	ND	10.0	ug/L	SW846 6010B	12/16-12/28/08	K4J3H1A1
		Dilution Factor: 1		Analysis Time..: 19:51	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 1.8	
Vanadium	ND	50.0	ug/L	SW846 6010B	12/16-12/28/08	K4J3H1A2
		Dilution Factor: 1		Analysis Time..: 19:51	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 2.4	
Zinc	~~5.9 B,J~~ 20.0 U	20.0	ug/L	SW846 6010B	12/16-12/28/08	K4J3H1A3
		Dilution Factor: 1		Analysis Time..: 19:51	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 3.1	
Prep Batch #...: 8357147						
Mercury	ND	0.20	ug/L	SW846 7470A	12/22/08	K4J3H1A4
		Dilution Factor: 1		Analysis Time..: 13:12	Analyst ID.....: 403938	
		Instrument ID..: HGHYDRA		MS Run #.....: 8357101	MDL.....: 0.016	

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.

AECOM, Inc

Client Sample ID: MW-13D

TOTAL Metals

Lot-Sample #...: C8L110371-009 Matrix.....: WG
Date Sampled...: 12/10/08 Date Received..: 12/11/08

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8351421						
Silver	ND	5.0	ug/L	SW846 6010B	12/16-12/28/08	K4J3J1AD
		Dilution Factor: 1		Analysis Time..: 19:56	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 0.54	
Aluminum	~~91.3 B,J~~ 200 U	**200**	**ug/L**	**SW846 6010B**	**12/16-12/28/08**	**K4J3J1AE**
		Dilution Factor: 1		Analysis Time..: 19:56	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 16.2	
Arsenic	ND	10.0	ug/L	SW846 6010B	12/16-12/28/08	K4J3J1AF
		Dilution Factor: 1		Analysis Time..: 19:56	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 2.0	
Barium	~~155 B,J~~ 200 U	**200**	**ug/L**	**SW846 6010B**	**12/16-12/28/08**	**K4J3J1AG**
		Dilution Factor: 1		Analysis Time..: 19:56	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 0.26	
Beryllium	~~0.55 B,J~~ 1.0 U	**4.0**	**ug/L**	**SW846 6010B**	**12/16-12/28/08**	**K4J3J1AH**
		Dilution Factor: 1		Analysis Time..: 19:56	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 0.18	
Calcium	**187000 J**	**5000**	**ug/L**	**SW846 6010B**	**12/16-12/28/08**	**K4J3J1AJ**
		Dilution Factor: 1		Analysis Time..: 19:56	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 17.7	
Cadmium	ND	5.0	ug/L	SW846 6010B	12/16-12/28/08	K4J3J1AK
		Dilution Factor: 1		Analysis Time..: 19:56	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 0.21	
Cobalt	ND	50.0	ug/L	SW846 6010B	12/16-12/28/08	K4J3J1AL
		Dilution Factor: 1		Analysis Time..: 19:56	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 0.45	
Chromium	ND	5.0	ug/L	SW846 6010B	12/16-12/28/08	K4J3J1AM
		Dilution Factor: 1		Analysis Time..: 19:56	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 1.1	

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AECOM, Inc

Client Sample ID: MW-13D

TOTAL Metals

Lot-Sample #...: C8L110371-009 Matrix.....: WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Copper	ND	25.0	ug/L	SW846 6010B	12/16-12/28/08	K4J3J1AN
		Dilution Factor: 1		Analysis Time..: 19:56	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 4.6	
Iron	2110	100	ug/L	SW846 6010B	12/16-12/28/08	K4J3J1AP
		Dilution Factor: 1		Analysis Time..: 19:56	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 8.4	
Potassium	6060	5000	ug/L	SW846 6010B	12/16-12/28/08	K4J3J1AQ
		Dilution Factor: 1		Analysis Time..: 19:56	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 750	
Magnesium	36000	5000	ug/L	SW846 6010B	12/16-12/28/08	K4J3J1AR
		Dilution Factor: 1		Analysis Time..: 19:56	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 21.8	
Manganese	1460	15.0	ug/L	SW846 6010B	12/16-12/28/08	K4J3J1AT
		Dilution Factor: 1		Analysis Time..: 19:56	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 0.57	
Sodium	116000	5000	ug/L	SW846 6010B	12/16-12/28/08	K4J3J1AU
		Dilution Factor: 1		Analysis Time..: 19:56	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 145	
Nickel	1.2 B J	40.0	ug/L	SW846 6010B	12/16-12/28/08	K4J3J1AV
		Dilution Factor: 1		Analysis Time..: 19:56	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 0.78	
Lead	ND	3.0	ug/L	SW846 6010B	12/16-12/28/08	K4J3J1AW
		Dilution Factor: 1		Analysis Time..: 19:56	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 1.7	
Selenium	ND	5.0	ug/L	SW846 6010B	12/16-12/28/08	K4J3J1AX
		Dilution Factor: 1		Analysis Time..: 19:56	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 2.9	
Thallium	ND	10.0	ug/L	SW846 6010B	12/16-12/28/08	K4J3J1A0
		Dilution Factor: 1		Analysis Time..: 19:56	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 2.8	

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AECOM, Inc

Client Sample ID: MW-13D

TOTAL Metals

Lot-Sample #...: C8L110371-009 Matrix.....: WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	ND	10.0	ug/L	SW846 6010B	12/16-12/28/08	K4J3J1A1
		Dilution Factor: 1		Analysis Time..: 19:56	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 1.8	
Vanadium	ND	50.0	ug/L	SW846 6010B	12/16-12/28/08	K4J3J1A2
		Dilution Factor: 1		Analysis Time..: 19:56	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 2.4	
Zinc	~~4.0 B,J~~ 20.0 U	**20.0**	ug/L	SW846 6010B	12/16-12/28/08	K4J3J1A3
		Dilution Factor: 1		Analysis Time..: 19:56	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 3.1	
Prep Batch #...: 8357147						
Mercury	ND	0.20	ug/L	SW846 7470A	12/22/08	K4J3J1A4
		Dilution Factor: 1		Analysis Time..: 13:14	Analyst ID.....: 403938	
		Instrument ID..: HGHYDRA		MS Run #.....: 8357101	MDL.....: 0.016	

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.

AECOM, Inc

Client Sample ID: MW-16D

TOTAL Metals

Lot-Sample #...: C8L110371-011 Matrix.....: WG
Date Sampled...: 12/10/08 Date Received..: 12/11/08

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8351421						
Silver	ND	5.0	ug/L	SW846 6010B	12/16-12/28/08	K4J3L1AD
		Dilution Factor: 1		Analysis Time..: 20:02	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 0.54	
Aluminum	**235 J**	**200**	**ug/L**	**SW846 6010B**	**12/16-12/28/08**	**K4J3L1AE**
		Dilution Factor: 1		Analysis Time..: 20:02	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 16.2	
Arsenic	ND	10.0	ug/L	SW846 6010B	12/16-12/28/08	K4J3L1AF
		Dilution Factor: 1		Analysis Time..: 20:02	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 2.0	
Barium	~~126 B,J~~ 200 U	**200**	**ug/L**	**SW846 6010B**	**12/16-12/28/08**	**K4J3L1AG**
		Dilution Factor: 1		Analysis Time..: 20:02	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 0.26	
Beryllium	~~0.61 B,J~~ 4.0 U	**4.0**	**ug/L**	**SW846 6010B**	**12/16-12/28/08**	**K4J3L1AH**
		Dilution Factor: 1		Analysis Time..: 20:02	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 0.18	
Calcium	**175000 J**	**5000**	**ug/L**	**SW846 6010B**	**12/16-12/28/08**	**K4J3L1AJ**
		Dilution Factor: 1		Analysis Time..: 20:02	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 17.7	
Cadmium	ND	5.0	ug/L	SW846 6010B	12/16-12/28/08	K4J3L1AK
		Dilution Factor: 1		Analysis Time..: 20:02	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 0.21	
Cobalt	ND	50.0	ug/L	SW846 6010B	12/16-12/28/08	K4J3L1AL
		Dilution Factor: 1		Analysis Time..: 20:02	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 0.45	
Chromium	ND	5.0	ug/L	SW846 6010B	12/16-12/28/08	K4J3L1AM
		Dilution Factor: 1		Analysis Time..: 20:02	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 1.1	

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AECOM, Inc

Client Sample ID: MW-16D

TOTAL Metals

Lot-Sample #...: C8L110371-011 Matrix.....: WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Copper	ND	25.0	ug/L	SW846 6010B	12/16-12/28/08	K4J3L1AN
		Dilution Factor: 1		Analysis Time..: 20:02	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 4.6	
Iron	435	100	ug/L	SW846 6010B	12/16-12/28/08	K4J3L1AP
		Dilution Factor: 1		Analysis Time..: 20:02	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 8.4	
Potassium	16600	5000	ug/L	SW846 6010B	12/16-12/28/08	K4J3L1AQ
		Dilution Factor: 1		Analysis Time..: 20:02	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 750	
Magnesium	36800	5000	ug/L	SW846 6010B	12/16-12/28/08	K4J3L1AR
		Dilution Factor: 1		Analysis Time..: 20:02	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 21.8	
Manganese	561	15.0	ug/L	SW846 6010B	12/16-12/28/08	K4J3L1AT
		Dilution Factor: 1		Analysis Time..: 20:02	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 0.57	
Sodium	157000	5000	ug/L	SW846 6010B	12/16-12/28/08	K4J3L1AU
		Dilution Factor: 1		Analysis Time..: 20:02	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 145	
Nickel	1.0 B J	40.0	ug/L	SW846 6010B	12/16-12/28/08	K4J3L1AV
		Dilution Factor: 1		Analysis Time..: 20:02	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 0.78	
Lead	ND	3.0	ug/L	SW846 6010B	12/16-12/28/08	K4J3L1AW
		Dilution Factor: 1		Analysis Time..: 20:02	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 1.7	
Selenium	ND	5.0	ug/L	SW846 6010B	12/16-12/28/08	K4J3L1AX
		Dilution Factor: 1		Analysis Time..: 20:02	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 2.9	
Thallium	ND	10.0	ug/L	SW846 6010B	12/16-12/28/08	K4J3L1A0
		Dilution Factor: 1		Analysis Time..: 20:02	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 2.8	

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AECOM, Inc

Client Sample ID: MW-16D

TOTAL Metals

Lot-Sample #...: C8L110371-011 Matrix.....: WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	ND	10.0	ug/L	SW846 6010B	12/16-12/28/08	K4J3L1A1
		Dilution Factor: 1		Analysis Time..: 20:02	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 1.8	
Vanadium	**2.9 B** J	**50.0**	**ug/L**	**SW846 6010B**	**12/16-12/28/08**	**K4J3L1A2**
		Dilution Factor: 1		Analysis Time..: 20:02	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 2.4	
Zinc	~~8.6 B,J~~ 20.0 U	**20.0**	**ug/L**	**SW846 6010B**	**12/16-12/28/08**	**K4J3L1A3**
		Dilution Factor: 1		Analysis Time..: 20:02	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 3.1	
Prep Batch #...: 8357147						
Mercury	ND	0.20	ug/L	SW846 7470A	12/22/08	K4J3L1A4
		Dilution Factor: 1		Analysis Time..: 13:16	Analyst ID.....: 403938	
		Instrument ID..: HGHYDRA		MS Run #.....: 8357101	MDL.....: 0.016	

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.~~

AECOM, Inc

Client Sample ID: MW-1600D

TOTAL Metals

Lot-Sample #...: C8L110371-012 Matrix.....: WG
Date Sampled...: 12/10/08 Date Received..: 12/11/08

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8351421						
Silver	ND	5.0	ug/L	SW846 6010B	12/16-12/28/08	K4J3M1AD
		Dilution Factor: 1		Analysis Time..: 20:07	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 0.54	
Aluminum	**204 J**	**200**	**ug/L**	**SW846 6010B**	**12/16-12/28/08**	**K4J3M1AE**
		Dilution Factor: 1		Analysis Time..: 20:07	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 16.2	
Arsenic	ND	10.0	ug/L	SW846 6010B	12/16-12/28/08	K4J3M1AF
		Dilution Factor: 1		Analysis Time..: 20:07	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 2.0	
Barium	~~125 B,J~~ 200 U	**200**	**ug/L**	**SW846 6010B**	**12/16-12/28/08**	**K4J3M1AG**
		Dilution Factor: 1		Analysis Time..: 20:07	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 0.26	
Beryllium	~~0.51 B,J~~ 4.0 U	**4.0**	**ug/L**	**SW846 6010B**	**12/16-12/28/08**	**K4J3M1AH**
		Dilution Factor: 1		Analysis Time..: 20:07	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 0.18	
Calcium	**175000 J**	**5000**	**ug/L**	**SW846 6010B**	**12/16-12/28/08**	**K4J3M1AJ**
		Dilution Factor: 1		Analysis Time..: 20:07	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 17.7	
Cadmium	ND	5.0	ug/L	SW846 6010B	12/16-12/28/08	K4J3M1AK
		Dilution Factor: 1		Analysis Time..: 20:07	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 0.21	
Cobalt	**0.56 B J**	**50.0**	**ug/L**	**SW846 6010B**	**12/16-12/28/08**	**K4J3M1AL**
		Dilution Factor: 1		Analysis Time..: 20:07	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 0.45	
Chromium	ND	5.0	ug/L	SW846 6010B	12/16-12/28/08	K4J3M1AM
		Dilution Factor: 1		Analysis Time..: 20:07	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 1.1	

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AECOM, Inc

Client Sample ID: MW-1600D

TOTAL Metals

Lot-Sample #...: C8L110371-012 Matrix.....: WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Copper	ND	25.0	ug/L	SW846 6010B	12/16-12/28/08	K4J3M1AN
		Dilution Factor: 1		Analysis Time..: 20:07	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 4.6	
Iron	371	100	ug/L	SW846 6010B	12/16-12/28/08	K4J3M1AP
		Dilution Factor: 1		Analysis Time..: 20:07	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 8.4	
Potassium	16700	5000	ug/L	SW846 6010B	12/16-12/28/08	K4J3M1AQ
		Dilution Factor: 1		Analysis Time..: 20:07	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 750	
Magnesium	37000	5000	ug/L	SW846 6010B	12/16-12/28/08	K4J3M1AR
		Dilution Factor: 1		Analysis Time..: 20:07	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 21.8	
Manganese	560	15.0	ug/L	SW846 6010B	12/16-12/28/08	K4J3M1AT
		Dilution Factor: 1		Analysis Time..: 20:07	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 0.57	
Sodium	158000	5000	ug/L	SW846 6010B	12/16-12/28/08	K4J3M1AU
		Dilution Factor: 1		Analysis Time..: 20:07	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 145	
Nickel	0.89 B/J	40.0	ug/L	SW846 6010B	12/16-12/28/08	K4J3M1AV
		Dilution Factor: 1		Analysis Time..: 20:07	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 0.78	
Lead	ND	3.0	ug/L	SW846 6010B	12/16-12/28/08	K4J3M1AW
		Dilution Factor: 1		Analysis Time..: 20:07	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 1.7	
Selenium	ND	5.0	ug/L	SW846 6010B	12/16-12/28/08	K4J3M1AX
		Dilution Factor: 1		Analysis Time..: 20:07	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 2.9	
Thallium	ND	10.0	ug/L	SW846 6010B	12/16-12/28/08	K4J3M1A0
		Dilution Factor: 1		Analysis Time..: 20:07	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 2.8	

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AECOM, Inc

Client Sample ID: MW-1600D

TOTAL Metals

Lot-Sample #...: C8L110371-012 Matrix.....: WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	ND	10.0	ug/L	SW846 6010B	12/16-12/28/08	K4J3M1A1
		Dilution Factor: 1		Analysis Time..: 20:07	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 1.8	
Vanadium	2.6 ~~B~~ J	**50.0**	**ug/L**	**SW846 6010B**	**12/16-12/28/08**	**K4J3M1A2**
		Dilution Factor: 1		Analysis Time..: 20:07	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 2.4	
Zinc	~~5.0 B,J~~ 20.0 U	**20.0**	**ug/L**	**SW846 6010B**	**12/16-12/28/08**	**K4J3M1A3**
		Dilution Factor: 1		Analysis Time..: 20:07	Analyst ID.....: 022952	
		Instrument ID..: TRACEICP		MS Run #.....: 8351251	MDL.....: 3.1	
Prep Batch #...: 8357147						
Mercury	ND	0.20	ug/L	SW846 7470A	12/22/08	K4J3M1A4
		Dilution Factor: 1		Analysis Time..: 13:18	Analyst ID.....: 403938	
		Instrument ID..: HGHYDRA		MS Run #.....: 8357101	MDL.....: 0.016	

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.~~

AECOM, Inc

Client Sample ID: MW-14D

TOTAL Metals

Lot-Sample #...: C8L120342-002 Matrix.....: WG
Date Sampled...: 12/11/08 Date Received..: 12/12/08

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8351456						
Silver	ND	5.0	ug/L	SW846 6010B	12/16-01/01/09	K4MVQ1AD
		Dilution Factor: 1		Analysis Time..: 02:32	Analyst ID.....: 400491	
		Instrument ID..: TRACEICP		MS Run #.....: 8351266	MDL.....: 0.54	
Aluminum	**306**	**200**	**ug/L**	**SW846 6010B**	**12/16-01/01/09**	**K4MVQ1AE**
		Dilution Factor: 1		Analysis Time..: 02:32	Analyst ID.....: 400491	
		Instrument ID..: TRACEICP		MS Run #.....: 8351266	MDL.....: 16.2	
Arsenic	**2.2 B J**	**10.0**	**ug/L**	**SW846 6010B**	**12/16-01/01/09**	**K4MVQ1AF**
		Dilution Factor: 1		Analysis Time..: 02:32	Analyst ID.....: 400491	
		Instrument ID..: TRACEICP		MS Run #.....: 8351266	MDL.....: 2.0	
Barium	**36.1 B J**	**200**	**ug/L**	**SW846 6010B**	**12/16-01/01/09**	**K4MVQ1AG**
		Dilution Factor: 1		Analysis Time..: 02:32	Analyst ID.....: 400491	
		Instrument ID..: TRACEICP		MS Run #.....: 8351266	MDL.....: 0.26	
Beryllium	ND	4.0	ug/L	SW846 6010B	12/16-01/01/09	K4MVQ1AH
		Dilution Factor: 1		Analysis Time..: 02:32	Analyst ID.....: 400491	
		Instrument ID..: TRACEICP		MS Run #.....: 8351266	MDL.....: 0.18	
Calcium	**61000 J**	**5000**	**ug/L**	**SW846 6010B**	**12/16-01/01/09**	**K4MVQ1AJ**
		Dilution Factor: 1		Analysis Time..: 02:32	Analyst ID.....: 400491	
		Instrument ID..: TRACEICP		MS Run #.....: 8351266	MDL.....: 17.7	
Cadmium	ND	5.0	ug/L	SW846 6010B	12/16-01/01/09	K4MVQ1AK
		Dilution Factor: 1		Analysis Time..: 02:32	Analyst ID.....: 400491	
		Instrument ID..: TRACEICP		MS Run #.....: 8351266	MDL.....: 0.21	
Cobalt	ND	50.0	ug/L	SW846 6010B	12/16-01/01/09	K4MVQ1AL
		Dilution Factor: 1		Analysis Time..: 02:32	Analyst ID.....: 400491	
		Instrument ID..: TRACEICP		MS Run #.....: 8351266	MDL.....: 0.45	
Chromium	ND	5.0	ug/L	SW846 6010B	12/16-01/01/09	K4MVQ1AM
		Dilution Factor: 1		Analysis Time..: 02:32	Analyst ID.....: 400491	
		Instrument ID..: TRACEICP		MS Run #.....: 8351266	MDL.....: 1.1	

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AECOM, Inc

Client Sample ID: MW-14D

TOTAL Metals

Lot-Sample #...: C8L120342-002 Matrix.....: WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Copper	ND	25.0	ug/L	SW846 6010B	12/16-01/01/09	K4MVQ1AN
		Dilution Factor: 1		Analysis Time..: 02:32	Analyst ID.....: 400491	
		Instrument ID..: TRACEICP		MS Run #.....: 8351266	MDL.....: 4.6	
Iron	614	100	ug/L	SW846 6010B	12/16-01/01/09	K4MVQ1AP
		Dilution Factor: 1		Analysis Time..: 02:32	Analyst ID.....: 400491	
		Instrument ID..: TRACEICP		MS Run #.....: 8351266	MDL.....: 8.4	
Potassium	4470 ~~B~~ J	5000	ug/L	SW846 6010B	12/16-01/01/09	K4MVQ1AQ
		Dilution Factor: 1		Analysis Time..: 02:32	Analyst ID.....: 400491	
		Instrument ID..: TRACEICP		MS Run #.....: 8351266	MDL.....: 750	
Magnesium	10800	5000	ug/L	SW846 6010B	12/16-01/01/09	K4MVQ1AR
		Dilution Factor: 1		Analysis Time..: 02:32	Analyst ID.....: 400491	
		Instrument ID..: TRACEICP		MS Run #.....: 8351266	MDL.....: 21.8	
Manganese	254	15.0	ug/L	SW846 6010B	12/16-01/01/09	K4MVQ1AT
		Dilution Factor: 1		Analysis Time..: 02:32	Analyst ID.....: 400491	
		Instrument ID..: TRACEICP		MS Run #.....: 8351266	MDL.....: 0.57	
Sodium	53900	5000	ug/L	SW846 6010B	12/16-01/01/09	K4MVQ1AU
		Dilution Factor: 1		Analysis Time..: 02:32	Analyst ID.....: 400491	
		Instrument ID..: TRACEICP		MS Run #.....: 8351266	MDL.....: 145	
Nickel	7.2 ~~B~~ J	40.0	ug/L	SW846 6010B	12/16-01/01/09	K4MVQ1AV
		Dilution Factor: 1		Analysis Time..: 02:32	Analyst ID.....: 400491	
		Instrument ID..: TRACEICP		MS Run #.....: 8351266	MDL.....: 0.78	
Lead	ND	3.0	ug/L	SW846 6010B	12/16-01/01/09	K4MVQ1AW
		Dilution Factor: 1		Analysis Time..: 02:32	Analyst ID.....: 400491	
		Instrument ID..: TRACEICP		MS Run #.....: 8351266	MDL.....: 1.7	
Selenium	ND	5.0	ug/L	SW846 6010B	12/16-01/01/09	K4MVQ1AX
		Dilution Factor: 1		Analysis Time..: 02:32	Analyst ID.....: 400491	
		Instrument ID..: TRACEICP		MS Run #.....: 8351266	MDL.....: 2.9	
Thallium	ND	10.0	ug/L	SW846 6010B	12/16-01/01/09	K4MVQ1A0
		Dilution Factor: 1		Analysis Time..: 02:32	Analyst ID.....: 400491	
		Instrument ID..: TRACEICP		MS Run #.....: 8351266	MDL.....: 2.8	

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AECOM, Inc

Client Sample ID: MW-14D

TOTAL Metals

Lot-Sample #...: C8L120342-002 Matrix.....: WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	ND	10.0	ug/L	SW846 6010B	12/16-01/01/09	K4MVQ1A1
		Dilution Factor: 1		Analysis Time..: 02:32	Analyst ID.....: 400491	
		Instrument ID..: TRACEICP		MS Run #.....: 8351266	MDL.....: 1.8	
Vanadium	ND	50.0	ug/L	SW846 6010B	12/16-01/01/09	K4MVQ1A2
		Dilution Factor: 1		Analysis Time..: 02:32	Analyst ID.....: 400491	
		Instrument ID..: TRACEICP		MS Run #.....: 8351266	MDL.....: 2.4	
Zinc	~~14.8 B,J~~ 20.0 U	**20.0**	**ug/L**	**SW846 6010B**	**12/16-01/01/09**	**K4MVQ1A3**
		Dilution Factor: 1		Analysis Time..: 02:32	Analyst ID.....: 400491	
		Instrument ID..: TRACEICP		MS Run #.....: 8351266	MDL.....: 3.1	
Prep Batch #...: 8365023						
Mercury	ND	0.20	ug/L	SW846 7470A	12/30/08	K4MVQ1A4
		Dilution Factor: 1		Analysis Time..: 10:26	Analyst ID.....: 031043	
		Instrument ID..: HGHYDRA		MS Run #.....: 8365013	MDL.....: 0.016	

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.

AECOM, Inc

Client Sample ID: MW-14

TOTAL Metals

Lot-Sample #...: C8L120342-003 Matrix.....: WG
Date Sampled...: 12/11/08 Date Received..: 12/12/08

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8351456						
Silver	ND	5.0	ug/L	SW846 6010B	12/16-01/01/09	K4MVR1AK
		Dilution Factor: 1		Analysis Time..: 03:05	Analyst ID.....: 400491	
		Instrument ID..: TRACEICP		MS Run #.....: 8351266	MDL.....: 0.54	
Aluminum	**35.2 B J**	**200**	**ug/L**	**SW846 6010B**	**12/16-01/01/09**	**K4MVR1AL**
		Dilution Factor: 1		Analysis Time..: 03:05	Analyst ID.....: 400491	
		Instrument ID..: TRACEICP		MS Run #.....: 8351266	MDL.....: 16.2	
Arsenic	**11.0**	**10.0**	**ug/L**	**SW846 6010B**	**12/16-01/01/09**	**K4MVR1AM**
		Dilution Factor: 1		Analysis Time..: 03:05	Analyst ID.....: 400491	
		Instrument ID..: TRACEICP		MS Run #.....: 8351266	MDL.....: 2.0	
Barium	**164 B J**	**200**	**ug/L**	**SW846 6010B**	**12/16-01/01/09**	**K4MVR1AN**
		Dilution Factor: 1		Analysis Time..: 03:05	Analyst ID.....: 400491	
		Instrument ID..: TRACEICP		MS Run #.....: 8351266	MDL.....: 0.26	
Beryllium	ND	4.0	ug/L	SW846 6010B	12/16-01/01/09	K4MVR1AP
		Dilution Factor: 1		Analysis Time..: 03:05	Analyst ID.....: 400491	
		Instrument ID..: TRACEICP		MS Run #.....: 8351266	MDL.....: 0.18	
Calcium	**122000 J**	**5000**	**ug/L**	**SW846 6010B**	**12/16-01/01/09**	**K4MVR1AQ**
		Dilution Factor: 1		Analysis Time..: 03:05	Analyst ID.....: 400491	
		Instrument ID..: TRACEICP		MS Run #.....: 8351266	MDL.....: 17.7	
Cadmium	ND	5.0	ug/L	SW846 6010B	12/16-01/01/09	K4MVR1AR
		Dilution Factor: 1		Analysis Time..: 03:05	Analyst ID.....: 400491	
		Instrument ID..: TRACEICP		MS Run #.....: 8351266	MDL.....: 0.21	
Cobalt	ND UJ	50.0	ug/L	SW846 6010B	12/16-01/01/09	K4MVR1AT
		Dilution Factor: 1		Analysis Time..: 03:05	Analyst ID.....: 400491	
		Instrument ID..: TRACEICP		MS Run #.....: 8351266	MDL.....: 0.45	
Chromium	ND	5.0	ug/L	SW846 6010B	12/16-01/01/09	K4MVR1AU
		Dilution Factor: 1		Analysis Time..: 03:05	Analyst ID.....: 400491	
		Instrument ID..: TRACEICP		MS Run #.....: 8351266	MDL.....: 1.1	

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AECOM, Inc

Client Sample ID: MW-14

TOTAL Metals

Lot-Sample #...: C8L120342-003 Matrix.....: WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Copper	ND	25.0	ug/L	SW846 6010B	12/16-01/01/09	K4MVR1AV
		Dilution Factor: 1		Analysis Time..: 03:05	Analyst ID.....: 400491	
		Instrument ID..: TRACEICP		MS Run #.....: 8351266	MDL.....: 4.6	
Iron	14700	100	ug/L	SW846 6010B	12/16-01/01/09	K4MVR1AW
		Dilution Factor: 1		Analysis Time..: 03:05	Analyst ID.....: 400491	
		Instrument ID..: TRACEICP		MS Run #.....: 8351266	MDL.....: 8.4	
Potassium	5400	5000	ug/L	SW846 6010B	12/16-01/01/09	K4MVR1AX
		Dilution Factor: 1		Analysis Time..: 03:05	Analyst ID.....: 400491	
		Instrument ID..: TRACEICP		MS Run #.....: 8351266	MDL.....: 750	
Magnesium	14400	5000	ug/L	SW846 6010B	12/16-01/01/09	K4MVR1A0
		Dilution Factor: 1		Analysis Time..: 03:05	Analyst ID.....: 400491	
		Instrument ID..: TRACEICP		MS Run #.....: 8351266	MDL.....: 21.8	
Manganese	1300	15.0	ug/L	SW846 6010B	12/16-01/01/09	K4MVR1A1
		Dilution Factor: 1		Analysis Time..: 03:05	Analyst ID.....: 400491	
		Instrument ID..: TRACEICP		MS Run #.....: 8351266	MDL.....: 0.57	
Sodium	287000	5000	ug/L	SW846 6010B	12/16-01/01/09	K4MVR1A2
		Dilution Factor: 1		Analysis Time..: 03:05	Analyst ID.....: 400491	
		Instrument ID..: TRACEICP		MS Run #.....: 8351266	MDL.....: 145	
Nickel	ND	40.0	ug/L	SW846 6010B	12/16-01/01/09	K4MVR1A3
		Dilution Factor: 1		Analysis Time..: 03:05	Analyst ID.....: 400491	
		Instrument ID..: TRACEICP		MS Run #.....: 8351266	MDL.....: 0.78	
Lead	ND	3.0	ug/L	SW846 6010B	12/16-01/01/09	K4MVR1A4
		Dilution Factor: 1		Analysis Time..: 03:05	Analyst ID.....: 400491	
		Instrument ID..: TRACEICP		MS Run #.....: 8351266	MDL.....: 1.7	
Selenium	4.5 B J	5.0	ug/L	SW846 6010B	12/16-01/01/09	K4MVR1A5
		Dilution Factor: 1		Analysis Time..: 03:05	Analyst ID.....: 400491	
		Instrument ID..: TRACEICP		MS Run #.....: 8351266	MDL.....: 2.9	
Thallium	ND	10.0	ug/L	SW846 6010B	12/16-01/01/09	K4MVR1AA
		Dilution Factor: 1		Analysis Time..: 03:05	Analyst ID.....: 400491	
		Instrument ID..: TRACEICP		MS Run #.....: 8351266	MDL.....: 2.8	

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AECOM, Inc

Client Sample ID: MW-14

TOTAL Metals

Lot-Sample #...: C8L120342-003 Matrix.....: WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	1.8 B J	10.0	ug/L	SW846 6010B	12/16-01/01/09	K4MVR1AC
		Dilution Factor: 1		Analysis Time..: 03:05	Analyst ID.....: 400491	
		Instrument ID..: TRACEICP		MS Run #.....: 8351266	MDL.....: 1.8	
Vanadium	ND	50.0	ug/L	SW846 6010B	12/16-01/01/09	K4MVR1AD
		Dilution Factor: 1		Analysis Time..: 03:05	Analyst ID.....: 400491	
		Instrument ID..: TRACEICP		MS Run #.....: 8351266	MDL.....: 2.4	
Zinc	~~4.9 B,J~~ J=2.0 U	20.0	ug/L	SW846 6010B	12/16-01/01/09	K4MVR1AE
		Dilution Factor: 1		Analysis Time..: 03:05	Analyst ID.....: 400491	
		Instrument ID..: TRACEICP		MS Run #.....: 8351266	MDL.....: 3.1	
Prep Batch #...: 8365023						
Mercury	ND	0.20	ug/L	SW846 7470A	12/30/08	K4MVR1AF
		Dilution Factor: 1		Analysis Time..: 10:28	Analyst ID.....: 031043	
		Instrument ID..: HGHYDRA		MS Run #.....: 8365013	MDL.....: 0.016	

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.

AECOM, Inc

Client Sample ID: MW-1400

TOTAL Metals

Lot-Sample #...: C8L120342-004 Matrix.....: WG
Date Sampled...: 12/11/08 Date Received..: 12/12/08

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8351456						
Silver	ND	5.0	ug/L	SW846 6010B	12/16-01/01/09	K4MVT1AK
		Dilution Factor: 1		Analysis Time..: 03:10	Analyst ID.....: 400491	
		Instrument ID..: TRACEICP		MS Run #.....: 8351266	MDL.....: 0.54	
Aluminum	**31.0 B J**	**200**	**ug/L**	**SW846 6010B**	**12/16-01/01/09**	**K4MVT1AL**
		Dilution Factor: 1		Analysis Time..: 03:10	Analyst ID.....: 400491	
		Instrument ID..: TRACEICP		MS Run #.....: 8351266	MDL.....: 16.2	
Arsenic	**9.9 B J**	**10.0**	**ug/L**	**SW846 6010B**	**12/16-01/01/09**	**K4MVT1AM**
		Dilution Factor: 1		Analysis Time..: 03:10	Analyst ID.....: 400491	
		Instrument ID..: TRACEICP		MS Run #.....: 8351266	MDL.....: 2.0	
Barium	**166 B J**	**200**	**ug/L**	**SW846 6010B**	**12/16-01/01/09**	**K4MVT1AN**
		Dilution Factor: 1		Analysis Time..: 03:10	Analyst ID.....: 400491	
		Instrument ID..: TRACEICP		MS Run #.....: 8351266	MDL.....: 0.26	
Beryllium	ND	4.0	ug/L	SW846 6010B	12/16-01/01/09	K4MVT1AP
		Dilution Factor: 1		Analysis Time..: 03:10	Analyst ID.....: 400491	
		Instrument ID..: TRACEICP		MS Run #.....: 8351266	MDL.....: 0.18	
Calcium	**121000 J**	**5000**	**ug/L**	**SW846 6010B**	**12/16-01/01/09**	**K4MVT1AQ**
		Dilution Factor: 1		Analysis Time..: 03:10	Analyst ID.....: 400491	
		Instrument ID..: TRACEICP		MS Run #.....: 8351266	MDL.....: 17.7	
Cadmium	ND	5.0	ug/L	SW846 6010B	12/16-01/01/09	K4MVT1AR
		Dilution Factor: 1		Analysis Time..: 03:10	Analyst ID.....: 400491	
		Instrument ID..: TRACEICP		MS Run #.....: 8351266	MDL.....: 0.21	
Cobalt	ND UJ	50.0	ug/L	SW846 6010B	12/16-01/01/09	K4MVT1AT
		Dilution Factor: 1		Analysis Time..: 03:10	Analyst ID.....: 400491	
		Instrument ID..: TRACEICP		MS Run #.....: 8351266	MDL.....: 0.45	
Chromium	ND	5.0	ug/L	SW846 6010B	12/16-01/01/09	K4MVT1AU
		Dilution Factor: 1		Analysis Time..: 03:10	Analyst ID.....: 400491	
		Instrument ID..: TRACEICP		MS Run #.....: 8351266	MDL.....: 1.1	

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AECOM, Inc

Client Sample ID: MW-1400

TOTAL Metals

Lot-Sample #...: C8L120342-004 Matrix.....: WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Copper	ND	25.0	ug/L	SW846 6010B	12/16-01/01/09	K4MVT1AV
		Dilution Factor: 1		Analysis Time..: 03:10	Analyst ID.....: 400491	
		Instrument ID..: TRACEICP		MS Run #.....: 8351266	MDL.....: 4.6	
Iron	14800	100	ug/L	SW846 6010B	12/16-01/01/09	K4MVT1AW
		Dilution Factor: 1		Analysis Time..: 03:10	Analyst ID.....: 400491	
		Instrument ID..: TRACEICP		MS Run #.....: 8351266	MDL.....: 8.4	
Potassium	5410	5000	ug/L	SW846 6010B	12/16-01/01/09	K4MVT1AX
		Dilution Factor: 1		Analysis Time..: 03:10	Analyst ID.....: 400491	
		Instrument ID..: TRACEICP		MS Run #.....: 8351266	MDL.....: 750	
Magnesium	14300	5000	ug/L	SW846 6010B	12/16-01/01/09	K4MVT1A0
		Dilution Factor: 1		Analysis Time..: 03:10	Analyst ID.....: 400491	
		Instrument ID..: TRACEICP		MS Run #.....: 8351266	MDL.....: 21.8	
Manganese	1290	15.0	ug/L	SW846 6010B	12/16-01/01/09	K4MVT1A1
		Dilution Factor: 1		Analysis Time..: 03:10	Analyst ID.....: 400491	
		Instrument ID..: TRACEICP		MS Run #.....: 8351266	MDL.....: 0.57	
Sodium	288000	5000	ug/L	SW846 6010B	12/16-01/01/09	K4MVT1A2
		Dilution Factor: 1		Analysis Time..: 03:10	Analyst ID.....: 400491	
		Instrument ID..: TRACEICP		MS Run #.....: 8351266	MDL.....: 145	
Nickel	ND	40.0	ug/L	SW846 6010B	12/16-01/01/09	K4MVT1A3
		Dilution Factor: 1		Analysis Time..: 03:10	Analyst ID.....: 400491	
		Instrument ID..: TRACEICP		MS Run #.....: 8351266	MDL.....: 0.78	
Lead	ND	3.0	ug/L	SW846 6010B	12/16-01/01/09	K4MVT1A4
		Dilution Factor: 1		Analysis Time..: 03:10	Analyst ID.....: 400491	
		Instrument ID..: TRACEICP		MS Run #.....: 8351266	MDL.....: 1.7	
Selenium	ND	5.0	ug/L	SW846 6010B	12/16-01/01/09	K4MVT1A5
		Dilution Factor: 1		Analysis Time..: 03:10	Analyst ID.....: 400491	
		Instrument ID..: TRACEICP		MS Run #.....: 8351266	MDL.....: 2.9	
Thallium	ND	10.0	ug/L	SW846 6010B	12/16-01/01/09	K4MVT1AA
		Dilution Factor: 1		Analysis Time..: 03:10	Analyst ID.....: 400491	
		Instrument ID..: TRACEICP		MS Run #.....: 8351266	MDL.....: 2.8	

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AECOM, Inc

Client Sample ID: MW-1400

TOTAL Metals

Lot-Sample #...: C8L120342-004 Matrix.....: WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	ND	10.0	ug/L	SW846 6010B	12/16-01/01/09	K4MVT1AC
		Dilution Factor: 1		Analysis Time..: 03:10	Analyst ID.....: 400491	
		Instrument ID..: TRACEICP		MS Run #.....: 8351266	MDL.....: 1.8	
Vanadium	ND	50.0	ug/L	SW846 6010B	12/16-01/01/09	K4MVT1AD
		Dilution Factor: 1		Analysis Time..: 03:10	Analyst ID.....: 400491	
		Instrument ID..: TRACEICP		MS Run #.....: 8351266	MDL.....: 2.4	
Zinc	~~3.9 B,J~~ 10.0 U	20.0	ug/L	SW846 6010B	12/16-01/01/09	K4MVT1AE
		Dilution Factor: 1		Analysis Time..: 03:10	Analyst ID.....: 400491	
		Instrument ID..: TRACEICP		MS Run #.....: 8351266	MDL.....: 3.1	
Prep Batch #...: 8365023						
Mercury	ND	0.20	ug/L	SW846 7470A	12/30/08	K4MVT1AF
		Dilution Factor: 1		Analysis Time..: 10:29	Analyst ID.....: 031043	
		Instrument ID..: HGHYDRA		MS Run #.....: 8365013	MDL.....: 0.016	

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.

AECOM, Inc

Client Sample ID: MW-8

TOTAL Metals

Lot-Sample #...: C8L120342-005 Matrix.....: WG
Date Sampled...: 12/11/08 Date Received..: 12/12/08

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8351456						
Silver	ND	5.0	ug/L	SW846 6010B	12/16-01/01/09	K4MVX1AK
		Dilution Factor: 1		Analysis Time..: 03:16	Analyst ID.....: 400491	
		Instrument ID..: TRACEICP		MS Run #.....: 8351266	MDL.....: 0.54	
Aluminum	**2770**	**200**	**ug/L**	**SW846 6010B**	**12/16-01/01/09**	**K4MVX1AL**
		Dilution Factor: 1		Analysis Time..: 03:16	Analyst ID.....: 400491	
		Instrument ID..: TRACEICP		MS Run #.....: 8351266	MDL.....: 16.2	
Arsenic	**16.2**	**10.0**	**ug/L**	**SW846 6010B**	**12/16-01/01/09**	**K4MVX1AM**
		Dilution Factor: 1		Analysis Time..: 03:16	Analyst ID.....: 400491	
		Instrument ID..: TRACEICP		MS Run #.....: 8351266	MDL.....: 2.0	
Barium	**131 B J**	**200**	**ug/L**	**SW846 6010B**	**12/16-01/01/09**	**K4MVX1AN**
		Dilution Factor: 1		Analysis Time..: 03:16	Analyst ID.....: 400491	
		Instrument ID..: TRACEICP		MS Run #.....: 8351266	MDL.....: 0.26	
Beryllium	ND	4.0	ug/L	SW846 6010B	12/16-01/01/09	K4MVX1AP
		Dilution Factor: 1		Analysis Time..: 03:16	Analyst ID.....: 400491	
		Instrument ID..: TRACEICP		MS Run #.....: 8351266	MDL.....: 0.18	
Calcium	**144000 J**	**5000**	**ug/L**	**SW846 6010B**	**12/16-01/01/09**	**K4MVX1AQ**
		Dilution Factor: 1		Analysis Time..: 03:16	Analyst ID.....: 400491	
		Instrument ID..: TRACEICP		MS Run #.....: 8351266	MDL.....: 17.7	
Cadmium	ND	5.0	ug/L	SW846 6010B	12/16-01/01/09	K4MVX1AR
		Dilution Factor: 1		Analysis Time..: 03:16	Analyst ID.....: 400491	
		Instrument ID..: TRACEICP		MS Run #.....: 8351266	MDL.....: 0.21	
Cobalt	**1.7 B J**	**50.0**	**ug/L**	**SW846 6010B**	**12/16-01/01/09**	**K4MVX1AT**
		Dilution Factor: 1		Analysis Time..: 03:16	Analyst ID.....: 400491	
		Instrument ID..: TRACEICP		MS Run #.....: 8351266	MDL.....: 0.45	
Chromium	**4.8 B J**	**5.0**	**ug/L**	**SW846 6010B**	**12/16-01/01/09**	**K4MVX1AU**
		Dilution Factor: 1		Analysis Time..: 03:16	Analyst ID.....: 400491	
		Instrument ID..: TRACEICP		MS Run #.....: 8351266	MDL.....: 1.1	

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AECOM, Inc

Client Sample ID: MW-8

TOTAL Metals

Lot-Sample #...: C8L120342-005 Matrix.....: WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Copper	5.5 B J	25.0	ug/L	SW846 6010B	12/16-01/01/09	K4MVX1AV
		Dilution Factor: 1		Analysis Time..: 03:16	Analyst ID.....: 400491	
		Instrument ID..: TRACEICP		MS Run #.....: 8351266	MDL.....: 4.6	
Iron	5050	100	ug/L	SW846 6010B	12/16-01/01/09	K4MVX1AW
		Dilution Factor: 1		Analysis Time..: 03:16	Analyst ID.....: 400491	
		Instrument ID..: TRACEICP		MS Run #.....: 8351266	MDL.....: 8.4	
Potassium	25600	5000	ug/L	SW846 6010B	12/16-01/01/09	K4MVX1AX
		Dilution Factor: 1		Analysis Time..: 03:16	Analyst ID.....: 400491	
		Instrument ID..: TRACEICP		MS Run #.....: 8351266	MDL.....: 750	
Magnesium	46500	5000	ug/L	SW846 6010B	12/16-01/01/09	K4MVX1A0
		Dilution Factor: 1		Analysis Time..: 03:16	Analyst ID.....: 400491	
		Instrument ID..: TRACEICP		MS Run #.....: 8351266	MDL.....: 21.8	
Manganese	588	15.0	ug/L	SW846 6010B	12/16-01/01/09	K4MVX1A1
		Dilution Factor: 1		Analysis Time..: 03:16	Analyst ID.....: 400491	
		Instrument ID..: TRACEICP		MS Run #.....: 8351266	MDL.....: 0.57	
Sodium	783000	25000	ug/L	SW846 6010B	12/16-01/02/09	K4MVX1A2
		Dilution Factor: 5		Analysis Time..: 14:22	Analyst ID.....: 400491	
		Instrument ID..: TRACEICP		MS Run #.....: 8351266	MDL.....: 726	
Nickel	4.6 B J	40.0	ug/L	SW846 6010B	12/16-01/01/09	K4MVX1A3
		Dilution Factor: 1		Analysis Time..: 03:16	Analyst ID.....: 400491	
		Instrument ID..: TRACEICP		MS Run #.....: 8351266	MDL.....: 0.78	
Lead	3.3	3.0	ug/L	SW846 6010B	12/16-01/01/09	K4MVX1A4
		Dilution Factor: 1		Analysis Time..: 03:16	Analyst ID.....: 400491	
		Instrument ID..: TRACEICP		MS Run #.....: 8351266	MDL.....: 1.7	
Selenium	ND	5.0	ug/L	SW846 6010B	12/16-01/01/09	K4MVX1A5
		Dilution Factor: 1		Analysis Time..: 03:16	Analyst ID.....: 400491	
		Instrument ID..: TRACEICP		MS Run #.....: 8351266	MDL.....: 2.9	
Thallium	ND	10.0	ug/L	SW846 6010B	12/16-01/01/09	K4MVX1AA
		Dilution Factor: 1		Analysis Time..: 03:16	Analyst ID.....: 400491	
		Instrument ID..: TRACEICP		MS Run #.....: 8351266	MDL.....: 2.8	

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AECOM, Inc

Client Sample ID: MW-8

TOTAL Metals

Lot-Sample #...: C8L120342-005 Matrix.....: WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	ND	10.0	ug/L	SW846 6010B	12/16-01/01/09	K4MVX1AC
		Dilution Factor: 1		Analysis Time..: 03:16	Analyst ID.....: 400491	
		Instrument ID..: TRACEICP		MS Run #.....: 8351266	MDL.....: 1.8	
Vanadium	**21.0 B** J	**50.0**	**ug/L**	**SW846 6010B**	**12/16-01/01/09**	**K4MVX1AD**
		Dilution Factor: 1		Analysis Time..: 03:16	Analyst ID.....: 400491	
		Instrument ID..: TRACEICP		MS Run #.....: 8351266	MDL.....: 2.4	
Zinc	~~18.8 B,J~~ 20.0 U	**20.0**	**ug/L**	**SW846 6010B**	**12/16-01/01/09**	**K4MVX1AE**
		Dilution Factor: 1		Analysis Time..: 03:16	Analyst ID.....: 400491	
		Instrument ID..: TRACEICP		MS Run #.....: 8351266	MDL.....: 3.1	
Prep Batch #...: 8365023						
Mercury	ND	0.20	ug/L	SW846 7470A	12/30/08	K4MVX1AF
		Dilution Factor: 1		Analysis Time..: 10:31	Analyst ID.....: 031043	
		Instrument ID..: HGHYDRA		MS Run #.....: 8365013	MDL.....: 0.016	

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.

AECOM, Inc

Client Sample ID: MW-8D

TOTAL Metals

Lot-Sample #...: C8L120342-006 Matrix.....: WG
Date Sampled...: 12/11/08 Date Received..: 12/12/08

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8351456						
Silver	0.74 B J	5.0	ug/L	SW846 6010B	12/16-01/01/09	K4MV01AK
		Dilution Factor: 1		Analysis Time..: 02:10	Analyst ID.....: 400491	
		Instrument ID..: TRACEICP		MS Run #.....: 8351266	MDL.....: 0.54	
Aluminum	2040	200	ug/L	SW846 6010B	12/16-01/01/09	K4MV01AL
		Dilution Factor: 1		Analysis Time..: 02:10	Analyst ID.....: 400491	
		Instrument ID..: TRACEICP		MS Run #.....: 8351266	MDL.....: 16.2	
Arsenic	3.8 B J	10.0	ug/L	SW846 6010B	12/16-01/01/09	K4MV01AM
		Dilution Factor: 1		Analysis Time..: 02:10	Analyst ID.....: 400491	
		Instrument ID..: TRACEICP		MS Run #.....: 8351266	MDL.....: 2.0	
Barium	228	200	ug/L	SW846 6010B	12/16-01/01/09	K4MV01AN
		Dilution Factor: 1		Analysis Time..: 02:10	Analyst ID.....: 400491	
		Instrument ID..: TRACEICP		MS Run #.....: 8351266	MDL.....: 0.26	
Beryllium	ND	4.0	ug/L	SW846 6010B	12/16-01/01/09	K4MV01AP
		Dilution Factor: 1		Analysis Time..: 02:10	Analyst ID.....: 400491	
		Instrument ID..: TRACEICP		MS Run #.....: 8351266	MDL.....: 0.18	
Calcium	265000 J	5000	ug/L	SW846 6010B	12/16-01/01/09	K4MV01AQ
		Dilution Factor: 1		Analysis Time..: 02:10	Analyst ID.....: 400491	
		Instrument ID..: TRACEICP		MS Run #.....: 8351266	MDL.....: 17.7	
Cadmium	ND	5.0	ug/L	SW846 6010B	12/16-01/01/09	K4MV01AR
		Dilution Factor: 1		Analysis Time..: 02:10	Analyst ID.....: 400491	
		Instrument ID..: TRACEICP		MS Run #.....: 8351266	MDL.....: 0.21	
Cobalt	0.92 B J	50.0	ug/L	SW846 6010B	12/16-01/01/09	K4MV01AT
		Dilution Factor: 1		Analysis Time..: 02:10	Analyst ID.....: 400491	
		Instrument ID..: TRACEICP		MS Run #.....: 8351266	MDL.....: 0.45	
Chromium	6.2	5.0	ug/L	SW846 6010B	12/16-01/01/09	K4MV01AU
		Dilution Factor: 1		Analysis Time..: 02:10	Analyst ID.....: 400491	
		Instrument ID..: TRACEICP		MS Run #.....: 8351266	MDL.....: 1.1	

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AECOM, Inc

Client Sample ID: MW-8D

TOTAL Metals

Lot-Sample #...: C8L120342-006 Matrix.....: WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Copper	5.8 B J	25.0	ug/L	SW846 6010B	12/16-01/01/09	K4MV01AV
	Dilution Factor: 1	Analysis Time..: 02:10		Analyst ID.....: 400491		
	Instrument ID..: TRACEICP	MS Run #.....: 8351266		MDL.....: 4.6		
Iron	7210	100	ug/L	SW846 6010B	12/16-01/01/09	K4MV01AW
	Dilution Factor: 1	Analysis Time..: 02:10		Analyst ID.....: 400491		
	Instrument ID..: TRACEICP	MS Run #.....: 8351266		MDL.....: 8.4		
Potassium	17100	5000	ug/L	SW846 6010B	12/16-01/01/09	K4MV01AX
	Dilution Factor: 1	Analysis Time..: 02:10		Analyst ID.....: 400491		
	Instrument ID..: TRACEICP	MS Run #.....: 8351266		MDL.....: 750		
Magnesium	38200	5000	ug/L	SW846 6010B	12/16-01/01/09	K4MV01A0
	Dilution Factor: 1	Analysis Time..: 02:10		Analyst ID.....: 400491		
	Instrument ID..: TRACEICP	MS Run #.....: 8351266		MDL.....: 21.8		
Manganese	1670	15.0	ug/L	SW846 6010B	12/16-01/01/09	K4MV01A1
	Dilution Factor: 1	Analysis Time..: 02:10		Analyst ID.....: 400491		
	Instrument ID..: TRACEICP	MS Run #.....: 8351266		MDL.....: 0.57		
Sodium	149000	5000	ug/L	SW846 6010B	12/16-01/01/09	K4MV01A2
	Dilution Factor: 1	Analysis Time..: 02:10		Analyst ID.....: 400491		
	Instrument ID..: TRACEICP	MS Run #.....: 8351266		MDL.....: 145		
Nickel	4.4 B J	40.0	ug/L	SW846 6010B	12/16-01/01/09	K4MV01A3
	Dilution Factor: 1	Analysis Time..: 02:10		Analyst ID.....: 400491		
	Instrument ID..: TRACEICP	MS Run #.....: 8351266		MDL.....: 0.78		
Lead	2.4 B J	3.0	ug/L	SW846 6010B	12/16-01/01/09	K4MV01A4
	Dilution Factor: 1	Analysis Time..: 02:10		Analyst ID.....: 400491		
	Instrument ID..: TRACEICP	MS Run #.....: 8351266		MDL.....: 1.7		
Selenium	ND	5.0	ug/L	SW846 6010B	12/16-01/01/09	K4MV01A5
	Dilution Factor: 1	Analysis Time..: 02:10		Analyst ID.....: 400491		
	Instrument ID..: TRACEICP	MS Run #.....: 8351266		MDL.....: 2.9		
Thallium	ND	10.0	ug/L	SW846 6010B	12/16-01/01/09	K4MV01AA
	Dilution Factor: 1	Analysis Time..: 02:10		Analyst ID.....: 400491		
	Instrument ID..: TRACEICP	MS Run #.....: 8351266		MDL.....: 2.8		

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AECOM, Inc

Client Sample ID: MW-8D

TOTAL Metals

Lot-Sample #...: C8L120342-006 Matrix.....: WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	ND	10.0	ug/L	SW846 6010B	12/16-01/01/09	K4MV01AC
		Dilution Factor: 1		Analysis Time..: 02:10	Analyst ID.....: 400491	
		Instrument ID..: TRACEICP		MS Run #.....: 8351266	MDL.....: 1.8	
Vanadium	7.9 ~~B~~ J	**50.0**	**ug/L**	**SW846 6010B**	**12/16-01/01/09**	**K4MV01AD**
		Dilution Factor: 1		Analysis Time..: 02:10	Analyst ID.....: 400491	
		Instrument ID..: TRACEICP		MS Run #.....: 8351266	MDL.....: 2.4	
Zinc	~~15.2 B,J~~ 20.0 U	**20.0**	**ug/L**	**SW846 6010B**	**12/16-01/01/09**	**K4MV01AE**
		Dilution Factor: 1		Analysis Time..: 02:10	Analyst ID.....: 400491	
		Instrument ID..: TRACEICP		MS Run #.....: 8351266	MDL.....: 3.1	
Prep Batch #...: 8365023						
Mercury	ND	0.20	ug/L	SW846 7470A	12/30/08	K4MV01AF
		Dilution Factor: 1		Analysis Time..: 10:36	Analyst ID.....: 031043	
		Instrument ID..: HGHYDRA		MS Run #.....: 8365013	MDL.....: 0.016	

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.

AECOM, Inc

Client Sample ID: CTM-1

TOTAL Metals

Lot-Sample #...: C8L120342-007 Matrix.....: WG
Date Sampled...: 12/11/08 Date Received..: 12/12/08

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8351456						
Silver	0.61 B J	5.0	ug/L	SW846 6010B	12/16-01/01/09	K4MV11AK
		Dilution Factor: 1		Analysis Time..: 02:15	Analyst ID.....: 400491	
		Instrument ID..: TRACEICP		MS Run #.....: 8351266	MDL.....: 0.54	
Aluminum	67.8 B J	200	ug/L	SW846 6010B	12/16-01/01/09	K4MV11AL
		Dilution Factor: 1		Analysis Time..: 02:15	Analyst ID.....: 400491	
		Instrument ID..: TRACEICP		MS Run #.....: 8351266	MDL.....: 16.2	
Arsenic	8.1 B J	10.0	ug/L	SW846 6010B	12/16-01/01/09	K4MV11AM
		Dilution Factor: 1		Analysis Time..: 02:15	Analyst ID.....: 400491	
		Instrument ID..: TRACEICP		MS Run #.....: 8351266	MDL.....: 2.0	
Barium	521	200	ug/L	SW846 6010B	12/16-01/01/09	K4MV11AN
		Dilution Factor: 1		Analysis Time..: 02:15	Analyst ID.....: 400491	
		Instrument ID..: TRACEICP		MS Run #.....: 8351266	MDL.....: 0.26	
Beryllium	ND	4.0	ug/L	SW846 6010B	12/16-01/01/09	K4MV11AP
		Dilution Factor: 1		Analysis Time..: 02:15	Analyst ID.....: 400491	
		Instrument ID..: TRACEICP		MS Run #.....: 8351266	MDL.....: 0.18	
Calcium	335000 J	5000	ug/L	SW846 6010B	12/16-01/01/09	K4MV11AQ
		Dilution Factor: 1		Analysis Time..: 02:15	Analyst ID.....: 400491	
		Instrument ID..: TRACEICP		MS Run #.....: 8351266	MDL.....: 17.7	
Cadmium	0.23 B J	5.0	ug/L	SW846 6010B	12/16-01/01/09	K4MV11AR
		Dilution Factor: 1		Analysis Time..: 02:15	Analyst ID.....: 400491	
		Instrument ID..: TRACEICP		MS Run #.....: 8351266	MDL.....: 0.21	
Cobalt	ND	50.0	ug/L	SW846 6010B	12/16-01/01/09	K4MV11AT
		Dilution Factor: 1		Analysis Time..: 02:15	Analyst ID.....: 400491	
		Instrument ID..: TRACEICP		MS Run #.....: 8351266	MDL.....: 0.45	
Chromium	ND	5.0	ug/L	SW846 6010B	12/16-01/01/09	K4MV11AU
		Dilution Factor: 1		Analysis Time..: 02:15	Analyst ID.....: 400491	
		Instrument ID..: TRACEICP		MS Run #.....: 8351266	MDL.....: 1.1	

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AECOM, Inc

Client Sample ID: CTM-1

TOTAL Metals

Lot-Sample #...: C8L120342-007 Matrix.....: WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Copper	ND	25.0	ug/L	SW846 6010B	12/16-01/01/09	K4MV11AV
		Dilution Factor: 1		Analysis Time..: 02:15	Analyst ID.....: 400491	
		Instrument ID..: TRACEICP		MS Run #.....: 8351266	MDL.....: 4.6	
Iron	50100	100	ug/L	SW846 6010B	12/16-01/01/09	K4MV11AW
		Dilution Factor: 1		Analysis Time..: 02:15	Analyst ID.....: 400491	
		Instrument ID..: TRACEICP		MS Run #.....: 8351266	MDL.....: 8.4	
Potassium	20200	5000	ug/L	SW846 6010B	12/16-01/01/09	K4MV11AX
		Dilution Factor: 1		Analysis Time..: 02:15	Analyst ID.....: 400491	
		Instrument ID..: TRACEICP		MS Run #.....: 8351266	MDL.....: 750	
Magnesium	27800	5000	ug/L	SW846 6010B	12/16-01/01/09	K4MV11A0
		Dilution Factor: 1		Analysis Time..: 02:15	Analyst ID.....: 400491	
		Instrument ID..: TRACEICP		MS Run #.....: 8351266	MDL.....: 21.8	
Manganese	2540	15.0	ug/L	SW846 6010B	12/16-01/01/09	K4MV11A1
		Dilution Factor: 1		Analysis Time..: 02:15	Analyst ID.....: 400491	
		Instrument ID..: TRACEICP		MS Run #.....: 8351266	MDL.....: 0.57	
Sodium	828000	25000	ug/L	SW846 6010B	12/16-01/02/09	K4MV11A2
		Dilution Factor: 5		Analysis Time..: 14:11	Analyst ID.....: 400491	
		Instrument ID..: TRACEICP		MS Run #.....: 8351266	MDL.....: 726	
Nickel	ND	40.0	ug/L	SW846 6010B	12/16-01/01/09	K4MV11A3
		Dilution Factor: 1		Analysis Time..: 02:15	Analyst ID.....: 400491	
		Instrument ID..: TRACEICP		MS Run #.....: 8351266	MDL.....: 0.78	
Lead	ND	3.0	ug/L	SW846 6010B	12/16-01/01/09	K4MV11A4
		Dilution Factor: 1		Analysis Time..: 02:15	Analyst ID.....: 400491	
		Instrument ID..: TRACEICP		MS Run #.....: 8351266	MDL.....: 1.7	
Selenium	ND	5.0	ug/L	SW846 6010B	12/16-01/01/09	K4MV11A5
		Dilution Factor: 1		Analysis Time..: 02:15	Analyst ID.....: 400491	
		Instrument ID..: TRACEICP		MS Run #.....: 8351266	MDL.....: 2.9	
Thallium	ND	10.0	ug/L	SW846 6010B	12/16-01/01/09	K4MV11AA
		Dilution Factor: 1		Analysis Time..: 02:15	Analyst ID.....: 400491	
		Instrument ID..: TRACEICP		MS Run #.....: 8351266	MDL.....: 2.8	

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AECOM, Inc

Client Sample ID: CTM-1

TOTAL Metals

Lot-Sample #...: C8L120342-007 Matrix.....: WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	ND	10.0	ug/L	SW846 6010B	12/16-01/01/09	K4MV11AC
		Dilution Factor: 1		Analysis Time..: 02:15	Analyst ID.....: 400491	
		Instrument ID..: TRACEICP		MS Run #.....: 8351266	MDL.....: 1.8	
Vanadium	2.4 ~~B~~ J	**50.0**	**ug/L**	**SW846 6010B**	**12/16-01/01/09**	**K4MV11AD**
		Dilution Factor: 1		Analysis Time..: 02:15	Analyst ID.....: 400491	
		Instrument ID..: TRACEICP		MS Run #.....: 8351266	MDL.....: 2.4	
Zinc	~~3.7 B,J~~ 20.0 U	**20.0**	**ug/L**	**SW846 6010B**	**12/16-01/01/09**	**K4MV11AE**
		Dilution Factor: 1		Analysis Time..: 02:15	Analyst ID.....: 400491	
		Instrument ID..: TRACEICP		MS Run #.....: 8351266	MDL.....: 3.1	
Prep Batch #...: 8365023						
Mercury	ND	0.20	ug/L	SW846 7470A	12/30/08	K4MV11AF
		Dilution Factor: 1		Analysis Time..: 10:37	Analyst ID.....: 031043	
		Instrument ID..: HGHYDRA		MS Run #.....: 8365013	MDL.....: 0.016	

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.

AECOM, Inc

Client Sample ID: CTM-15

TOTAL Metals

Lot-Sample #...: C8L120342-008 Matrix.....: WG
Date Sampled...: 12/11/08 Date Received..: 12/12/08

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8351456						
Silver	ND	5.0	ug/L	SW846 6010B	12/16-01/01/09	K4MV21AK
		Dilution Factor: 1		Analysis Time..: 02:21	Analyst ID.....: 400491	
		Instrument ID..: TRACEICP		MS Run #.....: 8351266	MDL.....: 0.54	
Aluminum	**188 B J**	**200**	**ug/L**	**SW846 6010B**	**12/16-01/01/09**	**K4MV21AL**
		Dilution Factor: 1		Analysis Time..: 02:21	Analyst ID.....: 400491	
		Instrument ID..: TRACEICP		MS Run #.....: 8351266	MDL.....: 16.2	
Arsenic	**4.8 B J**	**10.0**	**ug/L**	**SW846 6010B**	**12/16-01/01/09**	**K4MV21AM**
		Dilution Factor: 1		Analysis Time..: 02:21	Analyst ID.....: 400491	
		Instrument ID..: TRACEICP		MS Run #.....: 8351266	MDL.....: 2.0	
Barium	**334**	**200**	**ug/L**	**SW846 6010B**	**12/16-01/01/09**	**K4MV21AN**
		Dilution Factor: 1		Analysis Time..: 02:21	Analyst ID.....: 400491	
		Instrument ID..: TRACEICP		MS Run #.....: 8351266	MDL.....: 0.26	
Beryllium	ND	4.0	ug/L	SW846 6010B	12/16-01/01/09	K4MV21AP
		Dilution Factor: 1		Analysis Time..: 02:21	Analyst ID.....: 400491	
		Instrument ID..: TRACEICP		MS Run #.....: 8351266	MDL.....: 0.18	
Calcium	**271000 J**	**5000**	**ug/L**	**SW846 6010B**	**12/16-01/01/09**	**K4MV21AQ**
		Dilution Factor: 1		Analysis Time..: 02:21	Analyst ID.....: 400491	
		Instrument ID..: TRACEICP		MS Run #.....: 8351266	MDL.....: 17.7	
Cadmium	ND	5.0	ug/L	SW846 6010B	12/16-01/01/09	K4MV21AR
		Dilution Factor: 1		Analysis Time..: 02:21	Analyst ID.....: 400491	
		Instrument ID..: TRACEICP		MS Run #.....: 8351266	MDL.....: 0.21	
Cobalt	ND	50.0	ug/L	SW846 6010B	12/16-01/01/09	K4MV21AT
		Dilution Factor: 1		Analysis Time..: 02:21	Analyst ID.....: 400491	
		Instrument ID..: TRACEICP		MS Run #.....: 8351266	MDL.....: 0.45	
Chromium	ND	5.0	ug/L	SW846 6010B	12/16-01/01/09	K4MV21AU
		Dilution Factor: 1		Analysis Time..: 02:21	Analyst ID.....: 400491	
		Instrument ID..: TRACEICP		MS Run #.....: 8351266	MDL.....: 1.1	

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AECOM, Inc

Client Sample ID: CTM-15

TOTAL Metals

Lot-Sample #...: C8L120342-008 Matrix.....: WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Copper	ND	25.0	ug/L	SW846 6010B	12/16-01/01/09	K4MV21AV
		Dilution Factor: 1		Analysis Time..: 02:21	Analyst ID.....: 400491	
		Instrument ID..: TRACEICP		MS Run #.....: 8351266	MDL.....: 4.6	
Iron	**3160**	**100**	**ug/L**	**SW846 6010B**	**12/16-01/01/09**	**K4MV21AW**
		Dilution Factor: 1		Analysis Time..: 02:21	Analyst ID.....: 400491	
		Instrument ID..: TRACEICP		MS Run #.....: 8351266	MDL.....: 8.4	
Potassium	**67800**	**5000**	**ug/L**	**SW846 6010B**	**12/16-01/01/09**	**K4MV21AX**
		Dilution Factor: 1		Analysis Time..: 02:21	Analyst ID.....: 400491	
		Instrument ID..: TRACEICP		MS Run #.....: 8351266	MDL.....: 750	
Magnesium	**26000**	**5000**	**ug/L**	**SW846 6010B**	**12/16-01/01/09**	**K4MV21A0**
		Dilution Factor: 1		Analysis Time..: 02:21	Analyst ID.....: 400491	
		Instrument ID..: TRACEICP		MS Run #.....: 8351266	MDL.....: 21.8	
Manganese	**496**	**15.0**	**ug/L**	**SW846 6010B**	**12/16-01/01/09**	**K4MV21A1**
		Dilution Factor: 1		Analysis Time..: 02:21	Analyst ID.....: 400491	
		Instrument ID..: TRACEICP		MS Run #.....: 8351266	MDL.....: 0.57	
Sodium	**1070000**	**25000**	**ug/L**	**SW846 6010B**	**12/16-01/02/09**	**K4MV21A2**
		Dilution Factor: 5		Analysis Time..: 14:17	Analyst ID.....: 400491	
		Instrument ID..: TRACEICP		MS Run #.....: 8351266	MDL.....: 726	
Nickel	**0.87 B J**	**40.0**	**ug/L**	**SW846 6010B**	**12/16-01/01/09**	**K4MV21A3**
		Dilution Factor: 1		Analysis Time..: 02:21	Analyst ID.....: 400491	
		Instrument ID..: TRACEICP		MS Run #.....: 8351266	MDL.....: 0.78	
Lead	ND	3.0	ug/L	SW846 6010B	12/16-01/01/09	K4MV21A4
		Dilution Factor: 1		Analysis Time..: 02:21	Analyst ID.....: 400491	
		Instrument ID..: TRACEICP		MS Run #.....: 8351266	MDL.....: 1.7	
Selenium	ND	5.0	ug/L	SW846 6010B	12/16-01/01/09	K4MV21A5
		Dilution Factor: 1		Analysis Time..: 02:21	Analyst ID.....: 400491	
		Instrument ID..: TRACEICP		MS Run #.....: 8351266	MDL.....: 2.9	
Thallium	ND	10.0	ug/L	SW846 6010B	12/16-01/01/09	K4MV21AA
		Dilution Factor: 1		Analysis Time..: 02:21	Analyst ID.....: 400491	
		Instrument ID..: TRACEICP		MS Run #.....: 8351266	MDL.....: 2.8	

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AECOM, Inc

Client Sample ID: CTM-15

TOTAL Metals

Lot-Sample #...: C8L120342-008 Matrix.....: WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	ND	10.0	ug/L	SW846 6010B	12/16-01/01/09	K4MV21AC
		Dilution Factor: 1		Analysis Time..: 02:21	Analyst ID.....: 400491	
		Instrument ID..: TRACEICP		MS Run #.....: 8351266	MDL.....: 1.8	
Vanadium	ND	50.0	ug/L	SW846 6010B	12/16-01/01/09	K4MV21AD
		Dilution Factor: 1		Analysis Time..: 02:21	Analyst ID.....: 400491	
		Instrument ID..: TRACEICP		MS Run #.....: 8351266	MDL.....: 2.4	
Zinc	~~5.3 B,J~~ 20.0 U	**20.0**	**ug/L**	**SW846 6010B**	**12/16-01/01/09**	**K4MV21AE**
		Dilution Factor: 1		Analysis Time..: 02:21	Analyst ID.....: 400491	
		Instrument ID..: TRACEICP		MS Run #.....: 8351266	MDL.....: 3.1	
Prep Batch #...: 8365023						
Mercury	ND	0.20	ug/L	SW846 7470A	12/30/08	K4MV21AF
		Dilution Factor: 1		Analysis Time..: 10:39	Analyst ID.....: 031043	
		Instrument ID..: HGHYDRA		MS Run #.....: 8365013	MDL.....: 0.016	

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.

AECOM, Inc

Client Sample ID: MW-15D

TOTAL Metals

Lot-Sample #...: C8L120342-009 Matrix.....: WG
Date Sampled...: 12/11/08 Date Received..: 12/12/08

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8351456						
Silver	0.69 B J	5.0	ug/L	SW846 6010B	12/16-01/01/09	K4MV31AK
		Dilution Factor: 1		Analysis Time..: 02:26	Analyst ID.....: 400491	
		Instrument ID..: TRACEICP		MS Run #.....: 8351266	MDL.....: 0.54	
Aluminum	40.6 B J	200	ug/L	SW846 6010B	12/16-01/01/09	K4MV31AL
		Dilution Factor: 1		Analysis Time..: 02:26	Analyst ID.....: 400491	
		Instrument ID..: TRACEICP		MS Run #.....: 8351266	MDL.....: 16.2	
Arsenic	ND	10.0	ug/L	SW846 6010B	12/16-01/01/09	K4MV31AM
		Dilution Factor: 1		Analysis Time..: 02:26	Analyst ID.....: 400491	
		Instrument ID..: TRACEICP		MS Run #.....: 8351266	MDL.....: 2.0	
Barium	103 B J	200	ug/L	SW846 6010B	12/16-01/01/09	K4MV31AN
		Dilution Factor: 1		Analysis Time..: 02:26	Analyst ID.....: 400491	
		Instrument ID..: TRACEICP		MS Run #.....: 8351266	MDL.....: 0.26	
Beryllium	ND	4.0	ug/L	SW846 6010B	12/16-01/01/09	K4MV31AP
		Dilution Factor: 1		Analysis Time..: 02:26	Analyst ID.....: 400491	
		Instrument ID..: TRACEICP		MS Run #.....: 8351266	MDL.....: 0.18	
Calcium	198000 J	5000	ug/L	SW846 6010B	12/16-01/01/09	K4MV31AQ
		Dilution Factor: 1		Analysis Time..: 02:26	Analyst ID.....: 400491	
		Instrument ID..: TRACEICP		MS Run #.....: 8351266	MDL.....: 17.7	
Cadmium	ND	5.0	ug/L	SW846 6010B	12/16-01/01/09	K4MV31AR
		Dilution Factor: 1		Analysis Time..: 02:26	Analyst ID.....: 400491	
		Instrument ID..: TRACEICP		MS Run #.....: 8351266	MDL.....: 0.21	
Cobalt	ND	50.0	ug/L	SW846 6010B	12/16-01/01/09	K4MV31AT
		Dilution Factor: 1		Analysis Time..: 02:26	Analyst ID.....: 400491	
		Instrument ID..: TRACEICP		MS Run #.....: 8351266	MDL.....: 0.45	
Chromium	ND	5.0	ug/L	SW846 6010B	12/16-01/01/09	K4MV31AU
		Dilution Factor: 1		Analysis Time..: 02:26	Analyst ID.....: 400491	
		Instrument ID..: TRACEICP		MS Run #.....: 8351266	MDL.....: 1.1	

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AECOM, Inc

Client Sample ID: MW-15D

TOTAL Metals

Lot-Sample #...: C8L120342-009 Matrix.....: WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Copper	ND	25.0	ug/L	SW846 6010B	12/16-01/01/09	K4MV31AV
		Dilution Factor: 1		Analysis Time..: 02:26	Analyst ID.....: 400491	
		Instrument ID..: TRACEICP		MS Run #.....: 8351266	MDL.....: 4.6	
Iron	827	100	ug/L	SW846 6010B	12/16-01/01/09	K4MV31AW
		Dilution Factor: 1		Analysis Time..: 02:26	Analyst ID.....: 400491	
		Instrument ID..: TRACEICP		MS Run #.....: 8351266	MDL.....: 8.4	
Potassium	11800	5000	ug/L	SW846 6010B	12/16-01/01/09	K4MV31AX
		Dilution Factor: 1		Analysis Time..: 02:26	Analyst ID.....: 400491	
		Instrument ID..: TRACEICP		MS Run #.....: 8351266	MDL.....: 750	
Magnesium	34800	5000	ug/L	SW846 6010B	12/16-01/01/09	K4MV31A0
		Dilution Factor: 1		Analysis Time..: 02:26	Analyst ID.....: 400491	
		Instrument ID..: TRACEICP		MS Run #.....: 8351266	MDL.....: 21.8	
Manganese	1470	15.0	ug/L	SW846 6010B	12/16-01/01/09	K4MV31A1
		Dilution Factor: 1		Analysis Time..: 02:26	Analyst ID.....: 400491	
		Instrument ID..: TRACEICP		MS Run #.....: 8351266	MDL.....: 0.57	
Sodium	146000	5000	ug/L	SW846 6010B	12/16-01/01/09	K4MV31A2
		Dilution Factor: 1		Analysis Time..: 02:26	Analyst ID.....: 400491	
		Instrument ID..: TRACEICP		MS Run #.....: 8351266	MDL.....: 145	
Nickel	2.0 B J	40.0	ug/L	SW846 6010B	12/16-01/01/09	K4MV31A3
		Dilution Factor: 1		Analysis Time..: 02:26	Analyst ID.....: 400491	
		Instrument ID..: TRACEICP		MS Run #.....: 8351266	MDL.....: 0.78	
Lead	ND	3.0	ug/L	SW846 6010B	12/16-01/01/09	K4MV31A4
		Dilution Factor: 1		Analysis Time..: 02:26	Analyst ID.....: 400491	
		Instrument ID..: TRACEICP		MS Run #.....: 8351266	MDL.....: 1.7	
Selenium	ND	5.0	ug/L	SW846 6010B	12/16-01/01/09	K4MV31A5
		Dilution Factor: 1		Analysis Time..: 02:26	Analyst ID.....: 400491	
		Instrument ID..: TRACEICP		MS Run #.....: 8351266	MDL.....: 2.9	
Thallium	ND	10.0	ug/L	SW846 6010B	12/16-01/01/09	K4MV31AA
		Dilution Factor: 1		Analysis Time..: 02:26	Analyst ID.....: 400491	
		Instrument ID..: TRACEICP		MS Run #.....: 8351266	MDL.....: 2.8	

(Continued on next page)

AECOM, Inc

Client Sample ID: MW-15D

TOTAL Metals

Lot-Sample #...: C8L120342-009 Matrix.....: WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	ND	10.0	ug/L	SW846 6010B	12/16-01/01/09	K4MV31AC
		Dilution Factor: 1		Analysis Time..: 02:26	Analyst ID.....: 400491	
		Instrument ID..: TRACEICP		MS Run #.....: 8351266	MDL.....: 1.8	
Vanadium	ND	50.0	ug/L	SW846 6010B	12/16-01/01/09	K4MV31AD
		Dilution Factor: 1		Analysis Time..: 02:26	Analyst ID.....: 400491	
		Instrument ID..: TRACEICP		MS Run #.....: 8351266	MDL.....: 2.4	
Zinc	~~6.0 B,J~~ 20.0 U	20.0	ug/L	SW846 6010B	12/16-01/01/09	K4MV31AE
		Dilution Factor: 1		Analysis Time..: 02:26	Analyst ID.....: 400491	
		Instrument ID..: TRACEICP		MS Run #.....: 8351266	MDL.....: 3.1	
Prep Batch #...: 8365023						
Mercury	ND	0.20	ug/L	SW846 7470A	12/30/08	K4MV31AF
		Dilution Factor: 1		Analysis Time..: 10:41	Analyst ID.....: 031043	
		Instrument ID..: HGHYDRA		MS Run #.....: 8365013	MDL.....: 0.016	

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.

ENSR, Schenectady RI

Cyanide, Total

Lab Name: TESTAMERICA PITTSBURGH
Client Name: ENSR International
Matrix: SOLID
Method: SW846 9012A
Lot Number: C8G160152

Distillation procedure

Client Sample ID	Sample Number	Workorder	Result	Units	Min. Detection Limit	Reporting Limit	Dilution Factor	Prep Date - Analysis Date/Time	QC Batch
TP10(29)E(8-8.5)	C8G160152 001	KRK1G1A6	0.51 B J	mg/kg	0.11	0.57	1	7/22/2008 - 7/22/2008 15:42	8204169
TP10(31)E(8-8.5)	C8G160152 002	KRK2P1A6	0.24 B J	mg/kg	0.11	0.59	1	7/22/2008 - 7/22/2008 15:42	8204169
TP11(50)E(8-8.5)	C8G160152 003	KRK2Q1A6	ND	mg/kg	0.12	0.63	1	7/22/2008 - 7/22/2008 15:42	8204169
TP12(5)W(8-8.5)	C8G160152 004	KRK2R1A	42.1	mg/kg	1.3	6.6	10	7/22/2008 - 7/22/2008 16:07	8204169
TP12(17)W(10.5-11)	C8G160152 005	KRK2T1AH	0.40 B J	mg/kg	0.12	0.62	1	7/22/2008 - 7/22/2008 15:50	8204169

B Estimated result. Result is less than RL.

ENSR, Schenectady RI

Percent Solids

Lab Name:	TESTAMERICA PITTSBURGH	**Method:**	SM20 2540G
Client Name:	ENSR International	**Lot Number:**	C8G160152
Matrix:	SOLID		

NO SAMPLE PREPARATION PERFORMED / DIRECT INJECTION

Client Sample ID	Sample Number	Workorder	Result	Units	Min. Detection Limit	Reporting Limit	Dilution Factor	Prep Date - Analysis Date/Time	QC Batch
TP10(29)E(8-8.5)	C8G160152 001	KRK1G1AA	87.6	%	0.0	1.0	1	7/22/2008 - 7/23/2008 05:20	8204028
TP10(31)E(8-8.5)	C8G160152 002	KRK2P1AH	85.0	%	0.0	1.0	1	7/22/2008 - 7/23/2008 05:20	8204028
TP11(50)E(8-8.5)	C8G160152 003	KRK2Q1AA	80.0	%	0.0	1.0	1	7/22/2008 - 7/23/2008 05:20	8204028
TP12(5)W(8-8.5)	C8G160152 004	KRK2R1A1	75.6	%	0.0	1.0	1	7/22/2008 - 7/23/2008 05:20	8204028
TP12(17)W(10.5-11)	C8G160152 005	KRK2T1AJ	80.5	%	0.0	1.0	1	7/22/2008 - 7/23/2008 05:20	8204028

ENSR, Schenectady RI

Cyanide, Total

Lab Name: TESTAMERICA PITTSBURGH **Method:** SW846 9012A

Client Name: ENSR International **Lot Number:** C8G220214

Matrix: SOLID

Distillation procedure

Client Sample ID	Sample Number	Workorder	Result	Units	Min. Detection Limit	Reporting Limit	Dilution Factor	Prep Date - Analysis Date/Time	QC Batch
SB50(14.5-15)	C8G220214 001	KR0E21A6	10.7	mg/kg	0.12	0.63	1	7/23/2008 - 7/23/2008 14:30	8205135
SB50(22-24)	C8G220214 002	KR0FC1AH	0.13 B J	mg/kg	0.13	0.66	1	7/23/2008 - 7/23/2008 14:30	8205135
SB50(24-26)	C8G220214 003	KR0FG1AH	0.30 B J	mg/kg	0.12	0.60	1	7/23/2008 - 7/23/2008 14:30	8205135

~~B Estimated result. Result is less than RL.~~

ENSR, Schenectady RI

Percent Solids

Lab Name: TESTAMERICA PITTSBURGH **Method:** SM20 2540G

Client Name: ENSR International **Lot Number:** C8G220214

Matrix: SOLID

NO SAMPLE PREPARATION PERFORMED / DIRECT INJECTION

Client Sample ID	Sample Number	Workorder	Result	Units	Min. Detection Limit	Reporting Limit	Dilution Factor	Prep Date - Analysis Date/Time	QC Batch
SB50(14.5-15)	C8G220214 001	KR0E21AA	79.1	%	0.0	1.0	1	7/23/2008 - 7/24/2008 05:50	8205180
SB50(22-24)	C8G220214 002	KR0FC1AJ	75.3	%	0.0	1.0	1	7/23/2008 - 7/24/2008 05:50	8205180
SB50(24-26)	C8G220214 003	KR0FG1AJ	83.0	%	0.0	1.0	1	7/23/2008 - 7/24/2008 05:50	8205180

ENSR, Schenectady RI

Cyanide, Total

Lab Name:	TESTAMERICA PITTSBURGH	**Method:**	SW846 9012A
Client Name:	ENSR International	**Lot Number:**	C8G260118
Matrix:	SOLID		

Distillation procedure

Client Sample ID	Sample Number	Workorder	Result	Units	Min. Detection Limit	Reporting Limit	Dilution Factor	Prep Date - Analysis Date/Time	QC Batch
SB50(80-81)	C8G260118 001	KR7VJ1A6	ND	mg/kg	0.11	0.59	1	7/29/2008 - 7/29/2008 13:32	8211160
SB46(8-10)	C8G260118 002	KR7VP1AH	20.3 J+	mg/kg	0.12	0.61	1	7/29/2008 - 7/29/2008 13:32	8211160

ENSR, Schenectady RI

Percent Solids

Lab Name:	TESTAMERICA PITTSBURGH	**Method:**	SM20 2540G
Client Name:	ENSR International	**Lot Number:**	C8G260118
Matrix:	SOLID		

NO SAMPLE PREPARATION PERFORMED / DIRECT INJECTION

Client Sample ID	Sample Number	Workorder	Result	Units	Min. Detection Limit	Reporting Limit	Dilution Factor	Prep Date - Analysis Date/Time	QC Batch
SB50(80-81)	C8G260118 001	KR7VJ1AA	84.4	%	0.0	1.0	1	8/4/2008 - 8/5/2008 00:00	8217030
SB46(8-10)	C8G260118 002	KR7VP1AJ	82.4	%	0.0	1.0	1	8/4/2008 - 8/5/2008 00:00	8217030

ENSR, Schenectady RI

Cyanide, Total

Lab Name: TESTAMERICA PITTSBURGH
Client Name: ENSR International
Matrix: SOLID

Method: SW846 9012A
Lot Number: C8H080154

Distillation procedure

Client Sample ID	Sample Number	Workorder	Result	Units	Min. Detection Limit	Reporting Limit	Dilution Factor	Prep Date - Analysis Date/Time	QC Batch
SB46(74-76)	C8H080154 001	KTTRF1A6	0.57 ~~0.30~~ ~~B J~~ U	mg/kg	0.11	0.57	1	8/12/2008 - 8/12/2008 14:34	8225208
SB49(8-10)	C8H080154 002	KTTRR1AH	5.1 ~~J~~	mg/kg	0.14	0.75	1	8/12/2008 - 8/12/2008 14:34	8225208
SB49(22-24)	C8H080154 003	KTTR11AH	0.74 ~~0.45~~ ~~B J~~ U	mg/kg	0.14	0.74	1	8/12/2008 - 8/12/2008 14:34	8225208
SB49(28-30)	C8H080154 004	KTTR41AH	0.68 ~~0.40~~ ~~B J~~ U	mg/kg	0.13	0.68	1	8/12/2008 - 8/12/2008 14:34	8225208
SB49(72-74)	C8H080154 005	KTTR61AH	0.56 ~~0.28~~ ~~B J~~ U	mg/kg	0.11	0.56	1	8/12/2008 - 8/12/2008 14:34	8225208

~~B~~ ~~Estimated result. Result is less than RL.~~

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

ENSR, Schenectady RI

Percent Solids

Lab Name: TESTAMERICA PITTSBURGH
Client Name: ENSR International
Matrix: SOLID

Method: SM20 2540G
Lot Number: C8H080154

NO SAMPLE PREPARATION PERFORMED / DIRECT INJECTION

Client Sample ID	Sample Number	Workorder	Result	Units	Min. Detection Limit	Reporting Limit	Dilution Factor	Prep Date - Analysis Date/Time	QC Batch
SB46(74-76)	C8H080154 001	KTTRF1AA	87.9	%	0.0	1.0	1	8/12/2008 - 8/13/2008 07:31	8225103
SB49(8-10)	C8H080154 002	KTTRR1AJ	66.4	%	0.0	1.0	1	8/12/2008 - 8/13/2008 07:31	8225103
SB49(22-24)	C8H080154 003	KTTR11AJ	67.4	%	0.0	1.0	1	8/12/2008 - 8/13/2008 07:31	8225103
SB49(28-30)	C8H080154 004	KTTR41AJ	73.6	%	0.0	1.0	1	8/12/2008 - 8/13/2008 07:31	8225103
SB49(72-74)	C8H080154 005	KTTR61AJ	88.8	%	0.0	1.0	1	8/12/2008 - 8/13/2008 07:31	8225103

ENSR, Schenectady RI

Cyanide, Total

Lab Name:	TESTAMERICA PITTSBURGH	**Method:**	SW846 9012A
Client Name:	ENSR International	**Lot Number:**	C8I060176
Matrix:	SOLID		

Distillation procedure

Client Sample ID	Sample Number	Workorder	Result	Units	Min. Detection Limit	Reporting Limit	Dilution Factor	Prep Date - Analysis Date/Time	QC Batch
SB51(23.5-25.5)	C8I060176 001	KWE0P1A6	1.3	mg/kg	0.13	0.67	1	9/13/2008 - 9/15/2008 11:38	8257018

ENSR, Schenectady RI

Cyanide, Total

Lab Name: TESTAMERICA PITTSBURGH
Client Name: ENSR International
Matrix: SOLID

Method: SW846 9012A
Lot Number: C8J100124

Distillation procedure

Client Sample ID	Sample Number	Workorder	Result	Units	Min. Detection Limit	Reporting Limit	Dilution Factor	Prep Date - Analysis Date/Time	QC Batch
SB45(8-10)	C8J100124 001	K0KA91A6	429	mg/kg	5.7	30.0	50	10/11/2008 - 10/13/2008 12:34	8285042
SB45(20-22)	C8J100124 002	K0KCL1AH	5.9	mg/kg	0.12	0.62	1	10/11/2008 - 10/13/2008 12:09	8285042
SB41(15-17)	C8J100124 003	K0KCM1AH	35.3	mg/kg	1.2	6.4	10	10/11/2008 - 10/13/2008 12:37	8285042
SB4(20-22) SB41(20-22)	C8J100124 004	K0KCQ1AH	5.5	mg/kg	0.12	0.65	1	10/11/2008 - 10/13/2008 12:09	8285042

ENSR, Schenectady RI

Percent Solids

Lab Name: TESTAMERICA PITTSBURGH
Client Name: ENSR International
Matrix: SOLID

Method: SM20 2540G
Lot Number: C8J100124

NO SAMPLE PREPARATION PERFORMED / DIRECT INJECTION

Client Sample ID	Sample Number	Workorder	Result	Units	Min. Detection Limit	Reporting Limit	Dilution Factor	Prep Date - Analysis Date/Time	QC Batch
SB45(8-10)	C8J100124 001	K0KA91AA	83.3	%	0.0	1.0	1	10/16/2008 - 10/17/2008 06:30	8290321
SB45(20-22)	C8J100124 002	K0KCL1AJ	80.9	%	0.0	1.0	1	10/16/2008 - 10/17/2008 06:30	8290321
SB41(15-17)	C8J100124 003	K0KCM1AJ	78.6	%	0.0	1.0	1	10/16/2008 - 10/17/2008 06:30	8290321
SB4(20-22) SB41(20-22)	C8J100124 004	K0KCQ1AJ	76.6	%	0.0	1.0	1	10/16/2008 - 10/17/2008 06:30	8290321

ENSR, Schenectady RI

Percent Solids

Lab Name:	TESTAMERICA PITTSBURGH	**Method:**	SM20 2540G
Client Name:	ENSR International	**Lot Number:**	C8I060176
Matrix:	SOLID		

NO SAMPLE PREPARATION PERFORMED / DIRECT INJECTION

Client Sample ID	Sample Number	Workorder	Result	Units	Min. Detection Limit	Reporting Limit	Dilution Factor	Prep Date - Analysis Date/Time	QC Batch
SB51(23.5-25.5)	C8I060176 001	KWE0P1AA	74.6	%	0.0	1.0	1	9/10/2008 - 9/11/2008 05:05	8254109

ENSR, Schenectady RI

Cyanide, Total

Lab Name:	TESTAMERICA PITTSBURGH	**Method:**	SW846 9012A
Client Name:	ENSR International	**Lot Number:**	C8J110134
Matrix:	SOLID		

Distillation procedure

Client Sample ID	Sample Number	Workorder	Result	Units	Min. Detection Limit	Reporting Limit	Dilution Factor	Prep Date - Analysis Date/Time	QC Batch
SB40(14-16)	C8J110134 001	K0NCF1A6	4.5	mg/kg	0.12	0.60	1	10/16/2008 - 10/16/2008 14:52	8290135
SB40(50-52)	C8J110134 002	K0NCP1AH	ND	mg/kg	0.11	0.59	1	10/16/2008 - 10/16/2008 15:00	8290135
SB36(10-12)	C8J110134 003	K0NCR1AH	0.32 B J	mg/kg	0.12	0.63	1	10/16/2008 - 10/16/2008 15:00	8290135

B Estimated result. Result is less than RL.

ENSR, Schenectady RI

Percent Solids

Lab Name: TESTAMERICA PITTSBURGH
Client Name: ENSR International
Matrix: SOLID
Method: SM20 2540G
Lot Number: C8J110134

NO SAMPLE PREPARATION PERFORMED / DIRECT INJECTION

Client Sample ID	Sample Number	Workorder	Result	Units	Min. Detection Limit	Reporting Limit	Dilution Factor	Prep Date - Analysis Date/Time	QC Batch
SB40(14-16)	C8J110134 001	K0NCF1AA	82.9	%	0.0	1.0	1	10/22/2008 - 10/23/2008 05:00	8296063
SB40(50-52)	C8J110134 002	K0NCP1AJ	84.0	%	0.0	1.0	1	10/22/2008 - 10/23/2008 05:00	8296063
SB36(10-12)	C8J110134 003	K0NCR1AJ	79.8	%	0.0	1.0	1	10/22/2008 - 10/23/2008 05:00	8296063

ENSR, Schenectady RI

Cyanide, Total

Lab Name: TESTAMERICA PITTSBURGH
Client Name: ENSR International
Matrix: SOLID

Method: SW846 9012A
Lot Number: C8J160275

Distillation procedure

Client Sample ID	Sample Number	Workorder	Result	Units	Min. Detection Limit	Reporting Limit	Dilution Factor	Prep Date - Analysis Date/Time	QC Batch
SB36(17.5-20)	C8J160275 001	K017P1A6	2.3	mg/kg	0.11	0.60	1	10/22/2008 - 10/22/2008 13:07	8296145
SB36(32.5-35)	C8J160275 002	K017T1AH	ND	mg/kg	0.11	0.58	1	10/22/2008 - 10/22/2008 13:07	8296145
SB37(11-12)	C8J160275 003	K017V1AH	ND	mg/kg	0.12	0.64	1	10/22/2008 - 10/22/2008 13:07	8296145
SB37(57.6-60)	C8J160275 004	K017W1AH	ND	mg/kg	0.11	0.60	1	10/22/2008 - 10/22/2008 13:07	8296145
SB32(20-22.5)	C8J160275 005	K01711AH	0.74	mg/kg	0.11	0.60	1	10/22/2008 - 10/22/2008 13:14	8296145
SB32(42-47.5)	C8J160275 006	K01731AH	ND	mg/kg	0.12	0.60	1	10/22/2008 - 10/22/2008 13:58	8296145

ENSR, Schenectady RI

Percent Solids

Lab Name:	TESTAMERICA PITTSBURGH	**Method:**	SM20 2540G
Client Name:	ENSR International	**Lot Number:**	C8J160275
Matrix:	SOLID		

NO SAMPLE PREPARATION PERFORMED / DIRECT INJECTION

Client Sample ID	Sample Number	Workorder	Result	Units	Min. Detection Limit	Reporting Limit	Dilution Factor	Prep Date - Analysis Date/Time	QC Batch
SB36(17.5-20)	C8J160275 001	K017P1AA	83.4	%	0.0	1.0	1	10/26/2008 - 10/27/2008 05:00	8300060
SB36(32.5-35)	C8J160275 002	K017T1AJ	86.2	%	0.0	1.0	1	10/26/2008 - 10/27/2008 05:00	8300060
SB37(11-12)	C8J160275 003	K017V1AJ	78.2	%	0.0	1.0	1	10/26/2008 - 10/27/2008 05:00	8300060
SB37(57.6-60)	C8J160275 004	K017W1AJ	83.3	%	0.0	1.0	1	10/26/2008 - 10/27/2008 05:00	8300060
SB32(20-22.5)	C8J160275 005	K01711AJ	83.6	%	0.0	1.0	1	10/26/2008 - 10/27/2008 05:00	8300060
SB32(42-47.5)	C8J160275 006	K01731AJ	83.1	%	0.0	1.0	1	10/26/2008 - 10/27/2008 05:00	8300060

ENSR, Schenectady RI

Cyanide, Total

Lab Name:	TESTAMERICA PITTSBURGH	**Method:**	SW846 9012A
Client Name:	ENSR International	**Lot Number:**	C8J220183
Matrix:	SOLID		

Distillation procedure

Client Sample ID	Sample Number	Workorder	Result	Units	Min. Detection Limit	Reporting Limit	Dilution Factor	Prep Date - Analysis Date/Time	QC Batch
SB38(22.5-25)	C8J220183 001	K1CL01A6	ND	mg/kg	0.12	0.61	1	10/27/2008 - 10/27/2008 12:0	8301166
SB38(45-47.5)	C8J220183 002	K1CL31AH	ND	mg/kg	0.11	0.60	1	10/27/2008 - 10/27/2008 12:0	8301166
SB31(25-27.5)	C8J220183 003	K1CL51AH	0.61	mg/kg	0.12	0.61	1	10/27/2008 - 10/27/2008 12:1	8301167
SB31(47.5-50)	C8J220183 004	K1CL81AH	ND	mg/kg	0.12	0.64	1	10/27/2008 - 10/27/2008 12:1	8301167
SB39(32.5-35)	C8J220183 005	K1CMD1AH	1.9	mg/kg	0.11	0.60	1	10/27/2008 - 10/27/2008 15:3	8301372
SB39(47.5-50)	C8J220183 006	K1CMG1AH	ND	mg/kg	0.12	0.61	1	10/27/2008 - 10/27/2008 15:3	8301372

ENSR, Schenectady RI

Percent Solids

Lab Name: TESTAMERICA PITTSBURGH
Client Name: ENSR International
Matrix: SOLID

Method: SM20 2540G
Lot Number: C8J220183

NO SAMPLE PREPARATION PERFORMED / DIRECT INJECTION

Client Sample ID	Sample Number	Workorder	Result	Units	Min. Detection Limit	Reporting Limit	Dilution Factor	Prep Date - Analysis Date/Time	QC Batch
SB38(22.5-25)	C8J220183 001	K1CL01AA	82.2	%	0.0		1	10/30/2008 - 10/31/2008 08:4	8304326
SB38(45-47.5)	C8J220183 002	K1CL31AJ	83.9	%	0.0		1	10/30/2008 - 10/31/2008 08:4	8304326
SB31(25-27.5)	C8J220183 003	K1CL51AJ	81.6	%	0.0		1	10/30/2008 - 10/31/2008 08:4	8304326
SB31(47.5-50)	C8J220183 004	K1CL81AJ	78.0	%	0.0		1	10/30/2008 - 10/31/2008 08:4	8304326
SB39(32.5-35)	C8J220183 005	K1CMD1AJ	83.6	%	0.0		1	10/30/2008 - 10/31/2008 08:4	8304326
SB39(47.5-50)	C8J220183 006	K1CMG1AJ	81.9	%	0.0		1	10/30/2008 - 10/31/2008 08:4	8304326

ENSR, Schenectady RI

Cyanide, Total

Lab Name: TESTAMERICA PITTSBURGH **Method:** SW846 9012A

Client Name: ENSR International **Lot Number:** C8J290111

Matrix: SOLID

Distillation procedure

Client Sample ID	Sample Number	Workorder	Result	Units	Min. Detection Limit	Reporting Limit	Dilution Factor	Prep Date - Analysis Date/Time	QC Batch
SB34(32.5-35)	C8J290111 001	K1TDF1A6	ND	mg/kg	0.11	0.59	1	10/30/2008 - 10/30/2008 11:56	8304109
SB34(42.5-45)	C8J290111 002	K1TDG1AH	0.22 B J	mg/kg	0.11	0.59	1	10/30/2008 - 10/30/2008 11:56	8304109
SB33(22.5-25)	C8J290111 003	K1TDH1AH	0.17 B J	mg/kg	0.11	0.59	1	11/4/2008 - 11/4/2008 14:55	8309094
SB33(35-37.5)	C8J290111 004	K1TDJ1AH	0.63	mg/kg	0.11	0.58	1	11/4/2008 - 11/4/2008 14:55	8309094
SB26(33.5-35)	C8J290111 005	K1TDK1AH	ND	mg/kg	0.12	0.60	1	11/5/2008 - 11/5/2008 16:26	8310438
SB26(47.5-50)	C8J290111 006	K1TDL1AH	ND	mg/kg	0.11	0.58	1	11/5/2008 - 11/5/2008 16:26	8310438
SB30(41.5-43.5)	C8J290111 007	K1TDP1AH	ND	mg/kg	0.12	0.61	1	11/6/2008 - 11/6/2008 16:01	8311399
SB300(41.5-43.5)	C8J290111 008	K1TDQ1AH	0.13 B J	mg/kg	0.11	0.59	1	11/6/2008 - 11/6/2008 16:01	8311399
SB30(50-52.5)	C8J290111 009	K1TDV1AH	ND	mg/kg	0.11	0.59	1	11/6/2008 - 11/6/2008 16:01	8311399

ENSR, Schenectady RI

Percent Solids

Lab Name:	TESTAMERICA PITTSBURGH	**Method:**	SM20 2540G
Client Name:	ENSR International	**Lot Number:**	C8J290111
Matrix:	SOLID		

NO SAMPLE PREPARATION PERFORMED / DIRECT INJECTION

Client Sample ID	Sample Number	Workorder	Result	Units	Min. Detection Limit	Reporting Limit	Dilution Factor	Prep Date - Analysis Date/Time	QC Batch
SB34(32.5-35)	C8J290111 001	K1TDF1AA	84.4	%	0.0	1.0	1	10/31/2008 - 11/1/2008 09:05	8305422
SB34(42.5-45)	C8J290111 002	K1TDG1AJ	85.1	%	0.0	1.0	1	10/31/2008 - 11/1/2008 09:05	8305422
SB33(22.5-25)	C8J290111 003	K1TDH1AJ	84.5	%	0.0	1.0	1	10/31/2008 - 11/1/2008 09:05	8305422
SB33(35-37.5)	C8J290111 004	K1TDJ1AJ	85.6	%	0.0	1.0	1	10/31/2008 - 11/1/2008 09:05	8305422
SB28(33.5-35)	C8J290111 005	K1TDK1AJ	83.0	%	0.0	1.0	1	10/31/2008 - 11/1/2008 09:05	8305422
SB28(47.5-50)	C8J290111 006	K1TDL1AJ	86.4	%	0.0	1.0	1	10/31/2008 - 11/1/2008 09:05	8305422
SB30(41.5-43.5)	C8J290111 007	K1TDP1AJ	81.8	%	0.0	1.0	1	10/31/2008 - 11/1/2008 09:05	8305422
SB300(41.5-43.5)	C8J290111 008	K1TDQ1AJ	84.9	%	0.0	1.0	1	10/31/2008 - 11/1/2008 09:05	8305422
SB30(50-52.5)	C8J290111 009	K1TDV1AJ	85.3	%	0.0	1.0	1	10/31/2008 - 11/1/2008 09:05	8305422

ENSR, Schenectady RI

Cyanide, Total

Lab Name:	TESTAMERICA PITTSBURGH	**Method:**	SW846 9012A
Client Name:	AECOM, Inc	**Lot Number:**	C8K010195
Matrix:	SOLID		

Distillation procedure

Client Sample ID	Sample Number	Workorder	Result	Units	Min. Detection Limit	Reporting Limit	Dilution Factor	Prep Date - Analysis Date/Time	QC Batch
SB26(35-37.5)	C8K010195 001	K14F41A8	0.61 B J	mg/kg	0.12	0.60	1	11/7/2008 - 11/7/2008 13:32	8312156
SB48(9-10)	C8K010195 002	K14F51AH	13.5 J+	mg/kg	0.12	0.61	1	11/11/2008 - 11/11/2008 13:24	8316143
~~SB48(9-10)~~	~~C8K010195 002~~	~~K14F52AH~~	~~25.2~~	~~mg/kg~~	~~0.12~~	~~0.61~~	~~1~~	~~11/17/2008 - 11/17/2008 16:14~~	~~8322420~~ Not Reported
SB48(27.5-30)	C8K010195 003	K14F71AH	0.85 J U	mg/kg	0.11	0.59	1	11/11/2008 - 11/11/2008 13:24	8316143

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

ENSR, Schenectady RI

Percent Solids

Lab Name:	TESTAMERICA PITTSBURGH	**Method:**	SM20 2540G
Client Name:	AECOM, Inc	**Lot Number:**	C8K010195
Matrix:	SOLID		

NO SAMPLE PREPARATION PERFORMED / DIRECT INJECTION

Client Sample ID	Sample Number	Workorder	Result	Units	Min. Detection Limit	Reporting Limit	Dilution Factor	Prep Date - Analysis Date/Time	QC Batch
SB26(35-37.5)	C8K010195 001	K14F41AA	82.9	%	0.0	1.0	1	11/6/2008 - 11/7/2008 08:35	8311168
SB48(9-10)	C8K010195 002	K14F61AJ	82.3	%	0.0	1.0	1	11/6/2008 - 11/7/2008 08:35	8311168
SB48(27.5-30)	C8K010195 003	K14F71AJ	84.2	%	0.0	1.0	1	11/6/2008 - 11/7/2008 08:35	8311168

ENSR, Schenectady RI

Cyanide, Total

Lab Name:	TESTAMERICA PITTSBURGH	**Method:**	SW846 9012A
Client Name:	ENSR International	**Lot Number:**	C8K040347
Matrix:	SOLID		

Distillation procedure

Client Sample ID	Sample Number	Workorder	Result	Units	Min. Detection Limit	Reporting Limit	Dilution Factor	Prep Date - Analysis Date/Time	QC Batch
SB43(40-42.5)	C8K040347 001	K18D51A6	0.55 ~~0.66~~ ~~B J~~ U	mg/kg	0.11	0.58	1	11/11/2008 - 11/11/2008 13:24	8316143
SB43(50-52.5)	C8K040347 002	K18D71AH	ND	mg/kg	0.12	0.62	1	11/11/2008 - 11/11/2008 13:24	8316143
SB35(40-41.5)	C8K040347 003	K18D81AH	0.91 ~~J~~ U	mg/kg	0.12	0.62	1	11/11/2008 - 11/11/2008 13:24	8316143
SB35(45-47.5)	C8K040347 004	K18D91AH	1.7 ~~J~~ U	mg/kg	0.12	0.62	1	11/11/2008 - 11/11/2008 13:31	8316143

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

ENSR, Schenectady RI

Percent Solids

Lab Name:	TESTAMERICA PITTSBURGH	**Method:**	SM20 2540G
Client Name:	ENSR International	**Lot Number:**	C8K040347
Matrix:	SOLID		

NO SAMPLE PREPARATION PERFORMED / DIRECT INJECTION

Client Sample ID	Sample Number	Workorder	Result	Units	Min. Detection Limit	Reporting Limit	Dilution Factor	Prep Date - Analysis Date/Time	QC Batch
SB43(40-42.5)	C8K040347 001	K18D51AA	89.2	%	0.0	1.0	1	11/7/2008 - 11/8/2008 08:35	8312449
SB43(50-52.5)	C8K040347 002	K18D71AJ	81.0	%	0.0	1.0	1	11/7/2008 - 11/8/2008 08:35	8312449
SB35(40-41.5)	C8K040347 003	K18D81AJ	80.8	%	0.0	1.0	1	11/7/2008 - 11/8/2008 08:35	8312449
SB35(45-47.5)	C8K040347 004	K18D91AJ	81.1	%	0.0	1.0	1	11/7/2008 - 11/8/2008 08:35	8312449

ENSR, Schenectady RI

Cyanide, Total

Lab Name: TESTAMERICA PITTSBURGH
Client Name: AECOM, Inc
Matrix: SOLID

Method: SW846 9012A
Lot Number: C8K070273

Distillation procedure

Client Sample ID	Sample Number	Workorder	Result	Units	Min. Detection Limit	Reporting Limit	Dilution Factor	Prep Date - Analysis Date/Time	QC Batch
SB47(18-20.5)	C8K070273 001	K2HCH1A6	1.5 J- U	mg/kg	0.13	0.65	1	11/11/2008 - 11/11/2008 13:50	8316146
SB47(38-40)	C8K070273 002	K2HCQ1AH	0.93 J- U	mg/kg	0.12	0.62	1	11/11/2008 - 11/11/2008 13:50	8316146
SB44(38-40)	C8K070273 003	K2HCW1A	ND	mg/kg	0.12	0.60	1	11/15/2008 - 11/17/2008 11:13	8320102
SB440(38-40)	C8K070273 004	K2HC21AH	ND	mg/kg	0.12	0.60	1	11/15/2008 - 11/17/2008 11:13	8320102
SB44(52.5-55)	C8K070273 005	K2HC71AW	ND	mg/kg	0.11	0.59	1	11/15/2008 - 11/17/2008 11:13	8320102

ENSR, Schenectady RI

Percent Solids

Lab Name:	TESTAMERICA PITTSBURGH	**Method:**	SM20 2540G
Client Name:	AECOM, Inc	**Lot Number:**	C8K070273
Matrix:	SOLID		

NO SAMPLE PREPARATION PERFORMED / DIRECT INJECTION

Client Sample ID	Sample Number	Workorder	Result	Units	Min. Detection Limit	Reporting Limit	Dilution Factor	Prep Date - Analysis Date/Time	QC Batch
SB47(18-20.5)	C8K070273 001	K2HCH1AA	76.5	%	0.0	1.0	1	11/13/2008 - 11/14/2008 07:30	8318211
SB47(38-40)	C8K070273 002	K2HCQ1AJ	80.5	%	0.0	1.0	1	11/13/2008 - 11/14/2008 07:30	8318211
SB44(38-40)	C8K070273 003	K2HCW1AJ	83.1	%	0.0	1.0	1	11/13/2008 - 11/14/2008 07:30	8318211
SB440(38-40)	C8K070273 004	K2HC21AJ	83.0	%	0.0	1.0	1	11/13/2008 - 11/14/2008 07:30	8318211
SB44(52.5-55)	C8K070273 005	K2HC71A1	84.4	%	0.0	1.0	1	11/13/2008 - 11/14/2008 07:30	8318211

ENSR, Schenectady RI

Cyanide, Total

Lab Name: TESTAMERICA PITTSBURGH
Client Name: AECOM, Inc
Matrix: SOLID

Method: SW846 9012A
Lot Number: C8L110357

Distillation procedure

Client Sample ID	Sample Number	Workorder	Result	Units	Min. Detection Limit	Reporting Limit	Dilution Factor	Prep Date - Analysis Date/Time	QC Batch
SB27(23-23.5)	C8L110357 001	K4JV61A6	0.24 B J	mg/kg	0.11	0.59	1	12/16/2008 - 12/17/2008 07:51	8351373
SB27(35-36)	C8L110357 002	K4JWQ1A6	ND	mg/kg	0.11	0.60	1	12/16/2008 - 12/17/2008 07:51	8351373
SB53(25-26)	C8L110357 003	K4JW01A6	ND	mg/kg	0.11	0.58	1	12/16/2008 - 12/17/2008 07:51	8351373
SB54(11-12)	C8L110357 004	K4JW31A6	ND	mg/kg	0.12	0.61	1	12/16/2008 - 12/17/2008 07:52	8351373
SB56(11-12)	C8L110357 005	K4JW71A6	ND	mg/kg	0.12	0.62	1	12/16/2008 - 12/17/2008 07:52	8351373
SB57(11-12)	C8L110357 006	K4JW91A6	1.6	mg/kg	0.11	0.60	1	12/16/2008 - 12/17/2008 07:52	8351373
SB59(15-16)	C8L110357 007	K4JXG1A6	1.2	mg/kg	0.12	0.60	1	12/16/2008 - 12/17/2008 07:52	8351373
SB59(23-24)	C8L110357 008	K4JXL1A6	ND	mg/kg	0.12	0.60	1	12/16/2008 - 12/17/2008 07:52	8351373

ENSR, Schenectady RI

Percent Solids

Lab Name: TESTAMERICA PITTSBURGH **Method:** SM20 2540G

Client Name: AECOM, Inc **Lot Number:** C8L110357

Matrix: SOLID

NO SAMPLE PREPARATION PERFORMED / DIRECT INJECTION

Client Sample ID	Sample Number	Workorder	Result	Units	Min. Detection Limit	Reporting Limit	Dilution Factor	Prep Date - Analysis Date/Time	QC Batch
SB27(23-23.5)	C8L110357 001	K4JV61AA	84.6	%	0.0		1	12/12/2008 - 12/13/2008 07:47	8347266
SB27(35-36)	C8L110357 002	K4JWQ1AA	83.7	%	0.0		1	12/12/2008 - 12/13/2008 07:47	8347266
SB53(25-26)	C8L110357 003	K4JW01AA	85.6	%	0.0		1	12/12/2008 - 12/13/2008 07:47	8347266
SB54(11-12)	C8L110357 004	K4JW31AA	82.5	%	0.0		1	12/12/2008 - 12/13/2008 07:47	8347266
SB56(11-12)	C8L110357 005	K4JW71AA	80.6	%	0.0		1	12/12/2008 - 12/13/2008 07:47	8347266
SB57(11-12)	C8L110357 006	K4JW91AA	83.3	%	0.0		1	12/12/2008 - 12/13/2008 07:47	8347266
SB59(15-16)	C8L110357 007	K4JXG1AA	83.1	%	0.0		1	12/12/2008 - 12/13/2008 07:47	8347266
SB59(23-24)	C8L110357 008	K4JXL1AA	83.2	%	0.0		1	12/12/2008 - 12/13/2008 07:47	8347266

ENSR, Schenectady RI

Cyanide, Total

Lab Name: TESTAMERICA PITTSBURGH
Client Name: AECOM, Inc
Matrix: WG

Method: SW846 9012A
Lot Number: C8L100288

Distillation procedure

Client Sample ID	Sample Number	Workorder	Result	Units	Min. Detection Limit	Reporting Limit	Dilution Factor	Prep Date - Analysis Date/Time	QC Batch
MW-4	C8L100288 001	K4FMX1A5	81.5	ug/L	1.7	10.0	1	12/15/2008 - 12/15/2008 15:29	8350246
MW-1	C8L100288 002	K4FM71AG	36.1	ug/L	1.7	10.0	1	12/15/2008 - 12/15/2008 15:29	8350246
MW-1D	C8L100288 003	K4FM91AG	90.9	ug/L	1.7	10.0	1	12/15/2008 - 12/15/2008 15:29	8350246
MW-10	C8L100288 004	K4FNA1AG	5.7 B J	ug/L	1.7	10.0	1	12/15/2008 - 12/15/2008 15:29	8350246
MW-2	C8L100288 005	K4FNG1AG	2.9 B J	ug/L	1.7	10.0	1	12/15/2008 - 12/15/2008 15:29	8350246
MW-3	C8L100288 006	K4FPE1AG	17.6	ug/L	1.7	10.0	1	12/15/2008 - 12/15/2008 15:36	8350246
MW-5	C8L100288 007	K4FPF1AG	ND	ug/L	1.7	10.0	1	12/15/2008 - 12/15/2008 15:36	8350246
MW-11D	C8L100288 008	K4FPG1AG	6.3 B J	ug/L	1.7	10.0	1	12/15/2008 - 12/15/2008 15:36	8350246
MW-6	C8L100288 009	K4FPJ1A4	ND	ug/L	1.7	10.0	1	12/15/2008 - 12/15/2008 15:36	8350246

ENSR, Schenectady RI

Cyanide, Total

Lab Name: TESTAMERICA PITTSBURGH
Client Name: AECOM, Inc
Matrix: WG

Method: SW846 9012A
Lot Number: C8L110371

Distillation procedure

Client Sample ID	Sample Number	Workorder	Result	Units	Min. Detection Limit	Reporting Limit	Dilution Factor	Prep Date - Analysis Date/Time	QC Batch
MW-12	C8L110371 002	K4J251A5	ND	ug/L	1.7	10.0	1	12/17/2008 - 12/17/2008 14:10	8352114
MW-12D	C8L110371 003	K4J281A5	26.2	ug/L	1.7	10.0	1	12/17/2008 - 12/17/2008 14:18	8352114
MW-7D	C8L110371 004	K4J291A5	16.7	ug/L	1.7	10.0	1	12/17/2008 - 12/17/2008 14:18	8352114
MW-7	C8L110371 005	K4J3A1A5	20.1	ug/L	1.7	10.0	1	12/17/2008 - 12/17/2008 14:18	8352114
CTM-14	C8L110371 006	K4J3C1A5	147	ug/L	1.7	10.0	1	12/17/2008 - 12/17/2008 14:18	8352114
CTM-MW-1	C8L110371 007	K4J3D1A5	53.4	ug/L	1.7	10.0	1	12/17/2008 - 12/17/2008 14:18	8352114
MW-9	C8L110371 008	K4J3H1A5	119	ug/L	1.7	10.0	1	12/17/2008 - 12/17/2008 14:18	8352114
MW-13D	C8L110371 009	K4J3J1A5	14.5	ug/L	1.7	10.0	1	12/17/2008 - 12/17/2008 14:18	8352114
MW-16D	C8L110371 011	K4J3L1A5	34.7	ug/L	1.7	10.0	1	12/17/2008 - 12/17/2008 14:25	8352114
MW-1600D	C8L110371 012	K4J3M1A5	36.1	ug/L	1.7	10.0	1	12/17/2008 - 12/17/2008 14:25	8352114

ENSR, Schenectady RI

Cyanide, Total

Lab Name: TESTAMERICA PITTSBURGH
Client Name: AECOM, Inc
Matrix: WG

Method: SW846 9012A
Lot Number: C8L120342

Distillation procedure

Client Sample ID	Sample Number	Workorder	Result	Units	Mln. Detection Limit	Reporting Limit	Dilution Factor	Prep Date - Analysis Date/Time	QC Batch
MW-14D	C8L120342 002	K4MVQ1A5	3.2 B J	ug/L	1.7	10.0	1	12/17/2008 - 12/17/2008 14:33	8352115
MW-14	C8L120342 003	K4MVR1AG	5.7 B J	ug/L	1.7	10.0	1	12/17/2008 - 12/17/2008 14:33	8352115
MW-1400	C8L120342 004	K4MVT1AG	5.7 B J	ug/L	1.7	10.0	1	12/17/2008 - 12/17/2008 14:33	8352115
MW-8	C8L120342 005	K4MVX1AG	178	ug/L	1.7	10.0	1	12/17/2008 - 12/17/2008 14:33	8352115
MW-8D	C8L120342 006	K4MV01AG	110	ug/L	1.7	10.0	1	12/17/2008 - 12/17/2008 14:33	8352115
CTM-1	C8L120342 007	K4MV11AG	26.7	ug/L	1.7	10.0	1	12/17/2008 - 12/17/2008 14:33	8352115
CTM-15	C8L120342 008	K4MV21AG	226	ug/L	1.7	10.0	1	12/17/2008 - 12/17/2008 14:36	8352115
MW-15D	C8L120342 009	K4MV31AG	55.2	ug/L	1.7	10.0	1	12/17/2008 - 12/17/2008 14:36	8352115

Appendix C

Support Documentation

CASE NARRATIVE

ENSR
Schenectady RI

Lot # C8G160152

Sample Receiving:
Samples were received at TestAmerica's Pittsburgh laboratory on July 16, 2008. The cooler was received within the proper temperature range.

If project specific QC was not required for samples contained in this report and batch QC was completed on these samples, anomalous results will be discussed below.

GC/MS Volatiles:
There were no problems associated with the analysis.

GC/MS Semivolatiles:
Sample TP10(29)E(8-8.5) was analyzed at a dilution as the extract was too viscous to be analyzed undiluted.

Due to the concentration of target compounds sample TP12(5)W(8-8.5) was analyzed at a dilution.

Metals:
The method blank had analytes detected at concentrations between the MDL and the reporting limit. The results were flagged with a "B" qualifier. Any sample associated with a method blank that had the same analyte detected had the result flagged with a "J" qualifier.

For the matrix spike and matrix spike duplicate of sample TP12(5)W(8-8.5), aluminum, calcium and iron recoveries were not calculated due to the concentration of analyte in the sample being >4 times the concentration of spike added.

The matrix spike duplicate of sample TP12(5)W(8-8.5) was outside the control limits for lead. The RPD between the spikes and the recovery of the laboratory control sample were within the control limits.

General Chemistry:
Sample TP12(5)W(8-8.5) was analyzed at a dilution for total cyanide.

For the matrix spike and matrix spike duplicate of sample TP12(5)W(8-8.5), total cyanide recoveries were not calculated due to the concentration of analyte in the sample being >4 times the concentration of spike added.

C8G160152

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TAL-4142 (0907)

Client: ENSR	Project Manager: James Edwards	Date: 7/15/08	Chain of Custody Number: 395248
Address: 1001 W. Seneca St., Suite 204	Telephone Number (Area Code)/Fax Number: 607-277-5716	Lab Number:	Page ____ of ____
City: Ithaca / State: NY / Zip Code: 14850	Site Contact: Jesse Lloyd	Lab Contact:	
Project Name and Location (State): Schenectady MGP/Schenectady, NY	Carrier/Waybill Number:		
Contract/Purchase Order/Quote No.			

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Containers & Preservatives: Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	Analysis: TCL VOC 8260B	TCL SVOC 8270C	TAL METALS 6000-7000	TOTAL CN - 9012A
TP10(29)E (8-8.5)	7/14/08	0800				X	01						X	X	X	X
TP10(31)E (8-8.5)	7/14/08	0800				X	01						X	X	X	X
TP11(50)E (8-8.5)	7/14/08	1310				X	2						X	X	X	X
TP12(5)W (8-8.5)	7/15/08	1000				X	2						X	X	X	X
TP12(5)W (8-8.5) MS	7/15/08	1000				X	2						X	X	X	X
TP12(5)W (8-8.5) MSD	7/15/08	1000				X	2						X	X	X	X
TP12(17)W (10.5-11)	7/15/08	1100				X	2						X	X	X	X

Special Instructions/ Conditions of Receipt

Possible Hazard Identification: [X] Non-Hazard [ ] Flammable [ ] Skin Irritant [ ] Poison B [ ] Unknown

Sample Disposal: [ ] Return To Client [X] Disposal By Lab [ ] Archive For ____ Months (A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required: [ ] 24 Hours [ ] 48 Hours [ ] 7 Days [ ] 14 Days [ ] 21 Days [X] Other ROUTINE

QC Requirements (Specify)

1. Relinquished By: Scott Harrigan	Date: 7/15/08	Time: 1600 EDT	1. Received By	Date	Time
2. Relinquished By	Date	Time	2. Received By: Rebecca R Davis	Date: 7/16/08	Time: 0930
3. Relinquished By	Date	Time	3. Received By	Date	Time

Comments

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

6

(1 - 94)

Cooler Receipt Form
TestAmerica Pittsburgh

Client: ENSR Corp Project: _____ Quote: 72910

Cooler Rec'd & Opened for Temp. Check on: 7/16/08

Coolers Opened and Unpacked on: 7/16/08 By: PRF
(Signature)

TestAmerica Pittsburgh Lot Number: C8G160152

		Yes	No	NA
1.	Were custody seals on the outside of the cooler?		✓	
	If YES, how many and where? Quantity __ Location			
	Were signatures and date correct?			✓
2.	Were custody papers included inside the cooler?	✓		
3.	Were custody papers properly filled out (ink, signed, match labels)?	✓		
4.	Did you sign the custody papers in the appropriate place?	✓		
5.	Was shippers packing slip attached to this form?	✓		
6.	Were packing materials used?	✓		
	If YES, what type? Bubble Wrap			
7.	Were the samples received within the acceptable temperature range?	✓		
8.	Were the samples appropriately preserved?			✓
9.	Were all bottles sealed in separate plastic bags?		✓	
10.	Did all bottles arrive in good condition (unbroken)?	✓		
11.	Were all bottle labels complete (sample ID, preservatives, etc.)?	✓		
12.	Did all bottle labels and/or tags agree with custody papers?	✓		
13.	Were correct bottles used for tests indicated?			
14.	Were all VOA vials checked for the presence of air bubbles?			✓
15.	Was a sufficient amount of sample sent in each bottle?	✓		

16. Samples received by: (FEDEX) UPS CLIENT DROP-OFF OTHER DHL US CARGO

Explain any discrepancies: _____

Level 2 Review _____

Was contacted on _____ by _____ to resolve discrepancies.

Cooler Receipt Form

TestAmerica Pittsburgh

P: Preserved
UP: Unpreserved

Sample ID	TMET PH<2	DMET PH<2	HG PH<2	NUT(1) PH<2	CN PH ≥12	OG TPHC PH<2	PHEN PH<2	SULF PH ≥12	TOC PH<2	TOX PH<2	VOA P/UP	hrdnss PH<2			

(1) "NUT" could include sample bottles for ammonia, chemical oxygen demand, nitrate/nitrite, TKN, or total phosphorus

Comments: _____

Cooler Number	Temperature*	Thermometer ID
1	3.2°	5

*Acceptable Temperature Range: 4°C ± 2°C

Sample	Lot Number**

**Please use an asterisk if bottle lot number was covered by the label

If samples required preservation in the laboratory, the following lot number(s) was/were used:

Nitric Acid _____ Hydrochloric Acid _____

Sulfuric Acid _____ Sodium Hydroxide _____

TestAmerica Pittsburgh

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: hp3.i Injection Date: 17-JUL-2008 04:55
Lab File ID: CC30717.D Init. Cal. Date(s): 28-JUN-2008 30-JUN-2008
Analysis Type: SOIL Init. Cal. Times: 10:14 08:12
Lab Sample ID: vstd40 Quant Type: ISTD
Method: \\pitsvr06\d\chem\hp3.i\3071708d.b\8260bsoil.m

COMPOUND	RRF / AMOUNT	RF40	CCAL RRF40	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE	
$ 35 Dibromofluoromethane	0.22840	0.22620	0.22620	0.010	0.96283	25.00000	Averaged	
$ 43 1,2-Dichloroethane-d4	0.28403	0.32840	0.32840	0.010	-15.62299	25.00000	Averaged	
$ 59 Toluene-d8	4.52798	4.09096	4.09096	0.010	9.65146	25.00000	Averaged	
$ 80 Bromofluorobenzene	1.77293	1.62700	1.62700	0.010	8.23136	25.00000	Averaged	
1 Dichlorodifluoromethane	0.29973	0.26032	0.26032	0.010	13.14847	25.00000	Averaged	
2 Chloromethane	0.38365	0.41769	0.41769	0.100	-8.87188	25.00000	Averaged	
3 Vinyl Chloride	0.44515	0.44106	0.44106	0.010	0.91777	20.00000	Averaged	
4 Bromomethane	0.10681	0.10458	0.10458	0.010	2.08887	25.00000	Averaged	
5 Chloroethane	0.13242	0.11765	0.11765	0.010	11.15590	25.00000	Averaged	
166 Trichlorofluoromethane	0.20850	0.23740	0.23740	0.010	-13.85947	25.00000	Averaged	
10 1,1,2-trichloro-1,2,2-trifl	0.26180	0.25661	0.25661	0.010	1.98177	25.00000	Averaged	
12 1,1-Dichloroethene	0.26335	0.25514	0.25514	0.010	3.11956	20.00000	Averaged	
15 Carbon Disulfide	0.86492	0.88170	0.88170	0.010	-1.93986	25.00000	Averaged	
13 Acetone	200	298	0.16307	0.010	-48.86814	0.000e+000	Quadratic	
18 Methylene Chloride	200	219	0.33469	0.010	-9.31919	0.000e+000	Quadratic	
19 trans-1,2-Dichloroethene	0.30055	0.29622	0.29622	0.010	1.43984	25.00000	Averaged	
20 Methyl tert-butyl ether	0.92487	0.98526	0.98526	0.010	-6.52934	25.00000	Averaged	
24 1,1-Dichloroethane	0.55459	0.61572	0.61572	0.100	-11.02133	25.00000	Averaged	
27 2,2-Dichloropropane	0.33248	0.33000	0.33000	0.010	0.74523	25.00000	Averaged	
28 cis-1,2-dichloroethene	0.31907	0.30886	0.30886	0.010	3.19970	25.00000	Averaged	
M 29 1,2-Dichloroethene (total)	0.30981	0.30254	0.30254	0.010	2.34606	25.00000	Averaged	
30 Bromochloromethane	0.13540	0.12878	0.12878	0.010	4.88559	25.00000	Averaged	
31 2-Butanone	0.16327	0.23409	0.23409	0.010	-43.37835	25.00000	Averaged	<-
37 Chloroform	0.48194	0.49443	0.49443	0.010	-2.59098	20.00000	Averaged	
38 1,1,1-Trichloroethane	0.38568	0.39510	0.39510	0.010	-2.44388	25.00000	Averaged	
40 1,1-Dichloropropene	0.40639	0.40806	0.40806	0.010	-0.41234	25.00000	Averaged	
41 Carbon Tetrachloride	0.32805	0.31813	0.31813	0.010	3.02261	25.00000	Averaged	
42 Benzene	1.18949	1.24704	1.24704	0.010	-4.83848	25.00000	Averaged	
45 1,2-Dichloroethane	0.36325	0.41996	0.41996	0.010	-15.61345	25.00000	Averaged	
47 Trichloroethene	0.27374	0.25707	0.25707	0.010	6.09031	25.00000	Averaged	
49 1,2-Dichloropropane	0.28621	0.32742	0.32742	0.010	-14.39615	20.00000	Averaged	
50 Dibromomethane	0.14881	0.15479	0.15479	0.010	-4.01314	25.00000	Averaged	
53 Bromodichloromethane	0.31497	0.33134	0.33134	0.010	-5.19691	25.00000	Averaged	
57 cis-1,3-Dichloropropene	0.39855	0.44060	0.44060	0.010	-10.55040	25.00000	Averaged	
58 4-Methyl-2-Pentanone	1.60277	1.90990	1.90990	0.010	-19.16239	25.00000	Averaged	
60 Toluene	5.60627	4.89799	4.89799	0.010	12.63371	20.00000	Averaged	
61 trans-1,3-Dichloropropene	1.74011	1.70885	1.70885	0.010	1.79602	25.00000	Averaged	
63 1,3-Dichloropropane	1.85095	1.88716	1.88716	0.010	-1.95637	25.00000	Averaged	
64 1,1,2-Trichloroethane	1.01440	0.95042	0.95042	0.010	6.30772	25.00000	Averaged	
65 Tetrachloroethene	1.03973	0.87561	0.87561	0.010	15.78448	25.00000	Averaged	
66 2-Hexanone	1.03703	1.37611	1.37611	0.010	-32.69700	25.00000	Averaged	<-
67 Dibromochloromethane	1.00245	0.87205	0.87205	0.010	13.00788	25.00000	Averaged	
68 1,2-Dibromoethane	1.02690	0.96992	0.96992	0.010	5.54797	25.00000	Averaged	

TestAmerica Pittsburgh

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: hp3.i Injection Date: 17-JUL-2008 04:55
Lab File ID: CC30717.D Init. Cal. Date(s): 28-JUN-2008 30-JUN-2008
Analysis Type: SOIL Init. Cal. Times: 10:14 08:12
Lab Sample ID: vstd40 Quant Type: ISTD
Method: \\pitsvr06\d\chem\hp3.i\3071708d.b\8260bsoil.m

COMPOUND	RRF / AMOUNT	RF40	CCAL RRF40	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE
70 Chlorobenzene	3.33870	2.97955	2.97955	0.300	10.75723	25.00000	Averaged
71 1,1,1,2-Tetrachloroethane	1.20896	0.98272	0.98272	0.010	18.71396	25.00000	Averaged
72 Ethylbenzene	1.94786	1.79108	1.79108	0.010	8.04886	20.00000	Averaged
73 m + p-Xylene	2.39520	2.18493	2.18493	0.010	8.77883	25.00000	Averaged
74 Xylene-o	2.51767	2.16736	2.16736	0.010	13.91390	25.00000	Averaged
76 Styrene	3.99137	3.67610	3.67610	0.010	7.89863	25.00000	Averaged
77 Bromoform	0.73290	0.61263	0.61263	0.100	16.41049	25.00000	Averaged
78 Isopropylbenzene	6.55213	5.83255	5.83255	0.010	10.98243	25.00000	Averaged
79 Bromobenzene	0.81219	0.76376	0.76376	0.010	5.96231	25.00000	Averaged
81 n-Propylbenzene	1.00880	0.95008	0.95008	0.010	5.82079	25.00000	Averaged
82 2-Chlorotoluene	0.83164	0.74574	0.74574	0.010	10.32971	25.00000	Averaged
83 1,1,2,2-Tetrachloroethane	1.70570	1.61666	1.61666	0.300	5.22031	25.00000	Averaged
84 1,2,3-Trichloropropane	0.30187	0.31005	0.31005	0.010	-2.71169	25.00000	Averaged
85 4-Chlorotoluene	0.80999	0.75431	0.75431	0.010	6.87353	25.00000	Averaged
86 1,3,5-Trimethylbenzene	3.09755	2.99910	2.99910	0.010	3.17833	25.00000	Averaged
87 tert-Butylbenzene	2.58468	2.48736	2.48736	0.010	3.76534	25.00000	Averaged
88 1,2,4-Trimethylbenzene	3.11718	2.96200	2.96200	0.010	4.97029	25.00000	Averaged
89 sec-Butylbenzene	3.93224	3.87128	3.87128	0.010	1.55025	25.00000	Averaged
90 4-Isopropyltoluene	3.38783	3.26849	3.26849	0.010	3.52251	25.00000	Averaged
91 1,3-Dichlorobenzene	1.65704	1.50633	1.50633	0.010	9.09525	25.00000	Averaged
93 1,4-Dichlorobenzene	1.69711	1.52488	1.52488	0.010	10.14878	25.00000	Averaged
94 n-Butylbenzene	3.17525	3.09660	3.09660	0.010	2.47693	25.00000	Averaged
95 1,2-Dichlorobenzene	1.61757	1.45504	1.45504	0.010	10.04781	25.00000	Averaged
96 1,2-Dibromo-3-chloropropane	0.23667	0.20110	0.20110	0.010	15.02710	25.00000	Averaged
97 1,2,4-Trichlorobenzene	1.20775	1.03876	1.03876	0.010	13.99197	25.00000	Averaged
98 Hexachlorobutadiene	0.57741	0.47292	0.47292	0.010	18.09587	25.00000	Averaged
99 Naphthalene	3.00914	2.72604	2.72604	0.010	9.40812	25.00000	Averaged
100 1,2,3-Trichlorobenzene	1.05455	0.92754	0.92754	0.010	12.04412	25.00000	Averaged
156 Methyl Acetate	0.29127	0.38612	0.38612	0.010	-32.56457	25.00000	Averaged <-
157 Cyclohexane	0.62477	0.70978	0.70978	0.010	-13.60607	25.00000	Averaged
158 Methyl Cyclohexane	0.61635	0.60333	0.60333	0.010	2.11249	25.00000	Averaged
165 1,3,5-Trichlorobenzene	1.36889	1.13579	1.13579	0.010	17.02837	50.00000	Averaged
M 75 Xylenes (total)	2.43602	2.17907	2.17907	0.010	10.54789	25.00000	Averaged

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CONTINUING CALIBRATION COMPOUNDS

Instrument ID: 731.i Injection Date: 22-JUL-2008 00:58
Lab File ID: V07220CC.D Init. Cal. Date(s): 23-JUN-2008 23-JUN-2008
Analysis Type: Init. Cal. Times: 01:40 03:50
Lab Sample ID: SSTD4.0 Quant Type: ISTD
Method: \\PITSVR06\D\chem\731.i\V072208.b\827011.m

COMPOUND	RRF / AMOUNT	RF4	CCAL RRF4	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE	
198 1,4-Dioxane	0.17553	0.17909	0.17909	0.010	-2.02634	25.00000	Averaged	
10 N-Nitrosodimethylamine	0.25111	0.25385	0.25385	0.010	-1.09206	25.00000	Averaged	
9 Pyridine	0.48081	0.53125	0.53125	0.010	-10.49128	25.00000	Averaged	
16 Methyl methanesulfonate	0.44876	0.46277	0.46277	0.010	-3.12329	25.00000	Averaged	
206 Benzaldehyde	0.79762	0.37108	0.37108	0.010	53.47741	25.00000	Averaged	<-
21 Aniline	1.70089	1.86062	1.86062	0.010	-9.39070	25.00000	Averaged	
22 Phenol	1.51370	1.62658	1.62658	0.010	-7.45715	20.00000	Averaged	
23 bis(2-Chloroethyl)ether	1.07231	1.10762	1.10762	0.010	-3.29310	25.00000	Averaged	
24 2-Chlorophenol	1.37646	1.45686	1.45686	0.010	-5.84047	25.00000	Averaged	
26 1,3-Dichlorobenzene	1.57938	1.63694	1.63694	0.010	-3.64433	25.00000	Averaged	
27 1,4-Dichlorobenzene	1.62219	1.67074	1.67074	0.010	-2.99286	20.00000	Averaged	
28 1,2-Dichlorobenzene	1.56566	1.66140	1.66140	0.010	-6.11491	25.00000	Averaged	
29 Benzyl Alcohol	0.76857	0.87084	0.87084	0.010	-13.30561	25.00000	Averaged	
30 2-Methylphenol	1.23786	1.28370	1.28370	0.010	-3.70347	25.00000	Averaged	
31 2,2'-oxybis(1-Chloropropane	1.82306	1.83985	1.83985	0.010	-0.92105	25.00000	Averaged	
37 Acetophenone	1.73891	1.84411	1.84411	0.010	-6.04974	25.00000	Averaged	
32 N-Nitroso-di-n-propylamine	0.76124	0.85003	0.85003	0.050	-11.66422	50.00000	Averaged	
192 4-Methylphenol	1.29782	1.34533	1.34533	0.010	-3.66089	25.00000	Averaged	
34 Hexachloroethane	0.74571	0.76331	0.76331	0.010	-2.36100	25.00000	Averaged	
35 Nitrobenzene	0.28102	0.29119	0.29119	0.010	-3.61736	25.00000	Averaged	
41 Isophorone	0.52667	0.51958	0.51958	0.010	1.34582	25.00000	Averaged	
42 2-Nitrophenol	0.17074	0.18070	0.18070	0.010	-5.83476	20.00000	Averaged	
43 2,4-Dimethylphenol	0.30160	0.31290	0.31290	0.010	-3.74443	25.00000	Averaged	
44 bis(2-Chloroethoxy)methane	0.34462	0.34602	0.34602	0.010	-0.40657	25.00000	Averaged	
48 2,4-Dichlorophenol	0.28704	0.30101	0.30101	0.010	-4.86577	20.00000	Averaged	
49 Benzoic Acid	0.19980	0.22023	0.22023	0.010	-10.22813	25.00000	Averaged	
50 1,2,4-Trichlorobenzene	0.32909	0.34672	0.34672	0.010	-5.35614	25.00000	Averaged	
51 Naphthalene	1.05475	1.09492	1.09492	0.010	-3.80763	25.00000	Averaged	
52 4-Chloroaniline	0.44261	0.45762	0.45762	0.010	-3.39277	25.00000	Averaged	
54 2,6-Dichlorophenol	0.31157	0.30734	0.30734	0.010	1.35768	25.00000	Averaged	
56 Hexachlorobutadiene	0.17861	0.17747	0.17747	0.010	0.63983	20.00000	Averaged	
208 Caprolactam	0.09478	0.08776	0.08776	0.010	7.41419	25.00000	Averaged	
59 4-Chloro-3-Methylphenol	0.29375	0.29039	0.29039	0.010	1.14328	20.00000	Averaged	
62 2-Methylnaphthalene	0.75357	0.77422	0.77422	0.010	-2.74036	25.00000	Averaged	
63 1-Methylnaphthalene	0.76753	0.77465	0.77465	0.010	-0.92730	25.00000	Averaged	
64 Hexachlorocyclopentadiene	0.28226	0.28384	0.28384	0.050	-0.55793	50.00000	Averaged	
66 2,4,6-Trichlorophenol	0.31971	0.34145	0.34145	0.010	-6.79941	20.00000	Averaged	
67 2,4,5-Trichlorophenol	0.35704	0.34220	0.34220	0.010	4.15680	25.00000	Averaged	
209 1,1'-Biphenyl	1.29916	1.35600	1.35600	0.010	-4.37525	25.00000	Averaged	
70 2-Chloronaphthalene	1.02805	1.07495	1.07495	0.010	-4.56200	25.00000	Averaged	
73 2-Nitroaniline	0.25304	0.25952	0.25952	0.010	-2.56196	25.00000	Averaged	
76 Dimethylphthalate	1.10052	1.10711	1.10711	0.010	-0.59875	25.00000	Averaged	

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CONTINUING CALIBRATION COMPOUNDS

Instrument ID: 731.i Injection Date: 22-JUL-2008 00:58
Lab File ID: V07220CC.D Init. Cal. Date(s): 23-JUN-2008 23-JUN-2008
Analysis Type: Init. Cal. Times: 01:40 03:50
Lab Sample ID: SSTD4.0 Quant Type: ISTD
Method: \\PITSVR06\D\chem\731.i\V072208.b\827011.m

CCMPOUND	RRF / AMOUNT	RF4	CCAL RRF4	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE	
78 2,6-Dinitrotoluene	0.24094	0.24606	0.24606	0.010	-2.12549	25.00000	Averaged	
79 Acenaphthylene	1.77824	1.86155	1.86155	0.010	-4.68506	25.00000	Averaged	
81 3-Nitroaniline	0.31221	0.30537	0.30537	0.010	2.19249	25.00000	Averaged	
82 Acenaphthene	1.09222	1.13541	1.13541	0.010	-3.95496	20.00000	Averaged	
83 2,4-Dinitrophenol	10.00000	9.23598	0.11310	0.050	7.64023	0.000e+000	Quadratic	
85 4-Nitrophenol	0.14218	0.14059	0.14059	0.050	1.11458	50.00000	Averaged	
86 Dibenzofuran	1.59510	1.63653	1.63653	0.010	-2.59756	25.00000	Averaged	
87 2,4-Dinitrotoluene	0.33782	0.34965	0.34965	0.010	-3.50135	25.00000	Averaged	
91 2,3,5,6-Tetrachlorophenol	0.30027	0.29335	0.29335	0.010	2.30450	25.00000	Averaged	
88 2,3,4,6-Tetrachlorophenol	0.30387	0.30375	0.30375	0.010	0.03907	25.00000	Averaged	
92 2-Naphthylamine	1.12010	1.05602	1.05602	0.010	5.72060	25.00000	Averaged	
93 Diethylphthalate	1.21568	1.21824	1.21824	0.010	-0.21053	25.00000	Averaged	
94 Fluorene	1.24612	1.32657	1.32657	0.010	-6.45636	25.00000	Averaged	
95 4-Chlorophenyl-phenylether	0.57672	0.60649	0.60649	0.010	-5.16068	25.00000	Averaged	
96 4-Nitroaniline	0.32260	0.32973	0.32973	0.010	-2.21236	25.00000	Averaged	
98 4,6-Dinitro-2-methylphenol	0.09759	0.09613	0.09613	0.010	1.48919	25.00000	Averaged	
99 N-Nitrosodiphenylamine (1)	0.47516	0.49541	0.49541	0.010	-4.26169	20.00000	Averaged	
100 1,2-Diphenylhydrazine	0.61592	0.64016	0.64016	0.010	-3.93444	25.00000	Averaged	
106 4-Bromophenyl-phenylether	0.17238	0.18791	0.18791	0.010	-9.00485	25.00000	Averaged	
107 Hexachlorobenzene	0.19137	0.20338	0.20338	0.010	-6.27554	25.00000	Averaged	
210 Atrazine	0.16839	0.16313	0.16313	0.010	3.12462	25.00000	Averaged	
111 Pentachlorophenol	0.13023	0.13251	0.13251	0.010	-1.75055	20.00000	Averaged	
115 Phenanthrene	1.01864	1.06758	1.06758	0.010	-4.80416	25.00000	Averaged	
116 Anthracene	1.04500	1.09126	1.09126	0.010	-4.42595	25.00000	Averaged	
119 Carbazole	1.00772	1.01989	1.01989	0.010	-1.20728	25.00000	Averaged	
120 Di-n-Butylphthalate	1.24935	1.24551	1.24551	0.010	0.30730	25.00000	Averaged	
123 Fluoranthene	1.22938	1.25424	1.25424	0.010	-2.02198	20.00000	Averaged	
124 Benzidine	0.59886	0.76170	0.76170	0.010	-27.19099	25.00000	Averaged	<-
125 Pyrene	1.29327	1.40005	1.40005	0.010	-8.25600	25.00000	Averaged	
131 Butylbenzylphthalate	0.62558	0.65003	0.65003	0.010	-3.90816	25.00000	Averaged	
135 3,3'-Dichlorobenzidine	0.48806	0.44168	0.44168	0.010	9.50349	25.00000	Averaged	
136 Benzo(a)Anthracene	1.17669	1.21227	1.21227	0.010	-3.02359	25.00000	Averaged	
137 Chrysene	1.16559	1.22150	1.22150	0.010	-4.79633	25.00000	Averaged	
139 bis(2-ethylhexyl)Phthalate	0.91674	0.88929	0.88929	0.010	2.99432	25.00000	Averaged	
140 Di-n-octylphthalate	1.55674	1.40558	1.40558	0.010	9.70990	20.00000	Averaged	
141 Benzo(b)fluoranthene	1.43902	1.46979	1.46979	0.010	-2.13848	25.00000	Averaged	
142 Benzo(k)fluoranthene	1.49576	1.53723	1.53723	0.010	-2.77222	25.00000	Averaged	
143 7,12-dimethylbenz[a]anthrac	0.64113	0.64060	0.64060	0.010	0.08353	25.00000	Averaged	
146 Benzo(a)pyrene	1.24978	1.21984	1.21984	0.010	2.39578	20.00000	Averaged	
149 Indeno(1,2,3-cd)pyrene	1.49163	1.44278	1.44278	0.010	3.27458	25.00000	Averaged	
150 Dibenz(a,h)anthracene	1.26861	1.22923	1.22923	0.010	3.10408	25.00000	Averaged	
151 Benzo(g,h,i)perylene	1.29995	1.26054	1.26054	0.010	3.03210	25.00000	Averaged	

TestAmerica Pittsburgh

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: 731.i Injection Date: 22-JUL-2008 00:58
Lab File ID: V07220CC.D Init. Cal. Date(s): 23-JUN-2008 23-JUN-2008
Analysis Type: Init. Cal. Times: 01:40 03:50
Lab Sample ID: SSTD4.0 Quant Type: ISTD
Method: \\PITSVR06\D\chem\731.i\V072208.b\827011.m

COMPOUND	RRF / AMOUNT	RF4	CCAL RRF4	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE
$ 154 Nitrobenzene-d5	0.28638	0.28473	0.28473	0.010	0.57656	25.00000	Averaged
$ 155 2-Fluorobiphenyl	1.11552	1.17349	1.17349	0.010	-5.19678	25.00000	Averaged
$ 156 Terphenyl-d14	0.79768	0.83582	0.83582	0.010	-4.78144	25.00000	Averaged
$ 157 Phenol-d5	1.38348	1.47241	1.47241	0.010	-6.42822	25.00000	Averaged
$ 158 2-Fluorophenol	0.97084	0.98509	0.98509	0.010	-1.46756	25.00000	Averaged
$ 159 2,4,6-Tribromophenol	0.09120	0.09478	0.09478	0.010	-3.93277	25.00000	Averaged
$ 186 2-Chlorophenol-d4	1.31150	1.43386	1.43386	0.010	-9.32948	25.00000	Averaged
$ 187 1,2-Dichlorobenzene-d4	0.99835	1.07021	1.07021	0.010	-7.19859	25.00000	Averaged

TestAmerica Pittsburgh

Metals Data Reporting Form

Initial Calibration Blank Results

Instrument: ICPST **Units:** ug/L

Chart Number: T80727A.ARC

Standard Source: _____ **Standard ID:** _____

Element	WL/ Mass	Report Limit	ICB1 7/27/2008 2:57 PM Found	Q	Found	Q	Found	Q	Found	Q	Found	Q
Aluminum	308.215	200	14.2	U								
Antimony	220.353	10	0.9	U								
Arsenic	189.042	10	2.3	U								
Barium	493.409	200	0.4	U								
Beryllium	313.042	4	0.3	U								
Cadmium	226.502	5	0.5	U								
Calcium	317.933	6000	251.0	U								
Chromium	267.716	5	0.8	U								
Cobalt	228.616	50	**0.5**	**B**								
Copper	324.753	25	1.4	U								
Iron	271.441	100	30.0	U								
Lead	220.353	3	1.6	U								
Magnesium	279.078	5000	13.1	U								
Manganese	257.61	15	0.3	U								
Nickel	231.604	40	1.0	U								
Potassium	766.491	5000	500.0	U								
Selenium	220.353	5	2.9	U								
Silver	328.068	200	0.4	U								
Sodium	330.232	5000	**-580.0**	**B**								
Thallium	190.864	10	**3.5**	**B**								
Vanadium	292.402	50	2.6	U								
Zinc	213.856	20	3.5	U								

U Result is less than the MDL
B Result is between MDL and RL

Form 3 Equivalent

METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: C8G160152 **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: C8G240000-318 **Prep Batch #...:** 8206318						
Silver	**0.057 B**	**0.50**	**mg/kg**	**SW846 6010B**	**07/24-07/27/08**	**KR4JH1AG**
		Dilution Factor: 1				
		Analysis Time..: 21:48		Analyst ID.....: 400149	Instrument ID..: TRA	
Aluminum	**2.8 B**	**20.0**	**mg/kg**	**SW846 6010B**	**07/24-07/27/08**	**KR4JH1AH**
		Dilution Factor: 1				
		Analysis Time..: 21:48		Analyst ID.....: 400149	Instrument ID..: TRA	
Arsenic	ND	1.0	mg/kg	SW846 6010B	07/24-07/27/08	KR4JH1AJ
		Dilution Factor: 1				
		Analysis Time..: 21:48		Analyst ID.....: 400149	Instrument ID..: TRA	
Barium	ND	20.0	mg/kg	SW846 6010B	07/24-07/27/08	KR4JH1AK
		Dilution Factor: 1				
		Analysis Time..: 21:48		Analyst ID.....: 400149	Instrument ID..: TRA	
Beryllium	ND	0.40	mg/kg	SW846 6010B	07/24-07/27/08	KR4JH1AL
		Dilution Factor: 1				
		Analysis Time..: 21:48		Analyst ID.....: 400149	Instrument ID..: TRA	
Calcium	ND	500	mg/kg	SW846 6010B	07/24-07/27/08	KR4JH1AM
		Dilution Factor: 1				
		Analysis Time..: 21:48		Analyst ID.....: 400149	Instrument ID..: TRA	
Cadmium	ND	0.50	mg/kg	SW846 6010B	07/24-07/27/08	KR4JH1AN
		Dilution Factor: 1				
		Analysis Time..: 21:48		Analyst ID.....: 400149	Instrument ID..: TRA	
Cobalt	ND	5.0	mg/kg	SW846 6010B	07/24-07/27/08	KR4JH1AP
		Dilution Factor: 1				
		Analysis Time..: 21:48		Analyst ID.....: 400149	Instrument ID..: TRA	
Chromium	ND	0.50	mg/kg	SW846 6010B	07/24-07/27/08	KR4JH1AQ
		Dilution Factor: 1				
		Analysis Time..: 21:48		Analyst ID.....: 400149	Instrument ID..: TRA	
Copper	ND	2.5	mg/kg	SW846 6010B	07/24-07/27/08	KR4JH1AR
		Dilution Factor: 1				
		Analysis Time..: 21:48		Analyst ID.....: 400149	Instrument ID..: TRA	
Iron	ND	10.0	mg/kg	SW846 6010B	07/24-07/27/08	KR4JH1AT
		Dilution Factor: 1				
		Analysis Time..: 21:48		Analyst ID.....: 400149	Instrument ID..: TRA	

(Continued on next page)

METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: C8G160152 **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Potassium	ND	500	mg/kg	SW846 6010B	07/24-07/27/08	KR4JH1AU
		Dilution Factor: 1				
		Analysis Time..: 21:48		Analyst ID.....: 400149	Instrument ID..: TRA	
Magnesium	ND	500	mg/kg	SW846 6010B	07/24-07/27/08	KR4JH1AV
		Dilution Factor: 1				
		Analysis Time..: 21:48		Analyst ID.....: 400149	Instrument ID..: TRA	
Manganese	ND	1.5	mg/kg	SW846 6010B	07/24-07/27/08	KR4JH1AW
		Dilution Factor: 1				
		Analysis Time..: 21:48		Analyst ID.....: 400149	Instrument ID..: TRA	
Sodium	ND	500	mg/kg	SW846 6010B	07/24-07/27/08	KR4JH1AX
		Dilution Factor: 1				
		Analysis Time..: 21:48		Analyst ID.....: 400149	Instrument ID..: TRA	
Nickel	ND	4.0	mg/kg	SW846 6010B	07/24-07/27/08	KR4JH1A0
		Dilution Factor: 1				
		Analysis Time..: 21:48		Analyst ID.....: 400149	Instrument ID..: TRA	
Lead	ND	0.30	mg/kg	SW846 6010B	07/24-07/27/08	KR4JH1A1
		Dilution Factor: 1				
		Analysis Time..: 21:48		Analyst ID.....: 400149	Instrument ID..: TRA	
Selenium	ND	0.50	mg/kg	SW846 6010B	07/24-07/27/08	KR4JH1AA
		Dilution Factor: 1				
		Analysis Time..: 21:48		Analyst ID.....: 400149	Instrument ID..: TRA	
Thallium	ND	1.0	mg/kg	SW846 6010B	07/24-07/27/08	KR4JH1AC
		Dilution Factor: 1				
		Analysis Time..: 21:48		Analyst ID.....: 400149	Instrument ID..: TRA	
Antimony	ND	1.0	mg/kg	SW846 6010B	07/24-07/27/08	KR4JH1AD
		Dilution Factor: 1				
		Analysis Time..: 21:48		Analyst ID.....: 400149	Instrument ID..: TRA	
Vanadium	ND	5.0	mg/kg	SW846 6010B	07/24-07/27/08	KR4JH1AE
		Dilution Factor: 1				
		Analysis Time..: 21:48		Analyst ID.....: 400149	Instrument ID..: TRA	
Zinc	**1.2 B**	**2.0**	**mg/kg**	**SW846 6010B**	**07/24-07/27/08**	**KR4JH1AF**
		Dilution Factor: 1				
		Analysis Time..: 21:48		Analyst ID.....: 400149	Instrument ID..: TRA	

(Continued on next page)

TestAmerica Pittsburgh

Metals Data Reporting Form

Continuing Calibration Blank Result

Instrument: ICPST **Units:** ug/L

Chart Number: T80727A.ARC

Standard Source: _____ **Standard ID:** _____

Element	WL/ Mass	Report Limit	CCB1 7/27/2008 4:09 PM Found	Q	CCB2 7/27/2008 5:17 PM Found	Q	CCB3 7/27/2008 6:27 PM Found	Q	CCB4 7/27/2008 7:38 PM Found	Q	CCB5 7/27/2008 8:49 PM Found	Q
Aluminum	308.215	200	14.2	U	14.2	U	14.2	U	**20.1**	**B**	**19.6**	**B**
Antimony	220.353	10	0.9	U	0.9	U	0.9	U	0.9	U	0.9	U
Arsenic	189.042	10	2.3	U	2.3	U	2.3	U	2.3	U	2.3	U
Barium	493.409	200	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U
Beryllium	313.042	4	0.3	U	**0.4**	**B**	**0.3**	**B**	**0.3**	**B**	**0.4**	**B**
Cadmium	226.502	5	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Calcium	317.933	6000	251.0	U	251.0	U	251.0	U	251.0	U	251.0	U
Chromium	267.716	5	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U
Cobalt	228.616	50	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U
Copper	324.753	25	1.4	U	1.4	U	1.4	U	1.4	U	1.4	U
Iron	271.441	100	30.0	U	30.0	U	30.0	U	30.0	U	30.0	U
Lead	220.353	3	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U
Magnesium	279.078	5000	13.1	U	13.1	U	13.1	U	13.1	U	13.1	U
Manganese	257.61	15	0.3	U	0.3	U	0.3	U	0.3	U	0.3	U
Nickel	231.604	40	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Potassium	766.491	5000	500.0	U	500.0	U	500.0	U	500.0	U	500.0	U
Selenium	220.353	5	2.9	U	2.9	U	2.9	U	2.9	U	2.9	U
Silver	328.068	200	**-0.4**	**B**	0.4	U	0.4	U	**0.6**	**B**	**0.5**	**B**
Sodium	330.232	5000	**-490.0**	**B**	**-590.0**	**B**	**-620.0**	**B**	**-470.0**	**B**	**-670.0**	**B**
Thallium	190.864	10	**5.6**	**B**	**5.1**	**B**	**6.4**	**B**	**5.7**	**B**	**3.2**	**B**
Vanadium	292.402	50	2.6	U	2.6	U	2.6	U	2.6	U	2.6	U
Zinc	213.856	20	3.5	U	3.5	U	3.5	U	3.5	U	3.5	U

U Result is less than the MDL
B Result is between MDL and RL

Form 3 Equivalent

TestAmerica Pittsburgh

Metals Data Reporting Form

Continuing Calibration Blank Result

Instrument: ICPST **Units:** ug/L

Chart Number: T80727A.ARC

Standard Source: _____ **Standard ID:** _____

Element	WL/ Mass	Report Limit	CCB6 7/27/2008 10:00 PM Found	Q	CCB7 7/27/2008 11:09 PM Found	Q	CCB8 7/28/2008 12:16 AM Found	Q	Found	Q	Found	Q
Aluminum	308.215	200	**21.6**	**B**	**22.7**	**B**	**30.9**	**B**				
Antimony	220.353	10	**0.9**	**B**	**1.6**	**B**	0.9	U				
Arsenic	189.042	10	2.3	U	2.3	U	2.3	U				
Barium	493.409	200	0.4	U	0.4	U	0.4	U				
Beryllium	313.042	4	**0.4**	**B**	**0.5**	**B**	0.3	U				
Cadmium	226.502	5	0.5	U	0.5	U	0.5	U				
Calcium	317.933	6000	251.0	U	251.0	U	251.0	U				
Chromium	267.716	5	0.8	U	0.8	U	0.8	U				
Cobalt	228.616	50	0.4	U	0.4	U	0.4	U				
Copper	324.753	25	1.4	U	1.4	U	1.4	U				
Iron	271.441	100	30.0	U	30.0	U	30.0	U				
Lead	220.353	3	1.6	U	1.6	U	1.6	U				
Magnesium	279.078	5000	13.1	U	13.1	U	13.1	U				
Manganese	257.61	15	0.3	U	0.3	U	0.3	U				
Nickel	231.604	40	1.0	U	1.0	U	1.0	U				
Potassium	766.491	5000	500.0	U	500.0	U	500.0	U				
Selenium	220.353	5	2.9	U	2.9	U	2.9	U				
Silver	328.068	200	0.4	U	0.4	U	0.4	U				
Sodium	330.232	5000	**-580.0**	**B**	**-540.0**	**B**	**-480.0**	**B**				
Thallium	190.864	10	**5.4**	**B**	**4.8**	**B**	**3.7**	**B**				
Vanadium	292.402	50	2.6	U	2.6	U	2.6	U				
Zinc	213.856	20	3.5	U	3.5	U	3.5	U				

U Result is less than the MDL
B Result is between MDL and RL

Form 3 Equivalent

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: C8G160152 **Matrix.....:** SO
Date Sampled...: 07/15/08 **Date Received..:** 07/16/08

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: C8G160152-004 **Prep Batch #...:** 8206318									
Silver									
	0.10	6.62	6.39	mg/kg	95		SW846 6010B	07/24-07/27/08	KRK2R1CC
	0.10	6.62	6.05	mg/kg	90	5.5	SW846 6010B	07/24-07/27/08	KRK2R1CD
			Dilution Factor: 1						
			Analysis Time..: 22:40		Instrument ID..: TRACEICP		Analyst ID.....: 400149		
			MS Run #.....: 8206196						
Aluminum									
	4450	265	7400 NC	mg/kg			SW846 6010B	07/24-07/27/08	KRK2R1CF
	4450	265	7200 NC	mg/kg			SW846 6010B	07/24-07/27/08	KRK2R1CG
			Dilution Factor: 1						
			Analysis Time..: 22:40		Instrument ID..: TRACEICP		Analyst ID.....: 400149		
			MS Run #.....: 8206196						
Arsenic									
	4.0	265	249	mg/kg	93		SW846 6010B	07/24-07/27/08	KRK2R1CJ
	4.0	265	234	mg/kg	87	6.2	SW846 6010B	07/24-07/27/08	KRK2R1CK
			Dilution Factor: 1						
			Analysis Time..: 22:40		Instrument ID..: TRACEICP		Analyst ID.....: 400149		
			MS Run #.....: 8206196						
Barium									
	38.6	265	297	mg/kg	98		SW846 6010B	07/24-07/27/08	KRK2R1CM
	38.6	265	295	mg/kg	97	0.64	SW846 6010B	07/24-07/27/08	KRK2R1CN
			Dilution Factor: 1						
			Analysis Time..: 22:40		Instrument ID..: TRACEICP		Analyst ID.....: 400149		
			MS Run #.....: 8206196						
Beryllium									
	0.47	6.62	6.50	mg/kg	91		SW846 6010B	07/24-07/27/08	KRK2R1CQ
	0.47	6.62	6.16	mg/kg	86	5.4	SW846 6010B	07/24-07/27/08	KRK2R1CR
			Dilution Factor: 1						
			Analysis Time..: 22:40		Instrument ID..: TRACEICP		Analyst ID.....: 400149		
			MS Run #.....: 8206196						
Calcium									
	63000	6620	71500	mg/kg			SW846 6010B	07/24-07/27/08	KRK2R1CU
			Qualifiers: NC						
	63000	6620	74500	mg/kg			SW846 6010B	07/24-07/27/08	KRK2R1CV
			Qualifiers: NC						
			Dilution Factor: 1						
			Analysis Time..: 22:40		Instrument ID..: TRACEICP		Analyst ID.....: 400149		
			MS Run #.....: 8206196						

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MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: C8G160152 **Matrix.....:** SO
Date Sampled...: 07/15/08 **Date Received..:** 07/16/08

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Cadmium									
	ND	6.62	5.82	mg/kg	88		SW846 6010B	07/24-07/27/08	KRK2R1CX
	ND	6.62	5.47	mg/kg	83	6.2	SW846 6010B	07/24-07/27/08	KRK2R1C0
			Dilution Factor: 1						
			Analysis Time..: 22:40		Instrument ID..: TRACEICP		Analyst ID.....: 400149		
			MS Run #.....: 8206196						
Cobalt									
	3.0	66.2	62.2	mg/kg	89		SW846 6010B	07/24-07/27/08	KRK2R1C2
	3.0	66.2	58.5	mg/kg	84	6.0	SW846 6010B	07/24-07/27/08	KRK2R1C3
			Dilution Factor: 1						
			Analysis Time..: 22:40		Instrument ID..: TRACEICP		Analyst ID.....: 400149		
			MS Run #.....: 8206196						
Chromium									
	6.0	26.5	33.3	mg/kg	103		SW846 6010B	07/24-07/27/08	KRK2R1C5
	6.0	26.5	31.4	mg/kg	96	5.7	SW846 6010B	07/24-07/27/08	KRK2R1C6
			Dilution Factor: 1						
			Analysis Time..: 22:40		Instrument ID..: TRACEICP		Analyst ID.....: 400149		
			MS Run #.....: 8206196						
Copper									
	15.3	33.1	46.6	mg/kg	95		SW846 6010B	07/24-07/27/08	KRK2R1C8
	15.3	33.1	44.4	mg/kg	88	5.0	SW846 6010B	07/24-07/27/08	KRK2R1C9
			Dilution Factor: 1						
			Analysis Time..: 22:40		Instrument ID..: TRACEICP		Analyst ID.....: 400149		
			MS Run #.....: 8206196						
Iron									
	10200	132	10800	mg/kg			SW846 6010B	07/24-07/27/08	KRK2R1DC
			Qualifiers: NC						
	10200	132	11300	mg/kg			SW846 6010B	07/24-07/27/08	KRK2R1DD
			Qualifiers: NC						
			Dilution Factor: 1						
			Analysis Time..: 22:40		Instrument ID..: TRACEICP		Analyst ID.....: 400149		
			MS Run #.....: 8206196						
Potassium									
	566	6620	7600	mg/kg	106		SW846 6010B	07/24-07/27/08	KRK2R1DF
	566	6620	7330	mg/kg	102	3.5	SW846 6010B	07/24-07/27/08	KRK2R1DG
			Dilution Factor: 1						
			Analysis Time..: 22:40		Instrument ID..: TRACEICP		Analyst ID.....: 400149		
			MS Run #.....: 8206196						

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MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: C8G160152 **Matrix.....:** SO
Date Sampled...: 07/15/08 **Date Received..:** 07/16/08

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Magnesium									
	2020	6620	8700	mg/kg	101		SW846 6010B	07/24-07/27/08	KRK2R1DJ
	2020	6620	8220	mg/kg	94	5.7	SW846 6010B	07/24-07/27/08	KRK2R1DK
			Dilution Factor: 1						
			Analysis Time..: 22:40		Instrument ID..: TRACEICP		Analyst ID.....: 400149		
			MS Run #.....: 8206196						
Manganese									
	167	66.2	233	mg/kg	100		SW846 6010B	07/24-07/27/08	KRK2R1DM
	167	66.2	244	mg/kg	116	4.6	SW846 6010B	07/24-07/27/08	KRK2R1DN
			Dilution Factor: 1						
			Analysis Time..: 22:40		Instrument ID..: TRACEICP		Analyst ID.....: 400149		
			MS Run #.....: 8206196						
Sodium									
	618	6620	6950	mg/kg	96		SW846 6010B	07/24-07/27/08	KRK2R1DQ
	618	6620	6690	mg/kg	92	3.8	SW846 6010B	07/24-07/27/08	KRK2R1DR
			Dilution Factor: 1						
			Analysis Time..: 22:40		Instrument ID..: TRACEICP		Analyst ID.....: 400149		
			MS Run #.....: 8206196						
Nickel									
	7.2	66.2	66.6	mg/kg	90		SW846 6010B	07/24-07/27/08	KRK2R1DU
	7.2	66.2	62.8	mg/kg	84	5.8	SW846 6010B	07/24-07/27/08	KRK2R1DV
			Dilution Factor: 1						
			Analysis Time..: 22:40		Instrument ID..: TRACEICP		Analyst ID.....: 400149		
			MS Run #.....: 8206196						
Lead									
	54.2	66.2	115	mg/kg	92		SW846 6010B	07/24-07/27/08	KRK2R1DX
	54.2	66.2	103 N	mg/kg	74	11	SW846 6010B	07/24-07/27/08	KRK2R1D0
			Dilution Factor: 1						
			Analysis Time..: 22:40		Instrument ID..: TRACEICP		Analyst ID.....: 400149		
			MS Run #.....: 8206196						
Selenium									
	ND	265	235	mg/kg	89		SW846 6010B	07/24-07/27/08	KRK2R1AC
	ND	265	220	mg/kg	83	6.6	SW846 6010B	07/24-07/27/08	KRK2R1AD
			Dilution Factor: 1						
			Analysis Time..: 22:40		Instrument ID..: TRACEICP		Analyst ID.....: 400149		
			MS Run #.....: 8206196						

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MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: C8G160152 **Matrix.....:** SO
Date Sampled...: 07/15/08 **Date Received..:** 07/16/08

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Thallium									
	ND	265	237	mg/kg	89		SW846 6010B	07/24-07/27/08	KRK2R1AF
	ND	265	223	mg/kg	84	5.8	SW846 6010B	07/24-07/27/08	KRK2R1AG
			Dilution Factor: 1						
			Analysis Time..: 22:40		Instrument ID..: TRACEICP		Analyst ID.....: 400149		
			MS Run #.....: 8206196						
Antimony									
	0.15	66.2	55.1	mg/kg	83		SW846 6010B	07/24-07/27/08	KRK2R1AJ
	0.15	66.2	51.4	mg/kg	77	6.8	SW846 6010B	07/24-07/27/08	KRK2R1AK
			Dilution Factor: 1						
			Analysis Time..: 22:40		Instrument ID..: TRACEICP		Analyst ID.....: 400149		
			MS Run #.....: 8206196						
Vanadium									
	15.1	66.2	78.1	mg/kg	95		SW846 6010B	07/24-07/27/08	KRK2R1AM
	15.1	66.2	74.5	mg/kg	90	4.8	SW846 6010B	07/24-07/27/08	KRK2R1AN
			Dilution Factor: 1						
			Analysis Time..: 22:40		Instrument ID..: TRACEICP		Analyst ID.....: 400149		
			MS Run #.....: 8206196						
Zinc									
	25.2	66.2	92.1	mg/kg	101		SW846 6010B	07/24-07/27/08	KRK2R1AQ
	25.2	66.2	87.8	mg/kg	95	4.7	SW846 6010B	07/24-07/27/08	KRK2R1AR
			Dilution Factor: 1						
			Analysis Time..: 22:40		Instrument ID..: TRACEICP		Analyst ID.....: 400149		
			MS Run #.....: 8206196						

MS Lot-Sample #: C8G160152-004 **Prep Batch #...:** 8207028

Mercury									
	0.28	0.221	0.538	mg/kg	115		SW846 7471A	07/25/08	KRK2R1AU
	0.28	0.221	0.529	mg/kg	111	1.6	SW846 7471A	07/25/08	KRK2R1AV
			Dilution Factor: 1						
			Analysis Time..: 09:37		Instrument ID..: HGHYDRA		Analyst ID.....: 031043		
			MS Run #.....: 8207021						

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.

N Spiked analyte recovery is outside stated control limits.

ENSR, Schenectady RI

Cyanide, Total

Lab Name:	TESTAMERICA PITTSBURGH	**Method:**	SW846 9012A
Client Name:	ENSR International	**Lot Number:**	C8G220000
Matrix:	SOLID	**Date/Time Received:**	7/17/2008 9:10:00PM

Client Sample ID	QC Sample Type	Workorder	Recovery (%)	Control Limits (%)	Prep Date - Analysis Date/Time	QC Batch	RPD / Limit (%)
CHECK SAMPLE	LCS	KRXJ61AC	97	38 - 162	7/22/2008 - 7/22/2008 15:42	8204169	
TP12(5)W(8-8.5)	MS	KRK2R1AX	NC D	75 - 125	7/22/2008 - 7/22/2008 15:50	8204169	
LAB MS/MSD	MS	KRRVH1CR	88	75 - 125	7/22/2008 - 7/22/2008 15:50	8204169	5.0 / 20
TP12(5)W(8-8.5)	MSD	KRK2R1A0	NC D	75 - 125	7/22/2008 - 7/22/2008 15:50	8204169	
LAB MS/MSD	MSD	KRRVH1CT	84	75 - 125	7/22/2008 - 7/22/2008 15:55	8204169	5.0 / 20

CASE NARRATIVE

ENSR
Schenectady RI

Lot # C8G220214

Sample Receiving:
Samples were received at TestAmerica's Pittsburgh laboratory on July 22, 2008. The cooler was received within the proper temperature range.

If project specific QC was not required for samples contained in this report and batch QC was completed on these samples, anomalous results will be discussed below.

GC/MS Volatiles:
There were no problems associated with the analysis.

GC/MS Semivolatiles:
Due to the concentration of target compounds sample SB50 (14.5-15) was analyzed at a dilution.

Metals:
The method blank had zinc detected at a concentration between the MDL and the reporting limit. The result was flagged with a "B" qualifier. Any sample associated with a method blank that had the same analyte detected had the result flagged with a "J" qualifier.

For the matrix spike and matrix spike duplicate of sample SB50(14.5-15), mercury, aluminum, and iron recoveries were not calculated due to the concentration of analyte in the sample being >4 times the concentration of spike added.

General Chemistry:
There were no problems associated with the analysis.

C8G220214

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TAL-4142 (0907)

Client: ENSR	Project Manager: JAMES EDWARDS	Date: 7/18/08	Chain of Custody Number: 395249
Address: 1001 W. SENECA ST.	Telephone Number (Area Code)/Fax Number: 607-277-5716	Lab Number:	Page 1 of 1
City: ITHACA / State: NY / Zip Code: 14850	Site Contact: JESSE LLOYD	Lab Contact:	
Project Name and Location (State): SCHENECTADY MGP / SCHENECTADY, NY	Carrier/Waybill Number:		
Contract/Purchase Order/Quote No.			

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Containers & Preservatives: Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	Analysis: TCL VOC 8260B	TCL SVOC PAH 8270C	TAL Metals 6010B 7000	Target CAT Poll 8082	Special Instructions/ Conditions of Receipt
SB50(14.5-15)	7/17/08	1350				X	X						X	X	X	X	
SB50(22-24)	7/17/08	1420				X	2						X	X	X	X	
SB50(24-26)	7/17/08	1430				X	2						X	X	X	X	

Possible Hazard Identification
[X] Non-Hazard [ ] Flammable [ ] Skin Irritant [ ] Poison B [ ] Unknown

Sample Disposal
[ ] Return To Client [X] Disposal By Lab [ ] Archive For _____ Months (A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required
[ ] 24 Hours [ ] 48 Hours [ ] 7 Days [ ] 14 Days [ ] 21 Days [X] Other ROUTINE

QC Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By	7/18/08	1430 FEDEX	1. Received By	7/22/08	1000
2. Relinquished By			2. Received By		
3. Relinquished By			3. Received By		

Comments

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

Cooler Receipt Form
TestAmerica Pittsburgh

Client: ENSR Project: _____ Quote: 72910

Cooler Rec'd & Opened for Temp. Check on: 7-22-08

Coolers Opened and Unpacked on: 7.22-08 By: _____ (Signature)

TestAmerica Pittsburgh Lot Number: C8G220214

		Yes	No	NA
1.	Were custody seals on the outside of the cooler?	✓		
	If YES, how many and where? Quantity 1 Location Front			
	Were signatures and date correct?	✓		
2.	Were custody papers included inside the cooler?	✓		
3.	Were custody papers properly filled out (ink, signed, match labels)?	✓		
4.	Did you sign the custody papers in the appropriate place?	✓		
5.	Was shippers packing slip attached to this form?	✓		
6.	Were packing materials used?	✓		
	If YES, what type? Bubble Bag			
7.	Were the samples received within the acceptable temperature range?	✓		
8.	Were the samples appropriately preserved?			✓
9.	Were all bottles sealed in separate plastic bags?	✓		
10.	Did all bottles arrive in good condition (unbroken)?	✓		
11.	Were all bottle labels complete (sample ID, preservatives, etc.)?	✓		
12.	Did all bottle labels and/or tags agree with custody papers?	✓		
13.	Were correct bottles used for tests indicated?	✓		
14.	Were all VOA vials checked for the presence of air bubbles?			✓
15.	Was a sufficient amount of sample sent in each bottle?	✓		

16. Samples received by: FEDEX UPS CLIENT DROP-OFF OTHER DHL US CARGO

Explain any discrepancies: _____

Level 2 Review _____

Was contacted on _____ by _____ to resolve discrepancies.

Cooler Receipt Form

TestAmerica Pittsburgh

P: Preserved
UP: Unpreserved

Sample ID	TMET PH<2	DMET PH<2	HG PH<2	NUT(1) PH<2	CN PH ≥12	OG TPHC PH<2	PHEN PH<2	SULF PH ≥12	TOC PH<2	TOX PH<2	VOA P/UP	hrdnss PH<2			

(1) "NUT" could include sample bottles for ammonia, chemical oxygen demand, nitrate/nitrite, TKN, or total phosphorus

Comments: _____

Cooler Number	Temperature*	Thermometer ID
1	4.6	1

*Acceptable Temperature Range: 4°C ± 2°C

Sample	Lot Number**

**Please use an asterisk if bottle lot number was covered by the label

If samples required preservation in the laboratory, the following lot number(s) was/were used:

Nitric Acid _____ Hydrochloric Acid _____

Sulfuric Acid _____ Sodium Hydroxide _____

TestAmerica Pittsburgh

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: hp3.i Injection Date: 25-JUL-2008 04:57
Lab File ID: CC30725.D Init. Cal. Date(s): 28-JUN-2008 30-JUN-2008
Analysis Type: SOIL Init. Cal. Times: 10:14 08:12
Lab Sample ID: vstd40 Quant Type: ISTD
Method: \\pitsvr06\d\chem\hp3.i\3072508d.b\8260bsoil.m

COMPOUND	RRF / AMOUNT	RF40	CCAL RRF40	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE	
$ 39 Dibromofluoromethane	0.22840	0.19481	0.19481	0.010	14.70686	25.00000	Averaged	
$ 43 1,2-Dichloroethane-d4	0.28403	0.26743	0.26743	0.010	5.84506	25.00000	Averaged	
$ 59 Toluene-d8	4.52790	3.97511	3.97511	0.010	12.21011	25.00000	Averaged	
$ 80 Bromofluorobenzene	1.77293	1.58132	1.58132	0.010	10.80763	25.00000	Averaged	
1 Dichlorodifluoromethane	0.29973	0.26367	0.26367	0.010	12.03103	25.00000	Averaged	
2 Chloromethane	0.38365	0.37607	0.37607	0.100	1.97429	25.00000	Averaged	
3 Vinyl Chloride	0.44515	0.41108	0.41108	0.010	7.65349	20.00000	Averaged	
4 Bromomethane	0.10681	0.08820	0.08820	0.010	17.42035	25.00000	Averaged	
5 Chloroethane	0.13242	0.06788	0.06788	0.010	48.73763	25.00000	Averaged	<-
166 Trichlorofluoromethane	0.20850	0.16382	0.16382	0.010	21.42970	25.00000	Averaged	
10 1,1,2-trichloro-1,2,2-trifl	0.26180	0.21995	0.21995	0.010	15.98529	25.00000	Averaged	
12 1,1-Dichloroethene	0.26335	0.22252	0.22252	0.010	15.50530	20.00000	Averaged	
15 Carbon Disulfide	0.86492	0.73091	0.73091	0.010	15.49402	25.00000	Averaged	
13 Acetone	200	200	0.11998	0.010	-0.18286	0.000e+000	Quadratic	
18 Methylene Chloride	200	180	0.27969	0.010	9.79660	0.000e+000	Quadratic	
19 trans-1,2-Dichloroethene	0.30055	0.25840	0.25840	0.010	14.02401	25.00000	Averaged	
20 Methyl tert-butyl ether	0.92487	0.82540	0.82540	0.010	10.75459	25.00000	Averaged	
24 1,1-Dichloroethane	0.55459	0.50209	0.50209	0.100	9.46711	25.00000	Averaged	
27 2,2-Dichloropropane	0.33248	0.27454	0.27454	0.010	17.42728	25.00000	Averaged	
28 cis-1,2-dichloroethene	0.31907	0.26639	0.26639	0.010	16.50936	25.00000	Averaged	
M 29 1,2-Dichloroethene (total)	0.30981	0.26240	0.26240	0.010	15.30382	25.00000	Averaged	
30 Bromochloromethane	0.13540	0.10780	0.10780	0.010	20.38398	25.00000	Averaged	
31 2-Butanone	0.16327	0.17088	0.17088	0.010	-4.66096	25.00000	Averaged	
37 Chloroform	0.48194	0.40910	0.40910	0.010	15.11490	20.00000	Averaged	
38 1,1,1-Trichloroethane	0.38568	0.33360	0.33360	0.010	13.50232	25.00000	Averaged	
40 1,1-Dichloropropene	0.40639	0.35265	0.35265	0.010	13.22336	25.00000	Averaged	
41 Carbon Tetrachloride	0.32805	0.26442	0.26442	0.010	19.39451	25.00000	Averaged	
42 Benzene	1.18949	1.09765	1.09765	0.010	7.72091	25.00000	Averaged	
45 1,2-Dichloroethane	0.36325	0.33418	0.33418	0.010	8.00107	25.00000	Averaged	
47 Trichloroethene	0.27374	0.22970	0.22970	0.010	16.09025	25.00000	Averaged	
49 1,2-Dichloropropane	0.28621	0.28603	0.28603	0.010	0.06403	20.00000	Averaged	
50 Dibromomethane	0.14881	0.13077	0.13077	0.010	12.12443	25.00000	Averaged	
53 Bromodichloromethane	0.31497	0.28003	0.28003	0.010	11.09405	25.00000	Averaged	
57 cis-1,3-Dichloropropene	0.39855	0.40099	0.40099	0.010	-0.61340	25.00000	Averaged	
58 4-Methyl-2-Pentanone	1.60277	1.54286	1.54286	0.010	3.73821	25.00000	Averaged	
60 Toluene	5.60627	4.75278	4.75278	0.010	15.22387	20.00000	Averaged	
61 trans-1,3-Dichloropropene	1.74011	1.64544	1.64544	0.010	5.44021	25.00000	Averaged	
63 1,3-Dichloropropane	1.85095	1.73984	1.73984	0.010	6.00253	25.00000	Averaged	
64 1,1,2-Trichloroethane	1.01440	0.91622	0.91622	0.010	9.67941	25.00000	Averaged	
65 Tetrachloroethene	1.03973	0.82214	0.82214	0.010	20.92756	25.00000	Averaged	
66 2-Hexanone	1.03703	1.09260	1.09260	0.010	-5.35801	25.00000	Averaged	
67 Dibromochloromethane	1.00245	0.79453	0.79453	0.010	20.74150	25.00000	Averaged	
68 1,2-Dibromoethane	1.02690	0.89801	0.89801	0.010	12.55077	25.00000	Averaged	

TestAmerica Pittsburgh

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: hp3.i Injection Date: 25-JUL-2008 04:57
Lab File ID: CC30725.D Init. Cal. Date(s): 28-JUN-2008 30-JUN-2008
Analysis Type: SOIL Init. Cal. Times: 10:14 08:12
Lab Sample ID: vstd40 Quant Type: ISTD
Method: \\pitsvr06\d\chem\hp3.i\3072508d.b\8260bsoil.m

COMPOUND	RRF / AMOUNT	RF40	CCAL RRF40	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE
70 Chlorobenzene	3.33870	2.87610	2.87610	0.300	13.85570	25.00000	Averaged
71 1,1,1,2-Tetrachloroethane	1.20896	0.90797	0.90797	0.010	24.89683	25.00000	Averaged
72 Ethylbenzene	1.94786	1.66456	1.66456	0.010	14.54409	20.00000	Averaged
73 m + p-Xylene	2.39520	2.05710	2.05710	0.010	14.11552	25.00000	Averaged
74 Xylene-o	2.51767	2.05508	2.05508	0.010	18.37387	25.00000	Averaged
76 Styrene	3.99137	3.46610	3.46610	0.010	13.15994	25.00000	Averaged
77 Bromoform	0.73290	0.54309	0.54309	0.100	25.89814	25.00000	Averaged
78 Isopropylbenzene	6.55213	5.50581	5.50581	0.010	15.96923	25.00000	Averaged
79 Bromobenzene	0.81219	0.77632	0.77632	0.010	4.41608	25.00000	Averaged
81 n-Propylbenzene	1.00880	0.99267	0.99267	0.010	1.59911	25.00000	Averaged
82 2-Chlorotoluene	0.83164	0.79530	0.79530	0.010	4.37053	25.00000	Averaged
83 1,1,2,2-Tetrachloroethane	1.70570	1.43670	1.43670	0.300	15.77056	25.00000	Averaged
84 1,2,3-Trichloropropane	0.30187	0.29944	0.29944	0.010	0.80424	25.00000	Averaged
85 4-Chlorotoluene	0.80999	0.77014	0.77014	0.010	4.91922	25.00000	Averaged
86 1,3,5-Trimethylbenzene	3.09755	3.13541	3.13541	0.010	-1.22229	25.00000	Averaged
87 tert-Butylbenzene	2.58468	2.66694	2.66694	0.010	-3.18254	25.00000	Averaged
88 1,2,4-Trimethylbenzene	3.11718	3.15812	3.15812	0.010	-1.31341	25.00000	Averaged
89 sec-Butylbenzene	3.93224	4.09647	4.09647	0.010	-4.17667	25.00000	Averaged
90 4-Isopropyltoluene	3.38783	3.44742	3.44742	0.010	-1.75908	25.00000	Averaged
91 1,3-Dichlorobenzene	1.65704	1.53938	1.53938	0.010	7.10024	25.00000	Averaged
93 1,4-Dichlorobenzene	1.69711	1.55516	1.55516	0.010	8.36423	25.00000	Averaged
94 n-Butylbenzene	3.17525	3.24402	3.24402	0.010	-2.16574	25.00000	Averaged
95 1,2-Dichlorobenzene	1.61757	1.47347	1.47347	0.010	8.90846	25.00000	Averaged
96 1,2-Dibromo-3-chloropropane	0.23667	0.18976	0.18976	0.010	19.82192	25.00000	Averaged
97 1,2,4-Trichlorobenzene	1.20775	1.09721	1.09721	0.010	9.15237	25.00000	Averaged
98 Hexachlorobutadiene	0.57741	0.54099	0.54099	0.010	6.30813	25.00000	Averaged
99 Naphthalene	3.00914	2.94851	2.94851	0.010	2.01495	25.00000	Averaged
100 1,2,3-Trichlorobenzene	1.05455	1.01387	1.01387	0.010	3.85747	25.00000	Averaged
156 Methyl Acetate	0.29127	0.26609	0.26609	0.010	8.64392	25.00000	Averaged
157 Cyclohexane	0.62477	0.58911	0.58911	0.010	5.70812	25.00000	Averaged
158 Methyl Cyclohexane	0.61635	0.53380	0.53380	0.010	13.39442	25.00000	Averaged
165 1,3,5-Trichlorobenzene	1.36889	1.24582	1.24582	0.010	8.98999	50.00000	Averaged
M 75 Xylenes (total)	2.43602	2.05643	2.05643	0.010	15.58255	25.00000	Averaged

TestAmerica Pittsburgh

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: hp3.i Injection Date: 28-JUL-2008 05:30
Lab File ID: 1C30728.D Init. Cal. Date(s): 28-JUN-2008 30-JUN-2008
Analysis Type: SOIL Init. Cal. Times: 10:14 08:12
Lab Sample ID: vstd40 Quant Type: ISTD
Method: \\pitsvr06\d\chem\hp3.i\3072808d.b\8260bsoil.m

COMPOUND	RRF / AMOUNT	RF40	CCAL RRF40	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE	
$ 39 Dibromofluoromethane	0.22840	0.19419	0.19419	0.010	14.97879	25.00000	Averaged	
$ 43 1,2-Dichloroethane-d4	0.28403	0.27694	0.27694	0.010	2.49440	25.00000	Averaged	
$ 59 Toluene-d8	4.52798	4.06295	4.06295	0.010	10.27009	25.00000	Averaged	
$ 80 Bromofluorobenzene	1.77293	1.67629	1.67629	0.010	5.45071	25.00000	Averaged	
1 Dichlorodifluoromethane	0.29973	0.26371	0.26371	0.010	12.01825	25.00000	Averaged	
2 Chloromethane	0.38365	0.41406	0.41406	0.100	-7.92766	25.00000	Averaged	
3 Vinyl Chloride	0.44515	0.42453	0.42453	0.010	4.63051	20.00000	Averaged	
4 Bromomethane	0.10681	0.09908	0.09908	0.010	7.24041	25.00000	Averaged	
5 Chloroethane	0.13242	0.07930	0.07930	0.010	40.11925	25.00000	Averaged	<-
166 Trichlorofluoromethane	0.20850	0.19656	0.19656	0.010	5.72670	25.00000	Averaged	
10 1,1,2-trichloro-1,2,2-trifl	0.26180	0.23721	0.23721	0.010	9.39326	25.00000	Averaged	
12 1,1-Dichloroethene	0.26335	0.22416	0.22416	0.010	14.88298	20.00000	Averaged	
15 Carbon Disulfide	0.86492	0.70461	0.70461	0.010	18.53457	25.00000	Averaged	
13 Acetone	200	220	0.12929	0.010	-10.14087	0.000e+000	Quadratic	
18 Methylene Chloride	200	174	0.27023	0.010	13.06884	0.000e+000	Quadratic	
19 trans-1,2-Dichloroethene	0.30055	0.24147	0.24147	0.010	19.65694	25.00000	Averaged	
20 Methyl tert-butyl ether	0.92487	0.80431	0.80431	0.010	13.03525	25.00000	Averaged	
24 1,1-Dichloroethane	0.56459	0.48607	0.48607	0.100	12.35601	25.00000	Averaged	
27 2,2-Dichloropropane	0.33248	0.25173	0.25173	0.010	24.28847	25.00000	Averaged	
28 cis-1,2-dichloroethene	0.31907	0.26544	0.26544	0.010	16.80651	25.00000	Averaged	
M 29 1,2-Dichloroethene (total)	0.30981	0.25346	0.25346	0.010	18.18914	25.00000	Averaged	
30 Bromochloromethane	0.13540	0.10887	0.10887	0.010	19.58871	25.00000	Averaged	
31 2-Butanone	0.16327	0.19249	0.19249	0.010	-17.89793	25.00000	Averaged	
37 Chloroform	0.48194	0.40797	0.40797	0.010	15.34911	20.00000	Averaged	
38 1,1,1-Trichloroethane	0.38568	0.31762	0.31762	0.010	17.64640	25.00000	Averaged	
40 1,1-Dichloropropene	0.40639	0.35667	0.35667	0.010	12.23358	25.00000	Averaged	
41 Carbon Tetrachloride	0.32805	0.26652	0.26652	0.010	18.75486	25.00000	Averaged	
42 Benzene	1.18949	1.08827	1.08827	0.010	8.50904	25.00000	Averaged	
45 1,2-Dichloroethane	0.36325	0.34614	0.34614	0.010	4.71059	25.00000	Averaged	
47 Trichloroethene	0.27374	0.23201	0.23201	0.010	15.24732	25.00000	Averaged	
49 1,2-Dichloropropane	0.28621	0.28858	0.28858	0.010	-0.82651	20.00000	Averaged	
50 Dibromomethane	0.14881	0.14003	0.14003	0.010	5.90326	25.00000	Averaged	
53 Bromodichloromethane	0.31497	0.29467	0.29467	0.010	6.44572	25.00000	Averaged	
57 cis-1,3-Dichloropropene	0.39855	0.41324	0.41324	0.010	-3.68619	25.00000	Averaged	
58 4-Methyl-2-Pentanone	1.60277	1.64087	1.64087	0.010	-2.37719	25.00000	Averaged	
60 Toluene	5.60627	4.90258	4.90258	0.010	12.55176	20.00000	Averaged	
61 trans-1,3-Dichloropropene	1.74011	1.77429	1.77429	0.010	-1.96439	25.00000	Averaged	
63 1,3-Dichloropropane	1.85095	1.90696	1.90696	0.010	-3.02626	25.00000	Averaged	
64 1,1,2-Trichloroethane	1.01440	1.00893	1.00893	0.010	0.53934	25.00000	Averaged	
65 Tetrachloroethene	1.03973	0.87088	0.87088	0.010	16.23979	25.00000	Averaged	
66 2-Hexanone	1.03703	1.20738	1.20738	0.010	-16.42691	25.00000	Averaged	
67 Dibromochloromethane	1.00245	0.87243	0.87243	0.010	12.97093	25.00000	Averaged	
68 1,2-Dibromoethane	1.02690	0.98253	0.98253	0.010	4.31991	25.00000	Averaged	

TestAmerica Pittsburgh

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: hp3.i
Lab File ID: 1C30728.D
Analysis Type: SOIL
Lab Sample ID: vstd40
Method: \\pitsvr06\d\chem\hp3.i\3072808d.b\8260bsoil.m

Injection Date: 28-JUL-2008 05:30
Init. Cal. Date(s): 28-JUN-2008 30-JUN-2008
Init. Cal. Times: 10:14 08:12
Quant Type: ISTD

COMPOUND	RRF / AMOUNT	RF40	CCAL RRF40	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE
70 Chlorobenzene	3.33870	3.04041	3.04041	0.300	8.93426	25.00000	Averaged
71 1,1,1,2-Tetrachloroethane	1.20896	0.99472	0.99472	0.010	17.72116	25.00000	Averaged
72 Ethylbenzene	1.94786	1.74717	1.74717	0.010	10.30331	20.00000	Averaged
73 m + p-Xylene	2.39520	2.15004	2.15004	0.010	10.23525	25.00000	Averaged
74 Xylene-o	2.51767	2.17397	2.17397	0.010	13.65158	25.00000	Averaged
76 Styrene	3.99137	3.73403	3.73403	0.010	6.44743	25.00000	Averaged
77 Bromoform	0.73290	0.63715	0.63715	0.100	13.06438	25.00000	Averaged
78 Isopropylbenzene	6.55213	5.90044	5.90044	0.010	9.94625	25.00000	Averaged
79 Bromobenzene	0.81219	0.74386	0.74386	0.010	8.41338	25.00000	Averaged
81 n-Propylbenzene	1.00880	0.92474	0.92474	0.010	8.33271	25.00000	Averaged
82 2-Chlorotoluene	0.83164	0.74866	0.74866	0.010	9.97781	25.00000	Averaged
83 1,1,2,2-Tetrachloroethane	1.70570	1.68720	1.68720	0.300	1.08471	25.00000	Averaged
84 1,2,3-Trichloropropane	0.30187	0.30414	0.30414	0.010	-0.75465	25.00000	Averaged
85 4-Chlorotoluene	0.80999	0.72963	0.72963	0.010	9.92036	25.00000	Averaged
86 1,3,5-Trimethylbenzene	3.09755	2.98836	2.98836	0.010	3.52507	25.00000	Averaged
87 tert-Butylbenzene	2.58468	2.59209	2.59209	0.010	-0.28694	25.00000	Averaged
88 1,2,4-Trimethylbenzene	3.11718	3.03133	3.03133	0.010	2.75468	25.00000	Averaged
89 sec-Butylbenzene	3.93224	3.89729	3.89729	0.010	0.88863	25.00000	Averaged
90 4-Isopropyltoluene	3.38783	3.29841	3.29841	0.010	2.63942	25.00000	Averaged
91 1,3-Dichlorobenzene	1.65704	1.55360	1.55360	0.010	6.24259	25.00000	Averaged
93 1,4-Dichlorobenzene	1.69711	1.58249	1.58249	0.010	6.76377	25.00000	Averaged
94 n-Butylbenzene	3.17525	3.16759	3.16759	0.010	0.24124	25.00000	Averaged
95 1,2-Dichlorobenzene	1.61757	1.48933	1.48933	0.010	7.92801	25.00000	Averaged
96 1,2-Dibromo-3-chloropropane	0.23667	0.21691	0.21691	0.010	8.34737	25.00000	Averaged
97 1,2,4-Trichlorobenzene	1.20775	1.12515	1.12515	0.010	6.83867	25.00000	Averaged
98 Hexachlorobutadiene	0.57741	0.56584	0.56584	0.010	2.00391	25.00000	Averaged
99 Naphthalene	3.00914	3.10522	3.10522	0.010	-3.19306	25.00000	Averaged
100 1,2,3-Trichlorobenzene	1.05455	1.04089	1.04089	0.010	1.29572	25.00000	Averaged
156 Methyl Acetate	0.29127	0.27939	0.27939	0.010	4.07844	25.00000	Averaged
157 Cyclohexane	0.62477	0.55052	0.55052	0.010	11.88523	25.00000	Averaged
158 Methyl Cyclohexane	0.61635	0.50824	0.50824	0.010	17.54019	25.00000	Averaged
165 1,3,5-Trichlorobenzene	1.36889	1.22380	1.22380	0.010	10.59887	50.00000	Averaged
M 75 Xylenes (total)	2.43602	2.15802	2.15802	0.010	11.41220	25.00000	Averaged

TestAmerica Pittsburgh

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: 731.i Injection Date: 28-JUL-2008 00:25
Lab File ID: V07280CC.D Init. Cal. Date(s): 23-JUN-2008 23-JUN-2008
Analysis Type: Init. Cal. Times: 01:40 03:50
Lab Sample ID: SSTD4.0 Quant Type: ISTD
Method: \\PITSVR06\D\chem\731.i\V072808.b\8270ll.m

COMPOUND	RRF / AMOUNT	RF4	CCAL RRF4	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE	
198 1,4-Dioxane	0.17553	0.16481	0.16481	0.010	6.10509	25.00000	Averaged	
10 N-Nitrosodimethylamine	0.25111	0.25273	0.25273	0.010	-0.64710	25.00000	Averaged	
9 Pyridine	0.48081	0.47559	0.47559	0.010	1.08651	25.00000	Averaged	
16 Methyl methanesulfonate	0.44876	0.44512	0.44512	0.010	0.81036	25.00000	Averaged	
206 Benzaldehyde	0.79762	0.37257	0.37257	0.010	53.28943	25.00000	Averaged	<-
21 Aniline	1.70089	1.74534	1.74534	0.010	-2.61316	25.00000	Averaged	
22 Phenol	1.51370	1.57332	1.57332	0.010	-3.93859	20.00000	Averaged	
23 bis(2-Chloroethyl)ether	1.07231	1.05380	1.05380	0.010	1.72546	25.00000	Averaged	
24 2-Chlorophenol	1.37646	1.41371	1.41371	0.010	-2.70566	25.00000	Averaged	
26 1,3-Dichlorobenzene	1.57938	1.65401	1.65401	0.010	-4.72551	25.00000	Averaged	
27 1,4-Dichlorobenzene	1.62219	1.62170	1.62170	0.010	0.03067	20.00000	Averaged	
28 1,2-Dichlorobenzene	1.56566	1.63796	1.63796	0.010	-4.61801	25.00000	Averaged	
29 Benzyl Alcohol	0.76857	0.64305	0.64305	0.010	16.33258	25.00000	Averaged	
30 2-Methylphenol	1.23786	1.20141	1.20141	0.010	2.94458	25.00000	Averaged	
31 2,2'-oxybis(1-Chloropropane	1.82306	1.77953	1.77953	0.010	2.38785	25.00000	Averaged	
37 Acetophenone	1.73891	1.81435	1.81435	0.010	-4.33791	25.00000	Averaged	
32 N-Nitroso-di-n-propylamine	0.76124	0.78433	0.78433	0.050	-3.03423	50.00000	Averaged	
192 4-Methylphenol	1.29782	1.32913	1.32913	0.010	-2.41289	25.00000	Averaged	
34 Hexachloroethane	0.74571	0.75481	0.75481	0.010	-1.22122	25.00000	Averaged	
35 Nitrobenzene	0.28102	0.29457	0.29457	0.010	-4.82137	25.00000	Averaged	
41 Isophorone	0.52667	0.51343	0.51343	0.010	2.51415	25.00000	Averaged	
42 2-Nitrophenol	0.17074	0.17168	0.17168	0.010	-0.55174	20.00000	Averaged	
43 2,4-Dimethylphenol	0.30160	0.31531	0.31531	0.010	-4.54405	25.00000	Averaged	
44 bis(2-Chloroethoxy)methane	0.34462	0.36379	0.36379	0.010	-5.56260	25.00000	Averaged	
48 2,4-Dichlorophenol	0.28704	0.29875	0.29875	0.010	-4.07789	20.00000	Averaged	
49 Benzoic Acid	0.19980	0.23459	0.23459	0.010	-17.41374	25.00000	Averaged	
50 1,2,4-Trichlorobenzene	0.32909	0.34138	0.34138	0.010	-3.73386	25.00000	Averaged	
51 Naphthalene	1.05475	1.13516	1.13516	0.010	-7.62271	25.00000	Averaged	
52 4-Chloroaniline	0.44261	0.46554	0.46554	0.010	-5.18065	25.00000	Averaged	
54 2,6-Dichlorophenol	0.31157	0.32981	0.32981	0.010	-5.85583	25.00000	Averaged	
56 Hexachlorobutadiene	0.17861	0.18590	0.18590	0.010	-4.08481	20.00000	Averaged	
208 Caprolactam	0.09478	0.08446	0.08446	0.010	10.89569	25.00000	Averaged	
59 4-Chloro-3-Methylphenol	0.29375	0.29647	0.29647	0.010	-0.92584	20.00000	Averaged	
62 2-Methylnaphthalene	0.75357	0.79031	0.79031	0.010	-4.87569	25.00000	Averaged	
63 1-Methylnaphthalene	0.76753	0.79481	0.79481	0.010	-3.55464	25.00000	Averaged	
64 Hexachlorocyclopentadiene	0.28226	0.27207	0.27207	0.050	3.61090	50.00000	Averaged	
66 2,4,6-Trichlorophenol	0.31971	0.33507	0.33507	0.010	-4.80371	20.00000	Averaged	
67 2,4,5-Trichlorophenol	0.35704	0.34414	0.34414	0.010	3.61272	25.00000	Averaged	
209 1,1'-Biphenyl	1.29916	1.37240	1.37240	0.010	-5.63754	25.00000	Averaged	
70 2-Chloronaphthalene	1.02805	1.11264	1.11264	0.010	-8.22736	25.00000	Averaged	
73 2-Nitroaniline	0.25304	0.25427	0.25427	0.010	-0.48667	25.00000	Averaged	
76 Dimethylphthalate	1.10052	1.10829	1.10829	0.010	-0.70656	25.00000	Averaged	

TestAmerica Pittsburgh

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: 731.i Injection Date: 28-JUL-2008 00:25
Lab File ID: V07280CC.D Init. Cal. Date(s): 23-JUN-2008 23-JUN-2008
Analysis Type: Init. Cal. Times: 01:40 03:50
Lab Sample ID: SSTD4.0 Quant Type: ISTD
Method: \\PITSVR06\D\chem\731.i\V072808.b\827011.m

COMPOUND	RRF / AMOUNT	RF4	CCAL RRF4	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE
78 2,6-Dinitrotoluene	0.24094	0.23678	0.23678	0.010	1.72574	25.00000	Averaged
79 Acenaphthylene	1.77824	1.81551	1.81551	0.010	-2.09604	25.00000	Averaged
81 3-Nitroaniline	0.31221	0.31318	0.31318	0.010	-0.31177	25.00000	Averaged
82 Acenaphthene	1.09222	1.12188	1.12188	0.010	-2.71621	20.00000	Averaged
83 2,4-Dinitrophenol	10.00000	9.35877	0.11496	0.050	6.41226	0.000e+000	Quadratic
85 4-Nitrophenol	0.14218	0.14825	0.14825	0.050	-4.26791	50.00000	Averaged
86 Dibenzofuran	1.59510	1.62924	1.62924	0.010	-2.14012	25.00000	Averaged
87 2,4-Dinitrotoluene	0.33782	0.35084	0.35084	0.010	-3.85478	25.00000	Averaged
91 2,3,5,6-Tetrachlorophenol	0.30027	0.30124	0.30124	0.010	-0.32005	25.00000	Averaged
88 2,3,4,6-Tetrachlorophenol	0.30387	0.31009	0.31009	0.010	-2.04825	25.00000	Averaged
92 2-Naphthylamine	1.12010	1.04921	1.04921	0.010	6.32852	25.00000	Averaged
93 Diethylphthalate	1.21568	1.22973	1.22973	0.010	-1.15636	25.00000	Averaged
94 Fluorene	1.24612	1.36791	1.36791	0.010	-9.77360	25.00000	Averaged
95 4-Chlorophenyl-phenylether	0.57672	0.60659	0.60659	0.010	-5.17826	25.00000	Averaged
96 4-Nitroaniline	0.32260	0.33485	0.33485	0.010	-3.79950	25.00000	Averaged
98 4,6-Dinitro-2-methylphenol	0.09759	0.09847	0.09847	0.010	-0.91036	25.00000	Averaged
99 N-Nitrosodiphenylamine (1)	0.47516	0.47703	0.47703	0.010	-0.39337	20.00000	Averaged
100 1,2-Diphenylhydrazine	0.61592	0.64565	0.64565	0.010	-4.82561	25.00000	Averaged
106 4-Bromophenyl-phenylether	0.17238	0.17659	0.17659	0.010	-2.44165	25.00000	Averaged
107 Hexachlorobenzene	0.19137	0.20422	0.20422	0.010	-6.71661	25.00000	Averaged
210 Atrazine	0.16839	0.15831	0.15831	0.010	5.98453	25.00000	Averaged
111 Pentachlorophenol	0.13023	0.13495	0.13495	0.010	-3.62410	20.00000	Averaged
115 Phenanthrene	1.01864	1.07572	1.07572	0.010	-5.60408	25.00000	Averaged
116 Anthracene	1.04500	1.11370	1.11370	0.010	-6.57332	25.00000	Averaged
119 Carbazole	1.00772	1.07343	1.07343	0.010	-6.52079	25.00000	Averaged
120 Di-n-Butylphthalate	1.24935	1.29445	1.29445	0.010	-3.60978	25.00000	Averaged
123 Fluoranthene	1.22938	1.27283	1.27283	0.010	-3.53400	20.00000	Averaged
124 Benzidine	0.59886	0.68190	0.68190	0.010	-13.86581	25.00000	Averaged
125 Pyrene	1.29327	1.32389	1.32389	0.010	-2.36755	25.00000	Averaged
131 Butylbenzylphthalate	0.62558	0.61241	0.61241	0.010	2.10597	25.00000	Averaged
135 3,3'-Dichlorobenzidine	0.48806	0.42819	0.42819	0.010	12.26842	25.00000	Averaged
136 Benzo(a)Anthracene	1.17669	1.20901	1.20901	0.010	-2.74598	25.00000	Averaged
137 Chrysene	1.16559	1.22776	1.22776	0.010	-5.33418	25.00000	Averaged
139 bis(2-ethylhexyl)Phthalate	0.91674	0.84608	0.84608	0.010	7.70815	25.00000	Averaged
140 Di-n-octylphthalate	1.55674	1.35778	1.35778	0.010	12.78026	20.00000	Averaged
141 Benzo(b)fluoranthene	1.43902	1.33668	1.33668	0.010	7.11175	25.00000	Averaged
142 Benzo(k)fluoranthene	1.49576	1.69343	1.69343	0.010	-13.21546	25.00000	Averaged
143 7,12-dimethylbenz(a)anthrac	0.64113	0.62860	0.62860	0.010	1.95503	25.00000	Averaged
146 Benzo(a)pyrene	1.24978	1.26552	1.26552	0.010	-1.25886	20.00000	Averaged
149 Indeno(1,2,3-cd)pyrene	1.49163	1.41253	1.41253	0.010	5.30284	25.00000	Averaged
150 Dibenz(a,h)anthracene	1.26861	1.21446	1.21446	0.010	4.26832	25.00000	Averaged
151 Benzo(g,h,i)perylene	1.29995	1.27215	1.27215	0.010	2.13834	25.00000	Averaged

TestAmerica Pittsburgh

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: 731.i Injection Date: 28-JUL-2008 00:25
Lab File ID: V07280CC.D Init. Cal. Date(s): 23-JUN-2008 23-JUN-2008
Analysis Type: Init. Cal. Times: 01:40 03:50
Lab Sample ID: SSTD4.0 Quant Type: ISTD
Method: \\PITSVR06\D\chem\731.i\V072808.b\827011.m

COMPOUND	RRF / AMOUNT	RF4	CCAL RRF4	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE
$ 154 Nitrobenzene-d5	0.28638	0.29170	0.29170	0.010	-1.85855	25.00000	Averaged
$ 155 2-Fluorobiphenyl	1.11552	1.20272	1.20272	0.010	-7.81705	25.00000	Averaged
$ 156 Terphenyl-d14	0.79768	0.78746	0.78746	0.010	1.28170	25.00000	Averaged
$ 157 Phenol-d5	1.38348	1.44268	1.44268	0.010	-4.27925	25.00000	Averaged
$ 158 2-Fluorophenol	0.97084	0.91100	0.91100	0.010	6.16370	25.00000	Averaged
$ 159 2,4,6-Tribromophenol	0.09120	0.09324	0.09324	0.010	-2.24068	25.00000	Averaged
$ 186 2-Chlorophenol-d4	1.31150	1.37403	1.37403	0.010	-4.76790	25.00000	Averaged
$ 187 1,2-Dichlorobenzene-d4	0.99835	1.07334	1.07334	0.010	-7.51172	25.00000	Averaged

METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: C8G220214 **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: C8G310000-170 **Prep Batch #...:** 8213170						
Silver	ND	0.50	mg/kg	SW846 6010B	07/31-08/11/08	KTE7R1AG
		Dilution Factor: 1				
		Analysis Time..: 20:58		Analyst ID.....: 022952	Instrument ID..: TRA	
Aluminum	ND	20.0	mg/kg	SW846 6010B	07/31-08/11/08	KTE7R1AH
		Dilution Factor: 1				
		Analysis Time..: 20:58		Analyst ID.....: 022952	Instrument ID..: TRA	
Arsenic	ND	1.0	mg/kg	SW846 6010B	07/31-08/11/08	KTE7R1AJ
		Dilution Factor: 1				
		Analysis Time..: 20:58		Analyst ID.....: 022952	Instrument ID..: TRA	
Barium	ND	20.0	mg/kg	SW846 6010B	07/31-08/11/08	KTE7R1AK
		Dilution Factor: 1				
		Analysis Time..: 20:58		Analyst ID.....: 022952	Instrument ID..: TRA	
Beryllium	ND	0.40	mg/kg	SW846 6010B	07/31-08/11/08	KTE7R1AL
		Dilution Factor: 1				
		Analysis Time..: 20:58		Analyst ID.....: 022952	Instrument ID..: TRA	
Calcium	ND	500	mg/kg	SW846 6010B	07/31-08/11/08	KTE7R1AM
		Dilution Factor: 1				
		Analysis Time..: 20:58		Analyst ID.....: 022952	Instrument ID..: TRA	
Cadmium	ND	0.50	mg/kg	SW846 6010B	07/31-08/11/08	KTE7R1AN
		Dilution Factor: 1				
		Analysis Time..: 20:58		Analyst ID.....: 022952	Instrument ID..: TRA	
Cobalt	ND	5.0	mg/kg	SW846 6010B	07/31-08/11/08	KTE7R1AP
		Dilution Factor: 1				
		Analysis Time..: 20:58		Analyst ID.....: 022952	Instrument ID..: TRA	
Chromium	ND	0.50	mg/kg	SW846 6010B	07/31-08/11/08	KTE7R1AQ
		Dilution Factor: 1				
		Analysis Time..: 20:58		Analyst ID.....: 022952	Instrument ID..: TRA	
Copper	ND	2.5	mg/kg	SW846 6010B	07/31-08/11/08	KTE7R1AR
		Dilution Factor: 1				
		Analysis Time..: 20:58		Analyst ID.....: 022952	Instrument ID..: TRA	
Iron	ND	10.0	mg/kg	SW846 6010B	07/31-08/11/08	KTE7R1AT
		Dilution Factor: 1				
		Analysis Time..: 20:58		Analyst ID.....: 022952	Instrument ID..: TRA	

(Continued on next page)

METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: C8G220214 **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Potassium	ND	500	mg/kg	SW846 6010B	07/31-08/11/08	KTE7R1AU
		Dilution Factor: 1				
		Analysis Time..: 20:58		Analyst ID.....: 022952	Instrument ID..: TRA	
Magnesium	ND	500	mg/kg	SW846 6010B	07/31-08/11/08	KTE7R1AV
		Dilution Factor: 1				
		Analysis Time..: 20:58		Analyst ID.....: 022952	Instrument ID..: TRA	
Manganese	ND	1.5	mg/kg	SW846 6010B	07/31-08/11/08	KTE7R1AW
		Dilution Factor: 1				
		Analysis Time..: 20:58		Analyst ID.....: 022952	Instrument ID..: TRA	
Sodium	ND	500	mg/kg	SW846 6010B	07/31-08/11/08	KTE7R1AX
		Dilution Factor: 1				
		Analysis Time..: 20:58		Analyst ID.....: 022952	Instrument ID..: TRA	
Nickel	ND	4.0	mg/kg	SW846 6010B	07/31-08/11/08	KTE7R1A0
		Dilution Factor: 1				
		Analysis Time..: 20:58		Analyst ID.....: 022952	Instrument ID..: TRA	
Lead	ND	0.30	mg/kg	SW846 6010B	07/31-08/11/08	KTE7R1A1
		Dilution Factor: 1				
		Analysis Time..: 20:58		Analyst ID.....: 022952	Instrument ID..: TRA	
Selenium	ND	0.50	mg/kg	SW846 6010B	07/31-08/11/08	KTE7R1AA
		Dilution Factor: 1				
		Analysis Time..: 20:58		Analyst ID.....: 022952	Instrument ID..: TRA	
Thallium	ND	1.0	mg/kg	SW846 6010B	07/31-08/11/08	KTE7R1AC
		Dilution Factor: 1				
		Analysis Time..: 20:58		Analyst ID.....: 022952	Instrument ID..: TRA	
Antimony	ND	1.0	mg/kg	SW846 6010B	07/31-08/11/08	KTE7R1AD
		Dilution Factor: 1				
		Analysis Time..: 20:58		Analyst ID.....: 022952	Instrument ID..: TRA	
Vanadium	ND	5.0	mg/kg	SW846 6010B	07/31-08/11/08	KTE7R1AE
		Dilution Factor: 1				
		Analysis Time..: 20:58		Analyst ID.....: 022952	Instrument ID..: TRA	
Zinc	**0.35 B**	**2.0**	**mg/kg**	**SW846 6010B**	**07/31-08/11/08**	**KTE7R1AF**
		Dilution Factor: 1				
		Analysis Time..: 20:58		Analyst ID.....: 022952	Instrument ID..: TRA	

(Continued on next page)

TestAmerica Pittsburgh

Metals Data Reporting Form

Initial Calibration Blank Results

Instrument: ICPST **Units:** ug/L

Chart Number: T80811C.ARC

Standard Source: _____ **Standard ID:** _____

Element	WL/ Mass	Report Limit	ICB1 8/11/2008 12:40 PM Found	Q	Found	Q	Found	Q	Found	Q	Found	Q
Aluminum	308.215	200	14.2	U								
Antimony	220.353	10	0.9	U								
Arsenic	189.042	10	2.3	U								
Barium	493.409	200	0.4	U								
Beryllium	313.042	4	0.3	U								
Cadmium	226.502	5	0.5	U								
Calcium	317.933	6000	251.0	U								
Chromium	267.716	5	0.8	U								
Cobalt	228.616	50	0.4	U								
Copper	324.753	25	1.4	U								
Iron	271.441	100	30.0	U								
Lead	220.353	3	1.6	U								
Magnesium	279.078	5000	13.1	U								
Manganese	257.61	15	**0.3**	**B**								
Nickel	231.604	40	1.0	U								
Potassium	766.491	5000	500.0	U								
Selenium	220.353	5	2.9	U								
Silver	328.068	200	0.4	U								
Sodium	330.232	5000	**-480.0**	**B**								
Thallium	190.864	10	3.2	U								
Vanadium	292.402	50	2.6	U								
Zinc	213.856	20	3.5	U								

U Result is less than the MDL
B Result is between MDL and RL

Form 3 Equivalent

TestAmerica Pittsburgh

Metals Data Reporting Form

Continuing Calibration Blank Result

Instrument: ICPST **Units:** ug/L

Chart Number: T80811C.ARC

Standard Source: _____ **Standard ID:** _____

Element	WL/ Mass	Report Limit	CCB1 8/11/2008 1:46 PM Found	Q	CCB2 8/11/2008 2:52 PM Found	Q	CCB3 8/11/2008 3:59 PM Found	Q	CCB4 8/11/2008 5:07 PM Found	Q	CCB5 8/11/2008 6:13 PM Found	Q
Aluminum	308.215	200	14.2	U	14.2	U	14.2	U	**16.6**	**B**	14.2	U
Antimony	220.353	10	0.9	U	0.9	U	0.9	U	0.9	U	0.9	U
Arsenic	189.042	10	2.3	U	2.3	U	2.3	U	2.3	U	2.3	U
Barium	493.409	200	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U
Beryllium	313.042	4	0.3	U	0.3	U	0.3	U	0.3	U	0.3	U
Cadmium	226.502	5	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Calcium	317.933	6000	251.0	U	251.0	U	251.0	U	251.0	U	251.0	U
Chromium	267.716	5	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U
Cobalt	228.616	50	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U
Copper	324.753	25	1.4	U	1.4	U	1.4	U	1.4	U	1.4	U
Iron	271.441	100	30.0	U	30.0	U	30.0	U	30.0	U	30.0	U
Lead	220.353	3	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U
Magnesium	279.078	5000	13.1	U	13.1	U	13.1	U	13.1	U	13.1	U
Manganese	257.61	15	0.3	U	0.3	U	0.3	U	0.3	U	0.3	U
Nickel	231.604	40	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Potassium	766.491	5000	500.0	U	500.0	U	500.0	U	500.0	U	500.0	U
Selenium	220.353	5	2.9	U	2.9	U	2.9	U	2.9	U	2.9	U
Silver	328.068	200	0.4	U	0.4	U	0.4	U	**-0.4**	**B**	0.4	U
Sodium	330.232	5000	**-400.0**	**B**	**-590.0**	**B**	**-570.0**	**B**	**-600.0**	**B**	**-470.0**	**B**
Thallium	190.864	10	3.2	U	3.2	U	3.2	U	3.2	U	3.2	U
Vanadium	292.402	50	2.6	U	2.6	U	2.6	U	2.6	U	2.6	U
Zinc	213.856	20	3.5	U	3.5	U	3.5	U	3.5	U	3.5	U

U Result is less than the MDL

B Result is between MDL and RL

Form 3 Equivalent

TestAmerica Pittsburgh

Metals Data Reporting Form

Continuing Calibration Blank Result

Instrument: ICPST **Units:** ug/L

Chart Number: T80811C.ARC

Standard Source: _____ **Standard ID:** _____

Element	WL/ Mass	Report Limit	CCB6 8/11/2008 7:18 PM Found	Q	CCB7 8/11/2008 8:25 PM Found	Q	CCB8 8/11/2008 9:31 PM Found	Q	CCB9 8/11/2008 10:37 PM Found	Q	Found	Q
Aluminum	308.215	200	14.2	U	14.2	U	14.2	U	14.2	U		
Antimony	220.353	10	0.9	U	0.9	U	0.9	U	0.9	U		
Arsenic	189.042	10	2.3	U	2.3	U	2.3	U	2.3	U		
Barium	493.409	200	0.4	U	0.4	U	0.4	U	0.4	U		
Beryllium	313.042	4	0.3	U	0.3	U	0.3	U	0.3	U		
Cadmium	226.502	5	0.5	U	0.5	U	0.5	U	0.5	U		
Calcium	317.933	6000	251.0	U	251.0	U	251.0	U	251.0	U		
Chromium	267.716	5	0.8	U	0.8	U	0.8	U	0.8	U		
Cobalt	228.616	50	0.4	U	0.4	U	**-0.6**	**B**	0.4	U		
Copper	324.753	25	1.4	U	1.4	U	1.4	U	1.4	U		
Iron	271.441	100	30.0	U	30.0	U	30.0	U	30.0	U		
Lead	220.353	3	1.6	U	1.6	U	1.6	U	1.6	U		
Magnesium	279.078	5000	13.1	U	13.1	U	13.1	U	13.1	U		
Manganese	257.61	15	0.3	U	0.3	U	0.3	U	0.3	U		
Nickel	231.604	40	1.0	U	1.0	U	1.0	U	1.0	U		
Potassium	766.491	5000	500.0	U	500.0	U	500.0	U	500.0	U		
Selenium	220.353	5	2.9	U	2.9	U	2.9	U	2.9	U		
Silver	328.068	200	0.4	U	**-0.5**	**B**	0.4	U	0.4	U		
Sodium	330.232	5000	**-520.0**	**B**	**-680.0**	**B**	**-540.0**	**B**	**-570.0**	**B**		
Thallium	190.864	10	3.2	U	3.2	U	3.2	U	3.2	U		
Vanadium	292.402	50	2.6	U	2.6	U	2.6	U	2.6	U		
Zinc	213.856	20	3.5	U	3.5	U	3.5	U	3.5	U		

U Result is less than the MDL
B Result is between MDL and RL

Form 3 Equivalent

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: C8G220214 **Matrix.....:** SO
Date Sampled...: 07/17/08 **Date Received..:** 07/22/08

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: C8G220214-003 **Prep Batch #...:** 8213170							
Silver	96	(75 - 125)			SW846 6010B	07/31-08/11/08	KR0FG1CL
	97	(75 - 125)	0.33	(0-20)	SW846 6010B	07/31-08/11/08	KR0FG1CM
		Dilution Factor: 1					
		Analysis Time..: 21:42			Instrument ID..: TRACEICP	Analyst ID.....: 022952	
		MS Run #.....: 8213086					
Aluminum	NC	(75 - 125)			SW846 6010B	07/31-08/11/08	KR0FG1CN
	NC	(75 - 125)		(0-20)	SW846 6010B	07/31-08/11/08	KR0FG1CP
		Dilution Factor: 1					
		Analysis Time..: 21:42			Instrument ID..: TRACEICP	Analyst ID.....: 022952	
		MS Run #.....: 8213086					
Arsenic	91	(75 - 125)			SW846 6010B	07/31-08/11/08	KR0FG1CQ
	92	(75 - 125)	0.54	(0-20)	SW846 6010B	07/31-08/11/08	KR0FG1CR
		Dilution Factor: 1					
		Analysis Time..: 21:42			Instrument ID..: TRACEICP	Analyst ID.....: 022952	
		MS Run #.....: 8213086					
Barium	95	(75 - 125)			SW846 6010B	07/31-08/11/08	KR0FG1CT
	95	(75 - 125)	0.63	(0-20)	SW846 6010B	07/31-08/11/08	KR0FG1CU
		Dilution Factor: 1					
		Analysis Time..: 21:42			Instrument ID..: TRACEICP	Analyst ID.....: 022952	
		MS Run #.....: 8213086					
Beryllium	93	(75 - 125)			SW846 6010B	07/31-08/11/08	KR0FG1CV
	93	(75 - 125)	0.64	(0-20)	SW846 6010B	07/31-08/11/08	KR0FG1CW
		Dilution Factor: 1					
		Analysis Time..: 21:42			Instrument ID..: TRACEICP	Analyst ID.....: 022952	
		MS Run #.....: 8213086					
Calcium	98	(75 - 125)			SW846 6010B	07/31-08/11/08	KR0FG1CX
	95	(75 - 125)	2.6	(0-20)	SW846 6010B	07/31-08/11/08	KR0FG1C0
		Dilution Factor: 1					
		Analysis Time..: 21:42			Instrument ID..: TRACEICP	Analyst ID.....: 022952	
		MS Run #.....: 8213086					
Cadmium	92	(75 - 125)			SW846 6010B	07/31-08/11/08	KR0FG1C1
	92	(75 - 125)	0.47	(0-20)	SW846 6010B	07/31-08/11/08	KR0FG1C2
		Dilution Factor: 1					
		Analysis Time..: 21:42			Instrument ID..: TRACEICP	Analyst ID.....: 022952	
		MS Run #.....: 8213086					

(Continued on next page)

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: C8G220214 **Matrix.....:** SO
Date Sampled...: 07/17/08 **Date Received..:** 07/22/08

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Cobalt	91	(75 - 125)			SW846 6010B	07/31-08/11/08	KR0FG1C3
	92	(75 - 125)	0.49	(0-20)	SW846 6010B	07/31-08/11/08	KR0FG1C4
		Dilution Factor: 1					
		Analysis Time..: 21:42			Instrument ID..: TRACEICP	Analyst ID.....: 022952	
		MS Run #.....: 8213086					
Chromium	99	(75 - 125)			SW846 6010B	07/31-08/11/08	KR0FG1C5
	100	(75 - 125)	0.35	(0-20)	SW846 6010B	07/31-08/11/08	KR0FG1C6
		Dilution Factor: 1					
		Analysis Time..: 21:42			Instrument ID..: TRACEICP	Analyst ID.....: 022952	
		MS Run #.....: 8213086					
Copper	98	(75 - 125)			SW846 6010B	07/31-08/11/08	KR0FG1C7
	96	(75 - 125)	1.1	(0-20)	SW846 6010B	07/31-08/11/08	KR0FG1C8
		Dilution Factor: 1					
		Analysis Time..: 21:42			Instrument ID..: TRACEICP	Analyst ID.....: 022952	
		MS Run #.....: 8213086					
Iron	NC	(75 - 125)			SW846 6010B	07/31-08/11/08	KR0FG1C9
	NC	(75 - 125)		(0-20)	SW846 6010B	07/31-08/11/08	KR0FG1DA
		Dilution Factor: 1					
		Analysis Time..: 21:42			Instrument ID..: TRACEICP	Analyst ID.....: 022952	
		MS Run #.....: 8213086					
Potassium	98	(75 - 125)			SW846 6010B	07/31-08/11/08	KR0FG1DC
	99	(75 - 125)	0.68	(0-20)	SW846 6010B	07/31-08/11/08	KR0FG1DD
		Dilution Factor: 1					
		Analysis Time..: 21:42			Instrument ID..: TRACEICP	Analyst ID.....: 022952	
		MS Run #.....: 8213086					
Magnesium	96	(75 - 125)			SW846 6010B	07/31-08/11/08	KR0FG1DE
	97	(75 - 125)	0.18	(0-20)	SW846 6010B	07/31-08/11/08	KR0FG1DF
		Dilution Factor: 1					
		Analysis Time..: 21:42			Instrument ID..: TRACEICP	Analyst ID.....: 022952	
		MS Run #.....: 8213086					
Manganese	106	(75 - 125)			SW846 6010B	07/31-08/11/08	KR0FG1DG
	102	(75 - 125)	1.4	(0-20)	SW846 6010B	07/31-08/11/08	KR0FG1DH
		Dilution Factor: 1					
		Analysis Time..: 21:42			Instrument ID..: TRACEICP	Analyst ID.....: 022952	
		MS Run #.....: 8213086					

(Continued on next page)

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: C8G220214 **Matrix.....:** SO
Date Sampled...: 07/17/08 **Date Received..:** 07/22/08

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	92	(75 - 125)			SW846 6010B	07/31-08/11/08	KR0FG1DJ
	94	(75 - 125)	1.3	(0-20)	SW846 6010B	07/31-08/11/08	KR0FG1DK
		Dilution Factor: 1					
		Analysis Time..: 21:42			Instrument ID..: TRACEICP	Analyst ID.....: 022952	
		MS Run #.....: 8213086					
Nickel	93	(75 - 125)			SW846 6010B	07/31-08/11/08	KR0FG1DL
	93	(75 - 125)	0.45	(0-20)	SW846 6010B	07/31-08/11/08	KR0FG1DM
		Dilution Factor: 1					
		Analysis Time..: 21:42			Instrument ID..: TRACEICP	Analyst ID.....: 022952	
		MS Run #.....: 8213086					
Lead	96	(75 - 125)			SW846 6010B	07/31-08/11/08	KR0FG1DN
	95	(75 - 125)	0.28	(0-20)	SW846 6010B	07/31-08/11/08	KR0FG1DP
		Dilution Factor: 1					
		Analysis Time..: 21:42			Instrument ID..: TRACEICP	Analyst ID.....: 022952	
		MS Run #.....: 8213086					
Selenium	90	(75 - 125)			SW846 6010B	07/31-08/11/08	KR0FG1A9
	90	(75 - 125)	0.61	(0-20)	SW846 6010B	07/31-08/11/08	KR0FG1CA
		Dilution Factor: 1					
		Analysis Time..: 21:42			Instrument ID..: TRACEICP	Analyst ID.....: 022952	
		MS Run #.....: 8213086					
Thallium	91	(75 - 125)			SW846 6010B	07/31-08/11/08	KR0FG1CC
	91	(75 - 125)	0.52	(0-20)	SW846 6010B	07/31-08/11/08	KR0FG1CD
		Dilution Factor: 1					
		Analysis Time..: 21:42			Instrument ID..: TRACEICP	Analyst ID.....: 022952	
		MS Run #.....: 8213086					
Antimony	84	(75 - 125)			SW846 6010B	07/31-08/11/08	KR0FG1CE
	85	(75 - 125)	0.74	(0-20)	SW846 6010B	07/31-08/11/08	KR0FG1CF
		Dilution Factor: 1					
		Analysis Time..: 21:42			Instrument ID..: TRACEICP	Analyst ID.....: 022952	
		MS Run #.....: 8213086					
Vanadium	97	(75 - 125)			SW846 6010B	07/31-08/11/08	KR0FG1CG
	96	(75 - 125)	0.35	(0-20)	SW846 6010B	07/31-08/11/08	KR0FG1CH
		Dilution Factor: 1					
		Analysis Time..: 21:42			Instrument ID..: TRACEICP	Analyst ID.....: 022952	
		MS Run #.....: 8213086					

(Continued on next page)

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: C8G220214 **Matrix.....:** SO
Date Sampled...: 07/17/08 **Date Received..:** 07/22/08

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Zinc	100	(75 - 125)			SW846 6010B	07/31-08/11/08	KR0FG1CJ
	98	(75 - 125)	1.7	(0-20)	SW846 6010B	07/31-08/11/08	KR0FG1CK

Dilution Factor: 1
Analysis Time..: 21:42 Instrument ID..: TRACEICP Analyst ID.....: 022952
MS Run #.....: 6213086

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.

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: C8G220214 **Matrix.....:** SO
Date Sampled...: 07/17/08 **Date Received..:** 07/22/08

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: C8G220214-001 **Prep Batch #...:** 8217026									
Mercury									
	1.5	0.211	2.33 NC	mg/kg			SW846 7471A	08/04/08	KR0E21A7
	1.5	0.211	6.02 NC	mg/kg			SW846 7471A	08/04/08	KR0E21A8

Dilution Factor: 2
Analysis Time..: 10:36 Instrument ID..: HGHYDRA Analyst ID.....: 031043
MS Run #.....: 8217018

NOTE(S):

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

NC The recovery and/or RPD were not calculated.

CASE NARRATIVE

ENSR
Schenectady RI

Lot # C8G260118

Sample Receiving:
Samples were received at TestAmerica's Pittsburgh laboratory on July 26, 2008. The cooler was received within the proper temperature range.

If project specific QC was not required for samples contained in this report and batch QC was completed on these samples, anomalous results will be discussed below.

GC/MS Volatiles:
Due to the concentration of target compounds sample SB46(8-10) was analyzed as a medium level, methanol dilution.

GC/MS Semivolatiles:
Due to the concentration of target compounds sample SB46(8-10) was analyzed at a dilution.

Metals:
The method blank had analytes detected at concentrations between the MDL and the reporting limit. The results were flagged with a "B" qualifier. Any sample associated with a method blank that had the same analyte detected had the result flagged with a "J" qualifier.

General Chemistry:
For the matrix spike and matrix spike duplicate of sample SB46(8-10), total cyanide recoveries and the RPD between the spikes were above the control limits. The recovery of the laboratory control sample was within the control limits.

C8G260118

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TAL-4142 (0907)

Client: ENSR	Project Manager: JAMES EDWARDS	Date: 07/25/08	Chain of Custody Number: 395250
Address: 1001 W. SENECA ST.	Telephone Number (Area Code)/Fax Number: 607-277-5716	Lab Number:	Page 1 of 1
City: ITHACA / State: NY / Zip Code: 14850	Site Contact: JESSE LLOYD	Lab Contact:	
Project Name and Location (State): SCHENECTADY MGP/SCHENECTADY, NY	Carrier/Waybill Number:		
Contract/Purchase Order/Quote No.			

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Containers & Preservatives: Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	Analysis: STCL VOC (8260B)	STCL SVOC (8270C)	TAL METALS 6000-7000	TOTAL CN 9012A	Special Instructions/ Conditions of Receipt
SB50 (80-81)	7/22/08	1500				X	2						X	X	X	X	
SB46 (8-10)	7/24/08	0920				X	2						X	X	X	X	

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal
☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months (A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required
☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☒ Other Routine

QC Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By	7/25/08	1400	1. Received By		
2. Relinquished By			2. Received By		
3. Relinquished By			3. Received By	7/26/8	9:10

Comments

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

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(1 - 78)

Cooler Receipt Form
TestAmerica Pittsburgh

Client: ENSR Project: _____ Quote: 72910

Cooler Rec'd & Opened for Temp. Check on: 7/26/8

Coolers Opened and Unpacked on: 7/26/8 By: JD
(Signature)

TestAmerica Pittsburgh Lot Number: C8G260118

		Yes	No	NA
1.	Were custody seals on the outside of the cooler?		✓	
	If YES, how many and where? Quantity __ Location			
	Were signatures and date correct?			
2.	Were custody papers included inside the cooler?	✓		
3.	Were custody papers properly filled out (ink, signed, match labels)?	✓		
4.	Did you sign the custody papers in the appropriate place?	✓		
5.	Was shippers packing slip attached to this form?	✓		
6.	Were packing materials used?	✓		
	If YES, what type?			
7.	Were the samples received within the acceptable temperature range?	✓		
8.	Were the samples appropriately preserved?	✓		
9.	Were all bottles sealed in separate plastic bags?	✓		
10.	Did all bottles arrive in good condition (unbroken)?	✓		
11.	Were all bottle labels complete (sample ID, preservatives, etc.)?	✓		
12.	Did all bottle labels and/or tags agree with custody papers?	✓		
13.	Were correct bottles used for tests indicated?	✓		
14.	Were all VOA vials checked for the presence of air bubbles?	-		✓
15.	Was a sufficient amount of sample sent in each bottle?	✓		

16. Samples received by: FEDEX UPS CLIENT DROP-OFF OTHER DHL US CARGO

Explain any discrepancies: _____

Level 2 Review _____

Was contacted on _____ by _____ to resolve discrepancies.

Cooler Receipt Form

TestAmerica Pittsburgh

P: Preserved
UP: Unpreserved

Sample ID	TMET PH<2	DMET PH<2	HG PH<2	NUT(1) PH<2	CN , PH ≥12	OG TPHC- PH<2	PHEN PH<2	SULF PH ≥12	TOC PH<2	TOX PH<2	VOA P/UP	hrdnss PH<2			

(1) "NUT" could include sample bottles for ammonia, chemical oxygen demand, nitrate/nitrite, TKN, or total phosphorus

Comments: _____

Cooler Number	Temperature*	Thermometer ID
1	5.2	8

*Acceptable Temperature Range: 4°C ± 2°C

Sample	Lot Number**

**Please use an asterisk if bottle lot number was covered by the label

If samples required preservation in the laboratory, the following lot number(s) was/were used:

Nitric Acid _____ Hydrochloric Acid _____

Sulfuric Acid _____ Sodium Hydroxide _____

TestAmerica Pittsburgh

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: hp3.i
Lab File ID: 1C30728.D
Analysis Type: SOIL
Lab Sample ID: vstd40
Method: \\pitsvr06\d\chem\hp3.i\3072808d.b\8260bsoil.m

Injection Date: 28-JUL-2008 05:30
Init. Cal. Date(s): 28-JUN-2008 30-JUN-2008
Init. Cal. Times: 10:14 08:12
Quant Type: ISTD

COMPOUND	RRF / AMOUNT	RF40	CCAL RRF40	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE	
$ 39 Dibromofluoromethane	0.22840	0.19419	0.19419	0.010	14.97879	25.00000	Averaged	
$ 43 1,2-Dichloroethane-d4	0.26403	0.27694	0.27694	0.010	2.49440	25.00000	Averaged	
$ 59 Toluene-d8	4.52798	4.06295	4.06295	0.010	10.27009	25.00000	Averaged	
$ 80 Bromofluorobenzene	1.77293	1.67629	1.67629	0.010	5.45071	25.00000	Averaged	
1 Dichlorodifluoromethane	0.29973	0.26371	0.26371	0.010	12.01825	25.00000	Averaged	
2 Chloromethane	0.38365	0.41406	0.41406	0.100	-7.92766	25.00000	Averaged	
3 Vinyl Chloride	0.44515	0.42453	0.42453	0.010	4.63051	20.00000	Averaged	
4 Bromomethane	0.10681	0.09908	0.09908	0.010	7.24041	25.00000	Averaged	
5 Chloroethane	0.13242	0.07930	0.07930	0.010	40.11925	25.00000	Averaged	<-
166 Trichlorofluoromethane	0.20850	0.19656	0.19656	0.010	5.72670	25.00000	Averaged	
10 1,1,2-trichloro-1,2,2-trifl	0.26180	0.23721	0.23721	0.010	9.39326	25.00000	Averaged	
12 1,1-Dichloroethene	0.26335	0.22416	0.22416	0.010	14.86298	20.00000	Averaged	
15 Carbon Disulfide	0.86492	0.70461	0.70461	0.010	18.53457	25.00000	Averaged	
13 Acetone	200	220	0.12929	0.010	-10.14087	0.000e+000	Quadratic	
18 Methylene Chloride	200	174	0.27023	0.010	13.06884	0.000e+000	Quadratic	
19 trans-1,2-Dichloroethene	0.30055	0.24147	0.24147	0.010	19.65694	25.00000	Averaged	
20 Methyl tert-butyl ether	0.92487	0.80431	0.80431	0.010	13.03525	25.00000	Averaged	
24 1,1-Dichloroethane	0.56459	0.48607	0.48607	0.100	12.35601	25.00000	Averaged	
27 2,2-Dichloropropane	0.33248	0.25173	0.25173	0.010	24.28847	25.00000	Averaged	
28 cis-1,2-dichloroethene	0.31907	0.26544	0.26544	0.010	16.80651	25.00000	Averaged	
M 29 1,2-Dichloroethene (total)	0.30981	0.25346	0.25346	0.010	18.18914	25.00000	Averaged	
30 Bromochloromethane	0.13540	0.10887	0.10887	0.010	19.58871	25.00000	Averaged	
31 2-Butanone	0.16327	0.19249	0.19249	0.010	-17.89793	25.00000	Averaged	
37 Chloroform	0.48194	0.40797	0.40797	0.010	15.34911	20.00000	Averaged	
38 1,1,1-Trichloroethane	0.38568	0.31762	0.31762	0.010	17.64640	25.00000	Averaged	
40 1,1-Dichloropropene	0.40639	0.35667	0.35667	0.010	12.23358	25.00000	Averaged	
41 Carbon Tetrachloride	0.32805	0.26652	0.26652	0.010	18.75486	25.00000	Averaged	
42 Benzene	1.18949	1.08827	1.08827	0.010	8.50904	25.00000	Averaged	
45 1,2-Dichloroethane	0.36325	0.34614	0.34614	0.010	4.71059	25.00000	Averaged	
47 Trichloroethene	0.27374	0.23201	0.23201	0.010	15.24732	25.00000	Averaged	
49 1,2-Dichloropropane	0.28621	0.28858	0.28858	0.010	-0.82651	20.00000	Averaged	
50 Dibromomethane	0.14881	0.14003	0.14003	0.010	5.90326	25.00000	Averaged	
53 Bromodichloromethane	0.31497	0.29467	0.29467	0.010	6.44572	25.00000	Averaged	
57 cis-1,3-Dichloropropene	0.39855	0.41324	0.41324	0.010	-3.68619	25.00000	Averaged	
58 4-Methyl-2-Pentanone	1.60277	1.64087	1.64087	0.010	-2.37719	25.00000	Averaged	
60 Toluene	5.60627	4.90258	4.90258	0.010	12.55176	20.00000	Averaged	
61 trans-1,3-Dichloropropene	1.74011	1.77429	1.77429	0.010	-1.96439	25.00000	Averaged	
63 1,3-Dichloropropane	1.85095	1.90696	1.90696	0.010	-3.02626	25.00000	Averaged	
64 1,1,2-Trichloroethane	1.01440	1.00893	1.00893	0.010	0.53934	25.00000	Averaged	
65 Tetrachloroethene	1.03973	0.87088	0.87088	0.010	16.23979	25.00000	Averaged	
66 2-Hexanone	1.03703	1.20738	1.20738	0.010	-16.42681	25.00000	Averaged	
67 Dibromochloromethane	1.00245	0.87243	0.87243	0.010	12.97093	25.00000	Averaged	
68 1,2-Dibromoethane	1.02690	0.98253	0.98253	0.010	4.31991	25.00000	Averaged	

TestAmerica Pittsburgh

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: hp5.i Injection Date: 29-JUL-2008 07:30
Lab File ID: CC50729.D Init. Cal. Date(s): 03-JUL-2008 03-JUL-2008
Analysis Type: SOIL Init. Cal. Times: 08:29 11:13
Lab Sample ID: vstd40 Quant Type: ISTD
Method: \\pitsvr06\d\chem\hp5.i\5072908d.b\med500.m

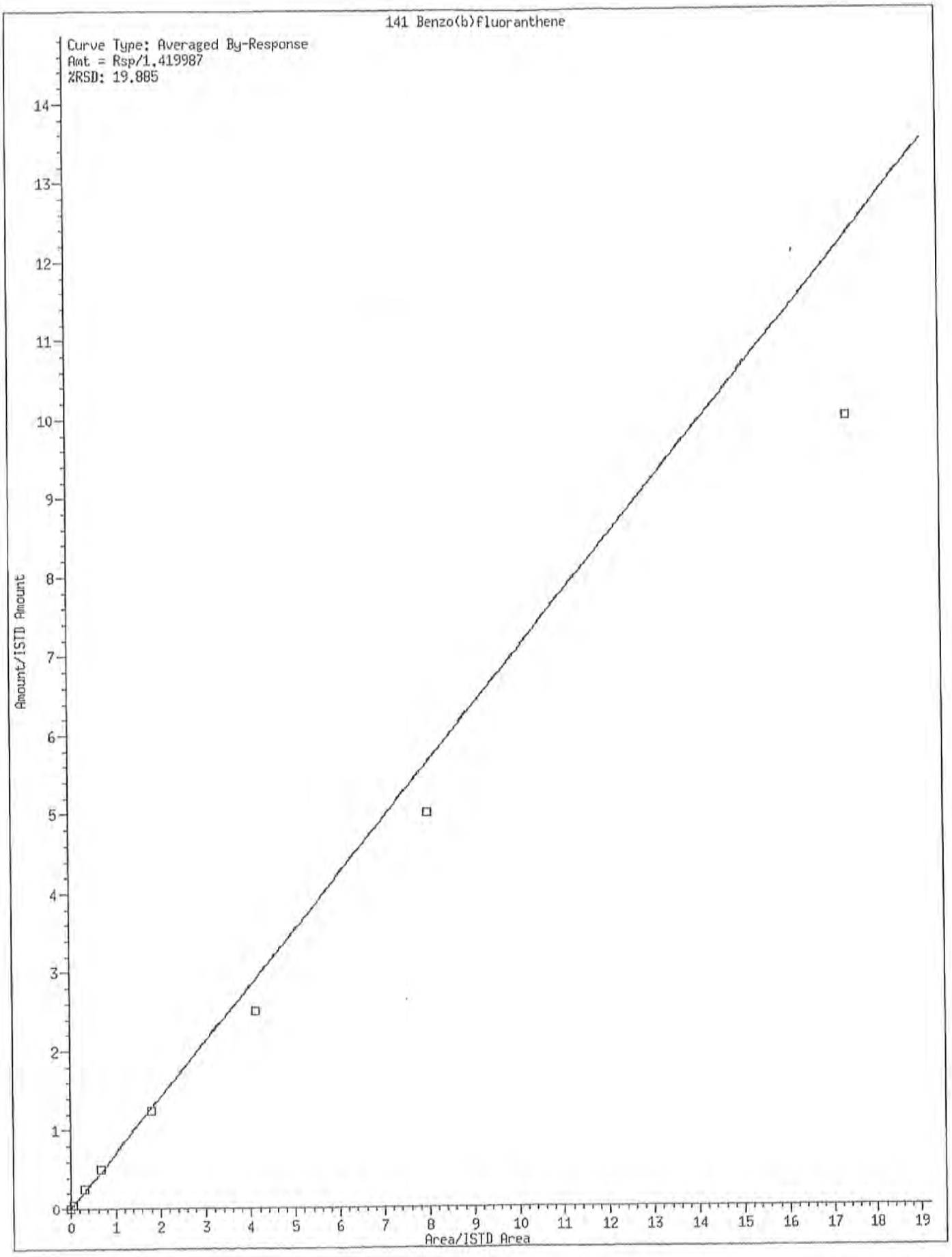
COMPOUND	RRF / AMOUNT	RF40	CCAL RRF40	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE	
$ 39 Dibromofluoromethane	0.21877	0.21881	0.21881	0.010	-0.01788	25.00000	Averaged	
$ 43 1,2-Dichloroethane-d4	0.30609	0.31462	0.31462	0.010	-2.78582	25.00000	Averaged	
$ 59 Toluene-d8	4.05856	4.04723	4.04723	0.010	0.27920	25.00000	Averaged	
$ 80 Bromofluorobenzene	1.65018	1.66508	1.66508	0.010	-0.90300	25.00000	Averaged	
1 Dichlorodifluoromethane	0.22755	0.29617	0.29617	0.010	-30.15228	25.00000	Averaged	<-
2 Chloromethane	0.32370	0.41696	0.41696	0.100	-28.81229	25.00000	Averaged	<-
3 Vinyl Chloride	0.30506	0.35985	0.35985	0.010	-17.96048	20.00000	Averaged	
4 Bromomethane	0.10045	0.10852	0.10852	0.010	-8.03335	25.00000	Averaged	
5 Chloroethane	0.08831	0.09040	0.09040	0.010	-2.36554	25.00000	Averaged	
6 Trichlorofluoromethane	200	179	0.29566	0.010	10.39708	0.000e+000	Quadratic	
10 1,1,2-trichloro-1,2,2-trifl	0.24863	0.24625	0.24625	0.010	0.96018	25.00000	Averaged	
12 1,1-Dichloroethene	0.22475	0.22132	0.22132	0.010	1.52578	20.00000	Averaged	
15 Carbon Disulfide	0.76670	0.71765	0.71765	0.010	6.39831	25.00000	Averaged	
13 Acetone	200	202	0.08222	0.010	-1.21865	0.000e+000	Quadratic	
18 Methylene Chloride	0.26382	0.25317	0.25317	0.010	4.03668	25.00000	Averaged	
19 trans-1,2-Dichloroethene	0.26083	0.25439	0.25439	0.010	2.46920	25.00000	Averaged	
20 Methyl tert-butyl ether	0.73544	0.66813	0.66813	0.010	9.15238	25.00000	Averaged	
24 1,1-Dichloroethane	0.48357	0.52618	0.52618	0.100	-8.81088	25.00000	Averaged	
27 2,2-Dichloropropane	0.35463	0.36276	0.36276	0.010	-2.29289	25.00000	Averaged	
28 cis-1,2-dichloroethene	0.27628	0.26631	0.26631	0.010	3.60811	25.00000	Averaged	
M 29 1,2-Dichloroethene (total)	0.26855	0.26035	0.26035	0.010	3.05503	25.00000	Averaged	
30 Bromochloromethane	0.11858	0.11334	0.11334	0.010	4.41456	25.00000	Averaged	
31 2-Butanone	0.11905	0.11442	0.11442	0.010	3.88681	25.00000	Averaged	
37 Chloroform	0.44524	0.45095	0.45095	0.010	-1.28270	20.00000	Averaged	
38 1,1,1-Trichloroethane	0.37857	0.37904	0.37904	0.010	-0.12511	25.00000	Averaged	
40 1,1-Dichloropropene	0.38235	0.38827	0.38827	0.010	-1.55022	25.00000	Averaged	
41 Carbon Tetrachloride	0.26745	0.28936	0.28936	0.010	-8.19305	25.00000	Averaged	
42 Benzene	1.08208	1.07998	1.07998	0.010	0.19436	25.00000	Averaged	
45 1,2-Dichloroethane	0.39823	0.40552	0.40552	0.010	-1.82955	25.00000	Averaged	
47 Trichloroethene	0.26354	0.25669	0.25669	0.010	2.59767	25.00000	Averaged	
49 1,2-Dichloropropane	0.26979	0.29536	0.29536	0.010	-9.47475	20.00000	Averaged	
50 Dibromomethane	0.13988	0.12921	0.12921	0.010	7.63289	25.00000	Averaged	
53 Bromodichloromethane	0.29703	0.30837	0.30837	0.010	-3.81712	25.00000	Averaged	
57 cis-1,3-Dichloropropene	0.38942	0.40109	0.40109	0.010	-2.99899	25.00000	Averaged	
58 4-Methyl-2-Pentanone	1.02810	1.05269	1.05269	0.010	-2.39271	25.00000	Averaged	
60 Toluene	5.05448	4.98457	4.98457	0.010	1.38306	20.00000	Averaged	
61 trans-1,3-Dichloropropene	1.52729	1.58238	1.58238	0.010	-3.60718	25.00000	Averaged	
63 1,3-Dichloropropane	1.64155	1.64092	1.64092	0.010	0.03834	25.00000	Averaged	
64 1,1,2-Trichloroethane	0.85549	0.81926	0.81926	0.010	4.23530	25.00000	Averaged	
65 Tetrachloroethene	0.92707	0.96087	0.96087	0.010	-3.64588	25.00000	Averaged	
66 2-Hexanone	0.70312	0.70009	0.70009	0.010	0.43086	25.00000	Averaged	
67 Dibromochloromethane	0.72170	0.75563	0.75563	0.010	-4.70022	25.00000	Averaged	
68 1,2-Dibromoethane	0.84635	0.84136	0.84136	0.010	0.59052	25.00000	Averaged	

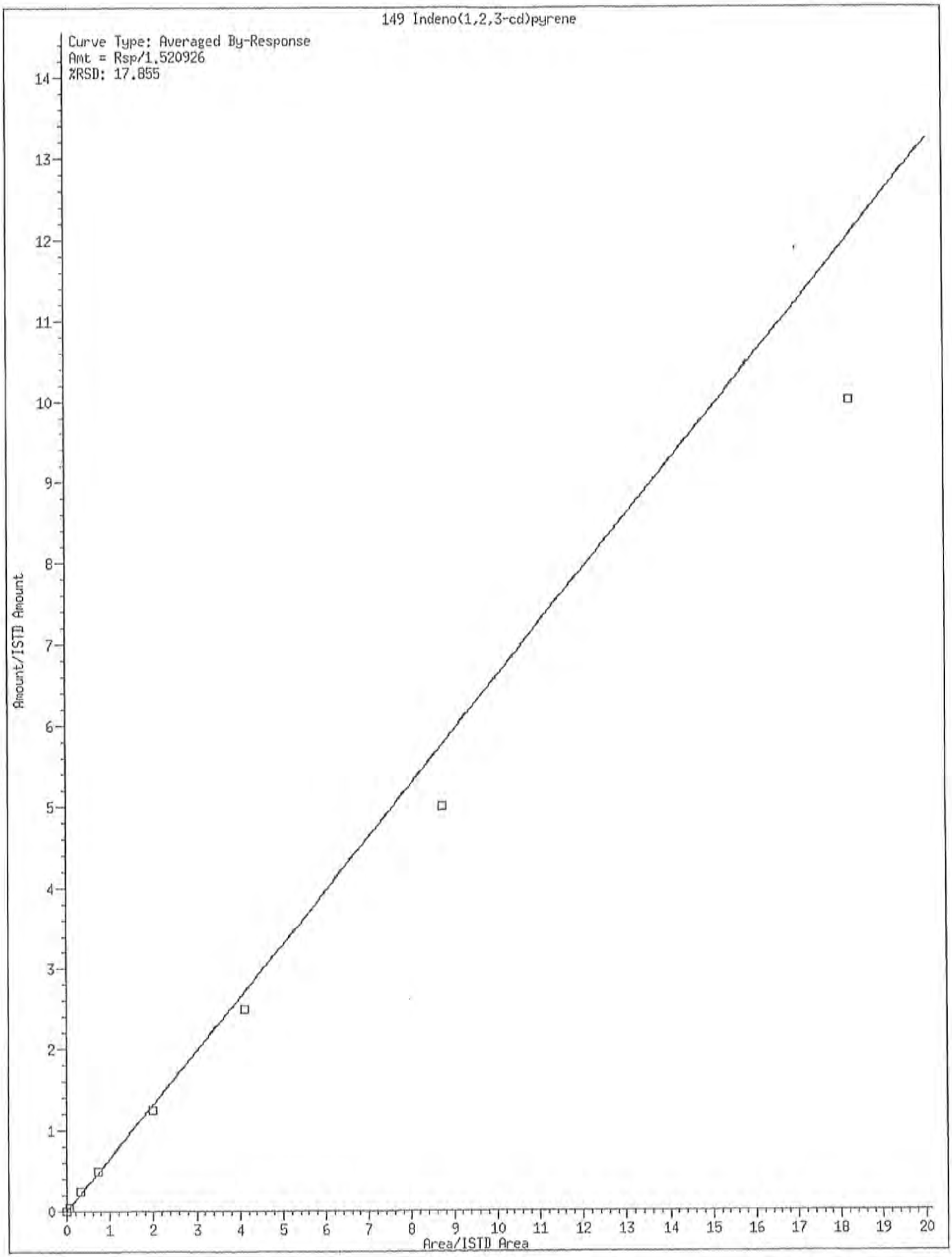
TestAmerica Pittsburgh

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: hp5.i Injection Date: 29-JUL-2008 07:30
Lab File ID: CC50729.D Init. Cal. Date(s): 03-JUL-2008 03-JUL-2008
Analysis Type: SOIL Init. Cal. Times: 08:29 11:13
Lab Sample ID: vstd40 Quant Type: ISTD
Method: \\pitsvr06\d\chem\hp5.i\5072908d.b\med500.m

COMPOUND	RRF / AMOUNT	RF40	CCAL RRF40	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE	
70 Chlorobenzene	3.19259	3.17515	3.17515	0.300	0.54628	25.00000	Averaged	
71 1,1,1,2-Tetrachloroethane	0.83434	0.93365	0.93365	0.010	-11.90271	25.00000	Averaged	
72 Ethylbenzene	1.76368	1.81229	1.81229	0.010	-2.75635	20.00000	Averaged	
73 m + p-Xylene	2.17822	2.24785	2.24785	0.010	-3.19670	25.00000	Averaged	
74 Xylene-o	2.09492	2.16878	2.16878	0.010	-3.52554	25.00000	Averaged	
M 75 Xylenes (total)	2.15045	2.22149	2.22149	0.010	-3.30348	25.00000	Averaged	
76 Styrene	3.65150	3.76944	3.76944	0.010	-3.22967	25.00000	Averaged	
77 Bromoform	200	218	0.40526	0.100	-8.78289	0.000e+000	Quadratic	
78 Isopropylbenzene	5.81152	6.03146	6.03146	0.010	-3.78448	25.00000	Averaged	
79 Bromobenzene	0.80466	0.76959	0.76959	0.010	4.35876	25.00000	Averaged	
81 n-Propylbenzene	0.98446	0.96236	0.96236	0.010	2.24510	25.00000	Averaged	
82 2-Chlorotoluene	0.78212	0.79526	0.79526	0.010	-1.67974	25.00000	Averaged	
83 1,1,2,2-Tetrachloroethane	0.63908	0.61738	0.61738	0.300	3.39598	25.00000	Averaged	
84 1,2,3-Trichloropropane	0.21710	0.20393	0.20393	0.010	6.06811	25.00000	Averaged	
85 4-Chlorotoluene	0.85695	0.88549	0.88549	0.010	-3.33061	25.00000	Averaged	
86 1,3,5-Trimethylbenzene	2.94063	3.13840	3.13840	0.010	-6.72521	25.00000	Averaged	
87 tert-Butylbenzene	2.65580	2.66418	2.66418	0.010	-0.31571	25.00000	Averaged	
88 1,2,4-Trimethylbenzene	2.97577	3.08143	3.08143	0.010	-3.55052	25.00000	Averaged	
89 sec-Butylbenzene	3.95278	4.13916	4.13916	0.010	-4.71526	25.00000	Averaged	
90 4-Isopropyltoluene	3.36130	3.38463	3.38463	0.010	-0.69383	25.00000	Averaged	
91 1,3-Dichlorobenzene	1.60646	1.62253	1.62253	0.010	-1.00056	25.00000	Averaged	
93 1,4-Dichlorobenzene	1.66439	1.67981	1.67981	0.010	-0.92682	25.00000	Averaged	
94 n-Butylbenzene	3.30999	3.26561	3.26561	0.010	1.34061	25.00000	Averaged	
95 1,2-Dichlorobenzene	1.51881	1.50846	1.50846	0.010	0.68185	25.00000	Averaged	
96 1,2-Dibromo-3-chloropropane	0.10695	0.08577	0.08577	0.010	19.80236	25.00000	Averaged	
97 1,2,4-Trichlorobenzene	1.12608	0.94481	0.94481	0.010	16.09731	25.00000	Averaged	
98 Hexachlorobutadiene	0.65534	0.63012	0.63012	0.010	3.84828	25.00000	Averaged	
99 Naphthalene	2.17611	1.51915	1.51915	0.010	30.18968	25.00000	Averaged	<-
100 1,2,3-Trichlorobenzene	0.94725	0.65708	0.65708	0.010	30.63292	25.00000	Averaged	<-
155 Methyl Acetate	0.20165	0.19756	0.19756	0.010	2.03217	25.00000	Averaged	
156 Cyclohexane	0.59959	0.61554	0.61554	0.010	-2.65990	25.00000	Averaged	
157 Methyl Cyclohexane	0.54277	0.52801	0.52801	0.010	2.72017	25.00000	Averaged	
161 1,3,5-Trichlorobenzene	1.27641	1.27290	1.27290	0.010	0.27517	50.00000	Averaged	


141 Benzo(b)fluoranthene
Curve Type: Averaged By-Response
Amt = Rsp/1.419987
%RSD: 19.885
Amount/ISTD Amount
Area/ISTD Area
0
1
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149 Indeno(1,2,3-cd)pyrene
Curve Type: Averaged By-Response
Amt = Rsp/1.520926
%RSD: 17.855
Amount/ISTD Amount
Area/ISTD Area
0
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Test America Pittsburgh

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: 732.i
Lab File ID: D08040C1.D
Analysis Type:
Lab Sample ID: sstd4
Method: \\PITSVR06\D\chem\732.i\d080408.b\ll.m

Injection Date: 04-AUG-2008 05:34
Init. Cal. Date(s): 12-JUN-2008 12-JUN-2008
Init. Cal. Times: 06:57 12:21
Quant Type: ISTD

COMPOUND	RRF / AMOUNT	RF4	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE	
198 1,4-Dioxane	0.05610	0.06715	0.010	-19.68665	25.00000	Averaged	
10 N-Nitrosodimethylamine	0.45547	0.48219	0.010	-5.86488	25.00000	Averaged	
9 Pyridine	0.98964	0.97134	0.010	1.84875	25.00000	Averaged	
16 Methyl methanesulfonate	0.56163	0.60069	0.010	-6.95438	25.00000	Averaged	
206 Benzaldehyde	0.73118	0.53823	0.010	26.38820	25.00000	Averaged	<-
21 Aniline	1.77969	1.69779	0.010	4.60212	25.00000	Averaged	
22 Phenol	1.53568	1.39195	0.010	9.35923	20.00000	Averaged	
23 bis(2-Chloroethyl)ether	0.99781	0.96825	0.010	2.96256	25.00000	Averaged	
24 2-Chlorophenol	1.29157	1.29397	0.010	-0.18611	25.00000	Averaged	
26 1,3-Dichlorobenzene	1.59697	1.57059	0.010	1.65220	25.00000	Averaged	
27 1,4-Dichlorobenzene	1.66485	1.62930	0.010	2.13533	20.00000	Averaged	
28 1,2-Dichlorobenzene	1.55419	1.54202	0.010	0.78327	25.00000	Averaged	
29 Benzyl Alcohol	0.77761	0.48643	0.010	37.44570	25.00000	Averaged	<-
30 2-Methylphenol	1.11591	1.14785	0.010	-2.86249	25.00000	Averaged	
31 2,2'-oxybis(1-Chloropropane	1.14759	1.07432	0.010	6.38394	25.00000	Averaged	
37 Acetophenone	1.78574	1.64602	0.010	7.82392	25.00000	Averaged	
32 N-Nitroso-di-n-propylamine	0.79742	0.83383	0.050	-4.56653	50.00000	Averaged	
192 4-Methylphenol	1.17400	1.16681	0.010	0.61256	25.00000	Averaged	
34 Hexachloroethane	0.67335	0.65946	0.010	2.06330	25.00000	Averaged	
35 Nitrobenzene	0.35330	0.37445	0.010	-5.98523	25.00000	Averaged	
41 Isophorone	0.56161	0.61575	0.010	-9.64065	25.00000	Averaged	
42 2-Nitrophenol	0.16976	0.18013	0.010	-6.11210	20.00000	Averaged	
43 2,4-Dimethylphenol	0.35944	0.34525	0.010	3.94817	25.00000	Averaged	
44 bis(2-Chloroethoxy)methane	0.35590	0.34793	0.010	2.24027	25.00000	Averaged	
48 2,4-Dichlorophenol	0.30241	0.31632	0.010	-4.59950	20.00000	Averaged	
49 Benzoic Acid	0.14731	0.13461	0.010	8.62354	25.00000	Averaged	
50 1,2,4-Trichlorobenzene	0.39311	0.40062	0.010	-1.91017	25.00000	Averaged	
51 Naphthalene	1.04763	1.03185	0.010	1.50607	25.00000	Averaged	
52 4-Chloroaniline	0.42039	0.39605	0.010	5.78865	25.00000	Averaged	
54 2,6-Dichlorophenol	0.31960	0.34287	0.010	-7.27882	25.00000	Averaged	
56 Hexachlorobutadiene	0.28226	0.31770	0.010	-12.55546	20.00000	Averaged	
208 Caprolactam	0.07251	0.06628	0.010	8.59758	25.00000	Averaged	
59 4-Chloro-3-Methylphenol	0.31125	0.32409	0.010	-4.12611	20.00000	Averaged	
62 2-Methylnaphthalene	0.67828	0.68001	0.010	-0.25529	25.00000	Averaged	
63 1-Methylnaphthalene	0.67205	0.66431	0.010	1.15203	25.00000	Averaged	
64 Hexachlorocyclopentadiene	0.43132	0.41212	0.050	4.45135	50.00000	Averaged	
66 2,4,6-Trichlorophenol	0.39039	0.39577	0.010	-1.37830	20.00000	Averaged	
67 2,4,5-Trichlorophenol	0.41754	0.39664	0.010	5.00724	25.00000	Averaged	
209 1,1'-Biphenyl	1.40939	1.39983	0.010	0.67777	25.00000	Averaged	
70 2-Chloronaphthalene	1.12821	1.13838	0.010	-0.90140	25.00000	Averaged	
73 2-Nitroaniline	0.28811	0.33366	0.010	-15.80923	25.00000	Averaged	
76 Dimethylphthalate	1.23063	1.34119	0.010	-8.98388	25.00000	Averaged	

Test America Pittsburgh

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: 732.i
Lab File ID: D08040C1.D
Analysis Type:
Lab Sample ID: sstd4
Method: \\PITSVR06\D\chem\732.i\d080408.b\ll.m

Injection Date: 04-AUG-2008 05:34
Init. Cal. Date(s): 12-JUN-2008 12-JUN-2008
Init. Cal. Times: 06:57 12:21
Quant Type: ISTD

COMPOUND	RRF / AMOUNT	RF4	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE	
78 2,6-Dinitrotoluene	0.24071	0.26477	0.010	-9.99296	25.00000	Averaged	
79 Acenaphthylene	1.66897	1.67652	0.010	-0.45220	25.00000	Averaged	
81 3-Nitroaniline	0.25637	0.24437	0.010	4.68035	25.00000	Averaged	
82 Acenaphthene	1.12451	1.12722	0.010	-0.24077	20.00000	Averaged	
83 2,4-Dinitrophenol	0.13377	0.14529	0.050	-8.61503	50.00000	Averaged	
85 4-Nitrophenol	0.21861	0.25131	0.050	-14.95851	50.00000	Averaged	
86 Dibenzofuran	1.60025	1.59085	0.010	0.58702	25.00000	Averaged	
87 2,4-Dinitrotoluene	0.34785	0.36286	0.010	-4.31466	25.00000	Averaged	
91 2,3,5,6-Tetrachlorophenol	0.35805	0.36369	0.010	-1.57415	25.00000	Averaged	
88 2,3,4,6-Tetrachlorophenol	0.36508	0.41573	0.010	-13.87263	25.00000	Averaged	
92 2-Naphthylamine	0.92626	0.85679	0.010	7.50067	25.00000	Averaged	
93 Diethylphthalate	1.24104	1.31229	0.010	-5.74134	25.00000	Averaged	
94 Fluorene	1.26955	1.30561	0.010	-2.83982	25.00000	Averaged	
95 4-Chlorophenyl-phenylether	0.71938	0.73763	0.010	-2.53695	25.00000	Averaged	
96 4-Nitroaniline	0.27238	0.20309	0.010	25.43841	25.00000	Averaged	<-
98 4,6-Dinitro-2-methylphenol	0.11127	0.12489	0.010	-12.24096	25.00000	Averaged	
99 N-Nitrosodiphenylamine (1)	0.51048	0.48671	0.010	4.65658	20.00000	Averaged	
100 1,2-Diphenylhydrazine	0.69985	0.70423	0.010	-0.62570	25.00000	Averaged	
106 4-Bromophenyl-phenylether	0.22459	0.23709	0.010	-5.56739	25.00000	Averaged	
107 Hexachlorobenzene	0.23474	0.23746	0.010	-1.15859	25.00000	Averaged	
210 Atrazine	0.19104	0.18669	0.010	2.27382	25.00000	Averaged	
111 Pentachlorophenol	0.13915	0.11704	0.010	15.88787	20.00000	Averaged	
115 Phenanthrene	1.00851	0.95060	0.010	5.74222	25.00000	Averaged	
116 Anthracene	1.00011	0.93706	0.010	6.30419	25.00000	Averaged	
119 Carbazole	0.84100	0.79849	0.010	5.05465	25.00000	Averaged	
120 Di-n-Butylphthalate	1.02508	0.99034	0.010	3.38970	25.00000	Averaged	
123 Fluoranthene	1.08247	1.16740	0.010	-7.84567	20.00000	Averaged	
124 Benzidine	0.36462	0.34056	0.010	6.59981	25.00000	Averaged	
125 Pyrene	1.07781	1.17350	0.010	-8.87866	25.00000	Averaged	
131 Butylbenzylphthalate	0.44012	0.50646	0.010	-15.07311	25.00000	Averaged	
135 3,3'-Dichlorobenzidine	0.35204	0.40455	0.010	-14.91441	25.00000	Averaged	
136 Benzo(a)Anthracene	1.12089	1.25367	0.010	-11.84559	25.00000	Averaged	
137 Chrysene	1.17937	1.16330	0.010	1.36240	25.00000	Averaged	
139 bis(2-ethylhexyl)Phthalate	0.63192	0.78461	0.010	-24.16295	25.00000	Averaged	
140 Di-n-octylphthalate	1.23966	1.46272	0.010	-17.99355	20.00000	Averaged	
141 Benzo(b)fluoranthene	1.41999	1.12732	0.010	20.61082	25.00000	Averaged	
142 Benzo(k)fluoranthene	1.58667	1.74330	0.010	-9.87132	25.00000	Averaged	
143 7,12-dimethylbenz[a]anthrac	0.65188	0.61968	0.010	4.93902	25.00000	Averaged	
146 Benzo(a)pyrene	1.17641	1.15291	0.010	1.99715	20.00000	Averaged	
149 Indeno(1,2,3-cd)pyrene	1.52093	1.35139	0.010	11.14664	25.00000	Averaged	
150 Dibenz(a,h)anthracene	1.27518	1.18092	0.010	7.39194	25.00000	Averaged	
151 Benzo(g,h,i)perylene	1.36268	1.20113	0.010	11.85583	25.00000	Averaged	

Test America Pittsburgh

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: 732.i Injection Date: 04-AUG-2008 05:34
Lab File ID: D08040C1.D Init. Cal. Date(s): 12-JUN-2008 12-JUN-2008
Analysis Type: Init. Cal. Times: 06:57 12:21
Lab Sample ID: sstd4 Quant Type: ISTD
Method: \\PITSVR06\D\chem\732.i\d080408.b\ll.m

COMPOUND	RRF / AMOUNT	RF4	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE
$ 154 Nitrobenzene-d5	0.34499	0.37707	0.010	-9.29932	25.00000	Averaged
$ 155 2-Fluorobiphenyl	1.35917	1.30541	0.010	3.95552	25.00000	Averaged
$ 156 Terphenyl-d14	0.79842	0.87138	0.010	-9.13821	25.00000	Averaged
$ 157 Phenol-d5	1.35739	1.30525	0.010	3.84102	25.00000	Averaged
$ 158 2-Fluorophenol	1.06080	1.08548	0.010	-2.32655	25.00000	Averaged
$ 159 2,4,6-Tribromophenol	0.09218	0.10576	0.010	-14.73871	25.00000	Averaged
$ 186 2-Chlorophenol-d4	1.35232	1.29274	0.010	4.40595	25.00000	Averaged
$ 187 1,2-Dichlorobenzene-d4	1.01717	1.00469	0.010	1.22739	25.00000	Averaged

METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: C8G260118 **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: C8H010000-085 **Prep Batch #...:** 8214085						
Silver	ND	0.50	mg/kg	SW846 6010B	08/01-08/12/08	KTGN31AA
		Dilution Factor: 1				
		Analysis Time..: 17:57		Analyst ID.....: 022952	Instrument ID..: TRA	
Aluminum	ND	20.0	mg/kg	SW846 6010B	08/01-08/12/08	KTGN31AC
		Dilution Factor: 1				
		Analysis Time..: 17:57		Analyst ID.....: 022952	Instrument ID..: TRA	
Arsenic	ND	1.0	mg/kg	SW846 6010B	08/01-08/12/08	KTGN31AD
		Dilution Factor: 1				
		Analysis Time..: 17:57		Analyst ID.....: 022952	Instrument ID..: TRA	
Barium	ND	20.0	mg/kg	SW846 6010B	08/01-08/12/08	KTGN31AE
		Dilution Factor: 1				
		Analysis Time..: 17:57		Analyst ID.....: 022952	Instrument ID..: TRA	
Beryllium	ND	0.40	mg/kg	SW846 6010B	08/01-08/12/08	KTGN31AF
		Dilution Factor: 1				
		Analysis Time..: 17:57		Analyst ID.....: 022952	Instrument ID..: TRA	
Calcium	ND	500	mg/kg	SW846 6010B	08/01-08/12/08	KTGN31AG
		Dilution Factor: 1				
		Analysis Time..: 17:57		Analyst ID.....: 022952	Instrument ID..: TRA	
Cadmium	ND	0.50	mg/kg	SW846 6010B	08/01-08/12/08	KTGN31AH
		Dilution Factor: 1				
		Analysis Time..: 17:57		Analyst ID.....: 022952	Instrument ID..: TRA	
Cobalt	ND	5.0	mg/kg	SW846 6010B	08/01-08/12/08	KTGN31AJ
		Dilution Factor: 1				
		Analysis Time..: 17:57		Analyst ID.....: 022952	Instrument ID..: TRA	
Chromium	ND	0.50	mg/kg	SW846 6010B	08/01-08/12/08	KTGN31AK
		Dilution Factor: 1				
		Analysis Time..: 17:57		Analyst ID.....: 022952	Instrument ID..: TRA	
Copper	ND	2.5	mg/kg	SW846 6010B	08/01-08/12/08	KTGN31AL
		Dilution Factor: 1				
		Analysis Time..: 17:57		Analyst ID.....: 022952	Instrument ID..: TRA	
Iron	**6.4 B**	**10.0**	**mg/kg**	**SW846 6010B**	**08/01-08/12/08**	**KTGN31AM**
		Dilution Factor: 1				
		Analysis Time..: 17:57		Analyst ID.....: 022952	Instrument ID..: TRA	

(Continued on next page)

METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: C8G260118 **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Potassium	ND	500	mg/kg	SW846 6010B	08/01-08/12/08	KTGN31AN
		Dilution Factor: 1				
		Analysis Time..: 17:57		Analyst ID.....: 022952	Instrument ID..: TRA	
Magnesium	ND	500	mg/kg	SW846 6010B	08/01-08/12/08	KTGN31AP
		Dilution Factor: 1				
		Analysis Time..: 17:57		Analyst ID.....: 022952	Instrument ID..: TRA	
Manganese	**0.087 B**	1.5	**mg/kg**	**SW846 6010B**	**08/01-08/12/08**	**KTGN31AQ**
		Dilution Factor: 1				
		Analysis Time..: 17:57		Analyst ID.....: 022952	Instrument ID..: TRA	
Sodium	ND	500	mg/kg	SW846 6010B	08/01-08/12/08	KTGN31AR
		Dilution Factor: 1				
		Analysis Time..: 17:57		Analyst ID.....: 022952	Instrument ID..: TRA	
Nickel	ND	4.0	mg/kg	SW846 6010B	08/01-08/12/08	KTGN31AT
		Dilution Factor: 1				
		Analysis Time..: 17:57		Analyst ID.....: 022952	Instrument ID..: TRA	
Lead	ND	0.30	mg/kg	SW846 6010B	08/01-08/12/08	KTGN31AU
		Dilution Factor: 1				
		Analysis Time..: 17:57		Analyst ID.....: 022952	Instrument ID..: TRA	
Selenium	ND	0.50	mg/kg	SW846 6010B	08/01-08/12/08	KTGN31AV
		Dilution Factor: 1				
		Analysis Time..: 17:57		Analyst ID.....: 022952	Instrument ID..: TRA	
Thallium	ND	1.0	mg/kg	SW846 6010B	08/01-08/12/08	KTGN31AW
		Dilution Factor: 1				
		Analysis Time..: 17:57		Analyst ID.....: 022952	Instrument ID..: TRA	
Antimony	ND	1.0	mg/kg	SW846 6010B	08/01-08/12/08	KTGN31AX
		Dilution Factor: 1				
		Analysis Time..: 17:57		Analyst ID.....: 022952	Instrument ID..: TRA	
Vanadium	ND	5.0	mg/kg	SW846 6010B	08/01-08/12/08	KTGN31A0
		Dilution Factor: 1				
		Analysis Time..: 17:57		Analyst ID.....: 022952	Instrument ID..: TRA	
Zinc	ND	2.0	mg/kg	SW846 6010B	08/01-08/12/08	KTGN31A1
		Dilution Factor: 1				
		Analysis Time..: 17:57		Analyst ID.....: 022952	Instrument ID..: TRA	

NOTE(S):

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

B Estimated result. Result is less than RL.

METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: C8G260118 **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: C8H120000-015 **Prep Batch #...:** 8225015						
Mercury	ND	0.033	mg/kg	SW846 7471A	08/12/08	KT0K31AA

Dilution Factor: 1
Analysis Time..: 07:21 Analyst ID.....: 031043 Instrument ID..: HGH

NOTE(S):

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

TestAmerica Pittsburgh

Metals Data Reporting Form

Initial Calibration Blank Results

Instrument: ICPST **Units:** ug/L

Chart Number: T80812B.ARC

Standard Source: _____ **Standard ID:** _____

Element	WL/ Mass	Report Limit	ICB1 8/12/2008 12:08 PM Found	Q	Found	Q	Found	Q	Found	Q	Found	Q
Aluminum	308.215	200	14.2	U								
Antimony	220.353	10	0.9	U								
Arsenic	189.042	10	2.3	U								
Barium	493.409	200	0.4	U								
Beryllium	313.042	4	0.3	U								
Cadmium	226.502	5	0.5	U								
Calcium	317.933	6000	251.0	U								
Chromium	267.716	5	0.8	U								
Cobalt	228.616	50	0.4	U								
Copper	324.753	25	1.4	U								
Iron	271.441	100	30.0	U								
Lead	220.353	3	1.6	U								
Magnesium	279.078	5000	13.1	U								
Manganese	257.61	15	0.3	U								
Nickel	231.604	40	1.0	U								
Potassium	766.491	5000	500.0	U								
Selenium	220.353	5	2.9	U								
Silver	328.068	200	**0.6**	**B**								
Sodium	330.232	5000	**-590.0**	**B**								
Thallium	190.864	10	3.2	U								
Vanadium	292.402	50	2.6	U								
Zinc	213.856	20	3.5	U								

U Result is less than the MDL

B Result is between MDL and RL

Form 3 Equivalent

TestAmerica Pittsburgh

Metals Data Reporting Form

Continuing Calibration Blank Result

Instrument: ICPST **Units:** ug/L

Chart Number: T80812B.ARC

Standard Source: _____ **Standard ID:** _____

Element	WL/ Mass	Report Limit	CCB6 8/12/2008 6:41 PM Found	Q	CCB7 8/12/2008 7:47 PM Found	Q	CCB8 8/12/2008 8:53 PM Found	Q	Found	Q	Found	Q
Aluminum	308.215	200	**-16.0**	**B**	14.2	U	14.2	U				
Antimony	220.353	10	0.9	U	0.9	U	0.9	U				
Arsenic	189.042	10	2.3	U	2.3	U	2.3	U				
Barium	493.409	200	0.4	U	0.4	U	0.4	U				
Beryllium	313.042	4	0.3	U	0.3	U	0.3	U				
Cadmium	226.502	5	0.5	U	0.5	U	0.5	U				
Calcium	317.933	6000	251.0	U	251.0	U	251.0	U				
Chromium	267.716	5	0.8	U	0.8	U	0.8	U				
Cobalt	228.616	50	0.4	U	0.4	U	0.4	U				
Copper	324.753	25	1.4	U	1.4	U	1.4	U				
Iron	271.441	100	30.0	U	30.0	U	30.0	U				
Lead	220.353	3	1.6	U	1.6	U	1.6	U				
Magnesium	279.078	5000	13.1	U	13.1	U	13.1	U				
Manganese	257.61	15	0.3	U	0.3	U	0.3	U				
Nickel	231.604	40	1.0	U	1.0	U	1.0	U				
Potassium	766.491	5000	500.0	U	500.0	U	500.0	U				
Selenium	220.353	5	2.9	U	2.9	U	2.9	U				
Silver	328.068	200	**0.4**	**B**	0.4	U	0.4	U				
Sodium	330.232	5000	**-550.0**	**B**	**-620.0**	**B**	**-670.0**	**B**				
Thallium	190.864	10	3.2	U	3.2	U	3.2	U				
Vanadium	292.402	50	2.6	U	2.6	U	2.6	U				
Zinc	213.856	20	3.5	U	3.5	U	3.5	U				

U Result is less than the MDL
B Result is between MDL and RL

Form 3 Equivalent

TestAmerica Pittsburgh

Metals Data Reporting Form

Continuing Calibration Blank Result

Instrument: ICPST **Units:** ug/L

Chart Number: T80812B.ARC

Standard Source: _____ **Standard ID:** _____

Element	WL/ Mass	Report Limit	CCB1 8/12/2008 1:14 PM		CCB2 8/12/2008 2:14 PM		CCB3 8/12/2008 3:21 PM		CCB4 8/12/2008 4:27 PM		CCB5 8/12/2008 5:33 PM	
			Found	Q	Found	Q	Found	Q	Found	Q	Found	Q
Aluminum	308.215	200	14.2	U	14.2	U	14.2	U	14.2	U	14.2	U
Antimony	220.353	10	0.9	U	0.9	U	0.9	U	0.9	U	0.9	U
Arsenic	189.042	10	2.3	U	2.3	U	2.3	U	2.3	U	2.3	U
Barium	493.409	200	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U
Beryllium	313.042	4	0.3	U	0.3	U	0.3	U	0.3	U	0.3	U
Cadmium	226.502	5	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Calcium	317.933	6000	251.0	U	251.0	U	251.0	U	251.0	U	251.0	U
Chromium	267.716	5	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U
Cobalt	228.616	50	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U
Copper	324.753	25	1.4	U	1.4	U	1.4	U	1.4	U	1.4	U
Iron	271.441	100	30.0	U	30.0	U	30.0	U	30.0	U	30.0	U
Lead	220.353	3	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U
Magnesium	279.078	5000	13.1	U	13.1	U	13.1	U	13.1	U	13.1	U
Manganese	257.61	15	0.3	U	0.3	U	0.3	U	0.3	U	0.3	U
Nickel	231.604	40	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Potassium	766.491	5000	500.0	U	500.0	U	500.0	U	500.0	U	500.0	U
Selenium	220.353	5	2.9	U	2.9	U	2.9	U	2.9	U	2.9	U
Silver	328.068	200	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U
Sodium	330.232	5000	**-550.0**	**B**	**-510.0**	**B**	**-440.0**	**B**	**-520.0**	**B**	**-550.0**	**B**
Thallium	190.864	10	3.2	U	3.2	U	3.2	U	3.2	U	3.2	U
Vanadium	292.402	50	2.6	U	2.6	U	2.6	U	2.6	U	2.6	U
Zinc	213.856	20	3.5	U	3.5	U	3.5	U	3.5	U	3.5	U

U Result is less than the MDL

B Result is between MDL and RL

Form 3 Equivalent

ENSR, Schenectady RI

Cyanide, Total

Lab Name:	TESTAMERICA PITTSBURGH	**Method:**	SW846 9012A
Client Name:	ENSR International	**Lot Number:**	C8G290000
Matrix:	SOLID	**Date/Time Received:**	7/24/2008 10:20:00AM

Client Sample ID	QC Sample Type	Workorder	Recovery (%)	Control Limits (%)	Prep Date - Analysis Date/Time	QC Batch	RPD / Limit (%)
CHECK SAMPLE	LCS	KTAAK1AC	103	38 - 162	7/29/2008 - 7/29/2008 13:18	8211160	
LAB MS/MSD	MS	KR4GA1CQ	93	75 - 125	7/29/2008 - 7/29/2008 13:26	8211160	1.4 / 20
SB46(8-10)	MS	KR7VP1A7	307 N	75 - 125	7/29/2008 - 7/29/2008 13:32	8211160	29 / 20
LAB MS/MSD	MSD	KR4GA1CR	94	75 - 125	7/29/2008 - 7/29/2008 13:26	8211160	1.4 / 20
SB46(8-10)	MSD	KR7VP1A8	146 N *	75 - 125	7/29/2008 - 7/29/2008 13:32	8211160	29 / 20

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

N Spiked analyte recovery is outside stated control limits.

CASE NARRATIVE

ENSR
Schenectady RI

Lot # C8H080154

Sample Receiving:
Samples were received at TestAmerica's Pittsburgh laboratory on August 7, 2008. The cooler was received within the proper temperature range.

If project specific QC was not required for samples contained in this report and batch QC was completed on these samples, anomalous results will be discussed below.

GC/MS Volatiles:
Due to the concentration of target compounds samples SB49(22-24) and SB49(28-30) were analyzed as medium level, methanol dilutions.

GC/MS Semivolatiles:
There were no problems associated with the analysis.

Metals:
The method blank had manganese detected at a concentration between the MDL and the reporting limit. The result was flagged with a "B" qualifier. Any sample associated with a method blank that had the same analyte detected had the result flagged with a "J" qualifier.

For the matrix spike and matrix spike duplicate of sample SB46(74-76), aluminum, calcium, iron, and manganese recoveries were not calculated due to the concentration of analyte in the sample being >4 times the concentration of spike added.

General Chemistry:
The method blank had cyanide detected at a concentration between the MDL and the reporting limit. The result was flagged with a "B" qualifier. Any sample associated with a method blank that had the same analyte detected had the result flagged with a "J" qualifier.

C8H080154

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TAL-4142 (0907)

Client	Project Manager	Date	Chain of Custody Number
ENSR	JAMES EDWARDS	8/4/08	395251
Address	**Telephone Number (Area Code)/Fax Number**	**Lab Number**	**Page** 1 of 1
1001 W. SENECA ST.	607-277-5716		
City / **State** / **Zip Code**	**Site Contact**	**Lab Contact**	
ITHACA / NY / 14850	JESSE LLOYD		
Project Name and Location (State)	**Carrier/Waybill Number**		
SCHENECTADY MGP/SCHENECTADY, NY			
Contract/Purchase Order/Quote No.			

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed	Soil	Containers & Preservatives: Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	Analysis: TCL VOC (8260B)	TCL SVOC (8270C)	TAL Metals 6010B-7000	Total CN 9012A	Special Instructions/ Conditions of Receipt
SB46 (74-76)	7/31/08	1400				X	Z						X	X	X	X	
SB49 (8-10)	8/1/08	1015				X	Z						X	X	X	X	
SB49 (22-24)	8/1/08	1300				X	Z						X	X	X	X	
SB49 (28-30)	8/1/08	1315				X	Z						X	X	X	X	
SB49 (72-74)	8/4/08	1200				X	Z						X	X	X	X	

Possible Hazard Identification
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal
☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months (A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required
☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☒ Other ROUTINE

QC Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By	8/4/08	1650 EDT	1. Received By		
2. Relinquished By			2. Received By	8/7/08	0915
3. Relinquished By			3. Received By		

Comments

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

6

(1 - 101)

Cooler Receipt Form
TestAmerica Pittsburgh

Client: ENSR Project: _____ Quote: 72910

Cooler Rec'd & Opened for Temp. Check on: 8/7/08

Coolers Opened and Unpacked on: 8/8/08 By: PRF (Signature)

TestAmerica Pittsburgh Lot Number: C8H080154

		Yes	No	NA
1.	Were custody seals on the outside of the cooler?		✓	
	If YES, how many and where? Quantity __ Location			✓
	Were signatures and date correct?			
2.	Were custody papers included inside the cooler?	✓		
3.	Were custody papers properly filled out (ink, signed, match labels)?	✓		
4.	Did you sign the custody papers in the appropriate place?	✓		
5.	Was shippers packing slip attached to this form?	✓		
6.	Were packing materials used?			
	If YES, what type? Bubble Wrap			
7.	Were the samples received within the acceptable temperature range?	✓		
8.	Were the samples appropriately preserved?			✓
9.	Were all bottles sealed in separate plastic bags?		✓	
10.	Did all bottles arrive in good condition (unbroken)?	✓		
11.	Were all bottle labels complete (sample ID, preservatives, etc.)?	✓		
12.	Did all bottle labels and/or tags agree with custody papers?	✓		
13.	Were correct bottles used for tests indicated?	✓		
14.	Were all VOA vials checked for the presence of air bubbles?			✓
15.	Was a sufficient amount of sample sent in each bottle?	✓		

16. Samples received by: (FEDEX) UPS CLIENT DROP-OFF OTHER DHL US CARGO

Explain any discrepancies: _____

Level 2 Review _____

Was contacted on _____ by _____ to resolve discrepancies.

Cooler Receipt Form

TestAmerica Pittsburgh

P: Preserved
UP: Unpreserved

Sample ID	TMET PH<2	DMET PH<2	HG PH<2	NUT(1) PH<2	CN PH ≥12	OG TPHC PH<2	PHEN PH<2	SULF PH ≥12	TOC PH<2	TOX PH<2	VOA P/UP	hrdnss PH<2			

(1) "NUT" could include sample bottles for ammonia, chemical oxygen demand, nitrate/nitrite, TKN, or total phosphorus

Comments: _____

Cooler Number	Temperature*	Thermometer ID
1	3.9	2

*Acceptable Temperature Range: 4°C ± 2°C

Sample	Lot Number**

**Please use an asterisk if bottle lot number was covered by the level

If samples required preservation in the laboratory, the following lot number(s) was/were used:

Nitric Acid _____ Hydrochloric Acid _____

Sulfuric Acid _____ Sodium Hydroxide _____

TestAmerica Pittsburgh

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: hp3.i Injection Date: 11-AUG-2008 05:39
Lab File ID: 1C30811.D Init. Cal. Date(s): 28-JUN-2008 30-JUN-2008
Analysis Type: SOIL Init. Cal. Times: 10:14 08:12
Lab Sample ID: vstd40 Quant Type: ISTD
Method: \\pitsvr06\d\chem\hp3.i\3081108d.b\8260bsoil.m

COMPOUND	RRF / AMOUNT	RF40	CCAL RRF40	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE	
$ 39 Dibromofluoromethane	0.22840	0.20248	0.20248	0.010	11.35157	25.00000	Averaged	
$ 43 1,2-Dichloroethane-d4	0.28403	0.26077	0.26077	0.010	8.19034	25.00000	Averaged	
$ 59 Toluene-d8	4.52798	3.87930	3.87930	0.010	14.32608	25.00000	Averaged	
$ 80 Bromofluorobenzene	1.77293	1.51933	1.51933	0.010	14.30389	25.00000	Averaged	
1 Dichlorodifluoromethane	0.29973	0.20781	0.20781	0.010	30.66804	25.00000	Averaged	<-
2 Chloromethane	0.38365	0.31135	0.31135	0.100	18.84552	25.00000	Averaged	
3 Vinyl Chloride	0.44515	0.37210	0.37210	0.010	16.40888	20.00000	Averaged	
4 Bromomethane	0.10681	0.10557	0.10557	0.010	1.15665	25.00000	Averaged	
5 Chloroethane	0.13242	0.12049	0.12049	0.010	9.01270	25.00000	Averaged	
166 Trichlorofluoromethane	0.20850	0.22850	0.22850	0.010	-9.59118	25.00000	Averaged	
10 1,1,2-trichloro-1,2,2-trifl	0.26180	0.23840	0.23840	0.010	8.94008	25.00000	Averaged	
12 1,1-Dichloroethene	0.26335	0.24424	0.24424	0.010	7.25549	20.00000	Averaged	
15 Carbon Disulfide	0.86492	0.68669	0.68669	0.010	20.60701	25.00000	Averaged	
13 Acetone	200	154	0.09682	0.010	23.22237	0.000e+000	Quadratic	
18 Methylene Chloride	200	191	0.29514	0.010	4.43753	0.000e+000	Quadratic	
19 trans-1,2-Dichloroethene	0.30055	0.28813	0.28813	0.010	4.13437	25.00000	Averaged	
20 Methyl tert-butyl ether	0.92487	0.88285	0.88285	0.010	4.54305	25.00000	Averaged	
24 1,1-Dichloroethane	0.55459	0.54799	0.54799	0.100	1.19127	25.00000	Averaged	
27 2,2-Dichloropropane	0.33248	0.29542	0.29542	0.010	11.14672	25.00000	Averaged	
28 cis-1,2-dichloroethene	0.31907	0.30715	0.30715	0.010	3.73454	25.00000	Averaged	
M 29 1,2-Dichloroethene (total)	0.30981	0.29764	0.29764	0.010	3.92848	25.00000	Averaged	
30 Bromochloromethane	0.13540	0.13176	0.13176	0.010	2.68193	25.00000	Averaged	
31 2-Butanone	0.16327	0.15553	0.15553	0.010	4.73648	25.00000	Averaged	
37 Chloroform	0.48194	0.47953	0.47953	0.010	0.50097	20.00000	Averaged	
38 1,1,1-Trichloroethane	0.38568	0.37312	0.37312	0.010	3.25556	25.00000	Averaged	
40 1,1-Dichloropropene	0.40639	0.39632	0.39632	0.010	2.47794	25.00000	Averaged	
41 Carbon Tetrachloride	0.32805	0.32005	0.32005	0.010	2.43682	25.00000	Averaged	
42 Benzene	1.18949	1.19991	1.19991	0.010	-0.87635	25.00000	Averaged	
45 1,2-Dichloroethane	0.36325	0.37705	0.37705	0.010	-3.79890	25.00000	Averaged	
47 Trichloroethene	0.27374	0.27635	0.27635	0.010	-0.95210	25.00000	Averaged	
49 1,2-Dichloropropane	0.28621	0.30423	0.30423	0.010	-6.29533	20.00000	Averaged	
50 Dibromomethane	0.14881	0.15333	0.15333	0.010	-3.03845	25.00000	Averaged	
53 Bromodichloromethane	0.31497	0.33949	0.33949	0.010	-7.78536	25.00000	Averaged	
57 cis-1,3-Dichloropropene	0.39855	0.45188	0.45188	0.010	-13.38081	25.00000	Averaged	
58 4-Methyl-2-Pentanone	1.60277	1.36663	1.36663	0.010	14.73298	25.00000	Averaged	
60 Toluene	5.60627	5.21502	5.21502	0.010	6.97886	20.00000	Averaged	
61 trans-1,3-Dichloropropene	1.74011	1.81826	1.81826	0.010	-4.49129	25.00000	Averaged	
63 1,3-Dichloropropane	1.85095	1.91849	1.91849	0.010	-3.64896	25.00000	Averaged	
64 1,1,2-Trichloroethane	1.01440	1.05547	1.05547	0.010	-4.04840	25.00000	Averaged	
65 Tetrachloroethene	1.03973	0.98619	0.98619	0.010	5.14961	25.00000	Averaged	
66 2-Hexanone	1.03703	0.95113	0.95113	0.010	8.28384	25.00000	Averaged	
67 Dibromochloromethane	1.00245	0.99487	0.99487	0.010	0.75665	25.00000	Averaged	
68 1,2-Dibromoethane	1.02690	1.04223	1.04223	0.010	-1.49360	25.00000	Averaged	

TestAmerica Pittsburgh

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: hp3.i
Lab File ID: 1C30811.D
Analysis Type: SOIL
Lab Sample ID: vstd40
Method: \\pitsvr06\d\chem\hp3.i\3081108d.b\8260bsoil.m

Injection Date: 11-AUG-2008 05:39
Init. Cal. Date(s): 28-JUN-2008 30-JUN-2008
Init. Cal. Times: 10:14 08:12
Quant Type: ISTD

COMPOUND	RRF / AMOUNT	RF40	CCAL RRF40	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE
70 Chlorobenzene	3.33870	3.29182	3.29182	0.300	1.40404	25.00000	Averaged
71 1,1,1,2-Tetrachloroethane	1.20896	1.11676	1.11676	0.010	7.62680	25.00000	Averaged
72 Ethylbenzene	1.94786	1.89126	1.89126	0.010	2.90577	20.00000	Averaged
73 m + p-Xylene	2.39520	2.33079	2.33079	0.010	2.68921	25.00000	Averaged
74 Xylene-o	2.51767	2.31119	2.31119	0.010	8.20106	25.00000	Averaged
76 Styrene	3.99137	3.86448	3.86448	0.010	3.17897	25.00000	Averaged
77 Bromoform	0.73290	0.69784	0.69784	0.100	4.78360	25.00000	Averaged
78 Isopropylbenzene	6.55213	6.20459	6.20459	0.010	5.30431	25.00000	Averaged
79 Bromobenzene	0.81219	0.86288	0.86288	0.010	-6.24083	25.00000	Averaged
81 n-Propylbenzene	1.00880	1.04819	1.04819	0.010	-3.90388	25.00000	Averaged
82 2-Chlorotoluene	0.83164	0.87131	0.87131	0.010	-4.76955	25.00000	Averaged
83 1,1,2,2-Tetrachloroethane	1.70570	1.58046	1.58046	0.300	7.34270	25.00000	Averaged
84 1,2,3-Trichloropropane	0.30187	0.31772	0.31772	0.010	-5.25170	25.00000	Averaged
85 4-Chlorotoluene	0.80999	0.81924	0.81924	0.010	-1.14201	25.00000	Averaged
86 1,3,5-Trimethylbenzene	3.09755	3.32128	3.32128	0.010	-7.22270	25.00000	Averaged
87 tert-Butylbenzene	2.58468	2.88173	2.88173	0.010	-11.49273	25.00000	Averaged
88 1,2,4-Trimethylbenzene	3.11718	3.31999	3.31999	0.010	-6.50611	25.00000	Averaged
89 sec-Butylbenzene	3.93224	4.27132	4.27132	0.010	-8.62321	25.00000	Averaged
90 4-Isopropyltoluene	3.38783	3.62952	3.62952	0.010	-7.13409	25.00000	Averaged
91 1,3-Dichlorobenzene	1.65704	1.71904	1.71904	0.010	-3.74152	25.00000	Averaged
93 1,4-Dichlorobenzene	1.69711	1.73328	1.73328	0.010	-2.13131	25.00000	Averaged
94 n-Butylbenzene	3.17525	3.31380	3.31380	0.010	-4.36346	25.00000	Averaged
95 1,2-Dichlorobenzene	1.61757	1.64864	1.64864	0.010	-1.92037	25.00000	Averaged
96 1,2-Dibromo-3-chloropropane	0.23667	0.21241	0.21241	0.010	10.24772	25.00000	Averaged
97 1,2,4-Trichlorobenzene	1.20775	1.21398	1.21398	0.010	-0.51607	25.00000	Averaged
98 Hexachlorobutadiene	0.57741	0.58888	0.58888	0.010	-1.98737	25.00000	Averaged
99 Naphthalene	3.00914	3.05576	3.05576	0.010	-1.54932	25.00000	Averaged
100 1,2,3-Trichlorobenzene	1.05455	1.09750	1.09750	0.010	-4.07264	25.00000	Averaged
156 Methyl Acetate	0.29127	0.24368	0.24368	0.010	16.33711	25.00000	Averaged
157 Cyclohexane	0.62477	0.54863	0.54863	0.010	12.18701	25.00000	Averaged
158 Methyl Cyclohexane	0.61635	0.57651	0.57651	0.010	6.46468	25.00000	Averaged
165 1,3,5-Trichlorobenzene	1.36889	1.29002	1.29002	0.010	5.76135	50.00000	Averaged
M 75 Xylenes (total)	2.43602	2.32426	2.32426	0.010	4.58808	25.00000	Averaged

TestAmerica Pittsburgh

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: hp5.i
Lab File ID: CC50814.D
Analysis Type: SOIL
Lab Sample ID: vstd40
Method: \\pitsvr06\d\chem\hp5.i\5081408d.b\med500.m

Injection Date: 14-AUG-2008 07:32
Init. Cal. Date(s): 03-JUL-2008 05-AUG-2008
Init. Cal. Times: 08:29 13:10
Quant Type: ISTD

COMPOUND	RRF / AMOUNT	RF40	CCAL RRF40	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE
$ 39 Dibromofluoromethane	0.21877	0.21324	0.21324	0.010	2.52589	25.00000	Averaged
$ 43 1,2-Dichloroethane-d4	0.30609	0.30487	0.30487	0.010	0.40000	25.00000	Averaged
$ 59 Toluene-d8	4.05856	3.63595	3.63595	0.010	10.41284	25.00000	Averaged
$ 80 Bromofluorobenzene	1.65018	1.50861	1.50861	0.010	8.57911	25.00000	Averaged
1 Dichlorodifluoromethane	0.22755	0.27426	0.27426	0.010	-20.52514	25.00000	Averaged
2 Chloromethane	0.32370	0.35026	0.35026	0.100	-8.20554	25.00000	Averaged
3 Vinyl Chloride	0.30506	0.31158	0.31158	0.010	-2.13835	20.00000	Averaged
4 Bromomethane	0.10045	0.09590	0.09590	0.010	4.53216	25.00000	Averaged
5 Chloroethane	0.08831	0.08785	0.08785	0.010	0.51234	25.00000	Averaged
6 Trichlorofluoromethane	200	168	0.27760	0.010	16.19688	0.000e+000	Quadratic
10 1,1,2-trichloro-1,2,2-trifl	0.24863	0.24060	0.24060	0.010	3.23213	25.00000	Averaged
12 1,1-Dichloroethene	0.22475	0.20946	0.20946	0.010	6.80039	20.00000	Averaged
15 Carbon Disulfide	0.76670	0.63569	0.63569	0.010	17.08819	25.00000	Averaged
13 Acetone	200	184	0.07548	0.010	7.94107	0.000e+000	Quadratic
18 Methylene Chloride	0.26382	0.25342	0.25342	0.010	3.94270	25.00000	Averaged
19 trans-1,2-Dichloroethene	0.26083	0.24929	0.24929	0.010	4.42377	25.00000	Averaged
20 Methyl tert-butyl ether	0.73544	0.66635	0.66635	0.010	9.39376	25.00000	Averaged
24 1,1-Dichloroethane	0.48357	0.51828	0.51828	0.100	-7.17770	25.00000	Averaged
27 2,2-Dichloropropane	0.35463	0.36422	0.36422	0.010	-2.70334	25.00000	Averaged
28 cis-1,2-dichloroethene	0.27628	0.26718	0.26718	0.010	3.29260	25.00000	Averaged
M 29 1,2-Dichloroethene (total)	0.26855	0.25823	0.25823	0.010	3.84191	25.00000	Averaged
30 Bromochloromethane	0.11858	0.11422	0.11422	0.010	3.67530	25.00000	Averaged
31 2-Butanone	0.11905	0.10818	0.10818	0.010	9.13061	25.00000	Averaged
37 Chloroform	0.44524	0.45849	0.45849	0.010	-2.97451	20.00000	Averaged
38 1,1,1-Trichloroethane	0.37857	0.39876	0.39876	0.010	-5.33427	25.00000	Averaged
40 1,1-Dichloropropene	0.38235	0.37643	0.37643	0.010	1.54810	25.00000	Averaged
41 Carbon Tetrachloride	0.26745	0.30961	0.30961	0.010	-15.76444	25.00000	Averaged
42 Benzene	1.08208	1.07931	1.07931	0.010	0.25627	25.00000	Averaged
45 1,2-Dichloroethane	0.39823	0.40761	0.40761	0.010	-2.35479	25.00000	Averaged
47 Trichloroethene	0.26354	0.26244	0.26244	0.010	0.41495	25.00000	Averaged
49 1,2-Dichloropropane	0.26979	0.29020	0.29020	0.010	-7.56239	20.00000	Averaged
50 Dibromomethane	0.13988	0.13235	0.13235	0.010	5.38860	25.00000	Averaged
53 Bromodichloromethane	0.29703	0.31684	0.31684	0.010	-6.67045	25.00000	Averaged
57 cis-1,3-Dichloropropene	0.38942	0.39072	0.39072	0.010	-0.33617	25.00000	Averaged
58 4-Methyl-2-Pentanone	1.02810	0.91048	0.91048	0.010	11.43977	25.00000	Averaged
60 Toluene	5.05448	4.64731	4.64731	0.010	8.05556	20.00000	Averaged
61 trans-1,3-Dichloropropene	1.52729	1.44853	1.44853	0.010	5.15692	25.00000	Averaged
63 1,3-Dichloropropane	1.64155	1.50588	1.50588	0.010	8.26477	25.00000	Averaged
64 1,1,2-Trichloroethane	0.85549	0.75979	0.75979	0.010	11.18673	25.00000	Averaged
65 Tetrachloroethene	0.92707	0.90310	0.90310	0.010	2.58588	25.00000	Averaged
66 2-Hexanone	0.70312	0.59268	0.59268	0.010	15.70649	25.00000	Averaged
67 Dibromochloromethane	0.72170	0.71672	0.71672	0.010	0.69106	25.00000	Averaged
68 1,2-Dibromoethane	0.84635	0.78307	0.78307	0.010	7.47751	25.00000	Averaged

TestAmerica Pittsburgh

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: hp5.i
Lab File ID: CC50814.D
Analysis Type: SOIL
Lab Sample ID: vstd40
Method: \\pitsvr06\d\chem\hp5.i\5081408d.b\med500.m

Injection Date: 14-AUG-2008 07:32
Init. Cal. Date(s): 03-JUL-2008 05-AUG-2008
Init. Cal. Times: 08:29 13:10
Quant Type: ISTD

COMPOUND	RRF / AMOUNT	RF40	CCAL RRF40	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE	
70 Chlorobenzene	3.19259	2.97413	2.97413	0.300	6.84292	25.00000	Averaged	
71 1,1,1,2-Tetrachloroethane	0.83434	0.90463	0.90463	0.010	-8.42343	25.00000	Averaged	
72 Ethylbenzene	1.76368	1.68501	1.68501	0.010	4.46036	20.00000	Averaged	
73 m + p-Xylene	2.17822	2.08450	2.08450	0.010	4.30250	25.00000	Averaged	
74 Xylene-o	2.09492	2.01934	2.01934	0.010	3.60794	25.00000	Averaged	
M 75 Xylenes (total)	2.15045	2.06278	2.06278	0.010	4.07696	25.00000	Averaged	
76 Styrene	3.65150	3.46068	3.46068	0.010	5.22600	25.00000	Averaged	
77 Bromoform	200	210	0.39045	0.100	-5.21908	0.000e+000	Quadratic	
78 Isopropylbenzene	5.81152	5.57741	5.57741	0.010	4.02848	25.00000	Averaged	
79 Bromobenzene	0.80466	0.71907	0.71907	0.010	10.63709	25.00000	Averaged	
81 n-Propylbenzene	0.98446	0.88652	0.88652	0.010	9.94792	25.00000	Averaged	
82 2-Chlorotoluene	0.78212	0.72966	0.72966	0.010	6.70717	25.00000	Averaged	
83 1,1,2,2-Tetrachloroethane	0.63908	0.55758	0.55758	0.300	12.75306	25.00000	Averaged	
84 1,2,3-Trichloropropane	0.21710	0.18648	0.18648	0.010	14.10427	25.00000	Averaged	
85 4-Chlorotoluene	0.85695	0.83029	0.83029	0.010	3.11140	25.00000	Averaged	
86 1,3,5-Trimethylbenzene	2.94063	2.86823	2.86823	0.010	2.46215	25.00000	Averaged	
87 tert-Butylbenzene	2.65580	2.42353	2.42353	0.010	8.74571	25.00000	Averaged	
88 1,2,4-Trimethylbenzene	2.97577	2.83638	2.83638	0.010	4.68411	25.00000	Averaged	
89 sec-Butylbenzene	3.95278	3.74645	3.74645	0.010	5.21989	25.00000	Averaged	
90 4-Isopropyltoluene	3.36130	3.10750	3.10750	0.010	7.55071	25.00000	Averaged	
91 1,3-Dichlorobenzene	1.60646	1.51084	1.51084	0.010	5.95213	25.00000	Averaged	
93 1,4-Dichlorobenzene	1.66439	1.55461	1.55461	0.010	6.59530	25.00000	Averaged	
94 n-Butylbenzene	3.30999	2.98966	2.98966	0.010	9.67755	25.00000	Averaged	
95 1,2-Dichlorobenzene	1.51881	1.37187	1.37187	0.010	9.67489	25.00000	Averaged	
96 1,2-Dibromo-3-chloropropane	0.10695	0.08079	0.08079	0.010	24.46425	25.00000	Averaged	
97 1,2,4-Trichlorobenzene	1.12608	0.97295	0.97295	0.010	13.59892	25.00000	Averaged	
98 Hexachlorobutadiene	0.65534	0.59487	0.59487	0.010	9.22645	25.00000	Averaged	
99 Naphthalene	2.17611	1.57543	1.57543	0.010	27.60316	25.00000	Averaged	<-
100 1,2,3-Trichlorobenzene	0.94725	0.74643	0.74643	0.010	21.20085	25.00000	Averaged	
155 Methyl Acetate	0.20165	0.18578	0.18578	0.010	7.87309	25.00000	Averaged	
156 Cyclohexane	0.59959	0.58437	0.58437	0.010	2.53846	25.00000	Averaged	
157 Methyl Cyclohexane	0.54277	0.51849	0.51849	0.010	4.47274	25.00000	Averaged	
161 1,3,5-Trichlorobenzene	1.27641	1.25131	1.25131	0.010	1.96649	50.00000	Averaged	

TestAmerica Pittsburgh

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: 733.i
Lab File ID: N08130CC.D
Analysis Type:
Lab Sample ID: sstd4.0
Method: \\PITSVR06\D\chem\733.i\N081308.b\827011.m

Injection Date: 12-AUG-2008 23:07
Init. Cal. Date(s): 23-JUL-2008 23-JUL-2008
Init. Cal. Times: 02:29 04:28
Quant Type: ISTD

COMPOUND	RRF / AMOUNT	RF4	CCAL RRF4	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE
198 1,4-Dioxane	0.37709	0.37806	0.37806	0.010	-0.25727	25.00000	Averaged
10 N-Nitrosodimethylamine	0.53530	0.54233	0.54233	0.010	-1.31269	25.00000	Averaged
9 Pyridine	1.11556	1.03331	1.03331	0.010	7.37359	25.00000	Averaged
16 Methyl methanesulfonate	0.69914	0.69618	0.69618	0.010	0.42314	25.00000	Averaged
206 Benzaldehyde	4.00000	2.30990	0.41915	0.010	42.25255	0.000e+000	Quadratic
21 Aniline	1.97427	1.90584	1.90584	0.010	3.46638	25.00000	Averaged
22 Phenol	1.74429	1.64732	1.64732	0.010	5.55929	20.00000	Averaged
23 bis(2-Chloroethyl)ether	1.13622	1.19011	1.19011	0.010	-4.74265	25.00000	Averaged
24 2-Chlorophenol	1.44213	1.42252	1.42252	0.010	1.35995	25.00000	Averaged
26 1,3-Dichlorobenzene	1.66532	1.61720	1.61720	0.010	2.88956	25.00000	Averaged
27 1,4-Dichlorobenzene	1.70760	1.60768	1.60768	0.010	5.85201	20.00000	Averaged
28 1,2-Dichlorobenzene	1.56406	1.53641	1.53641	0.010	1.76809	25.00000	Averaged
29 Benzyl Alcohol	0.85194	0.74060	0.74060	0.010	13.06889	25.00000	Averaged
30 2-Methylphenol	1.18024	1.14781	1.14781	0.010	2.74777	25.00000	Averaged
31 2,2'-oxybis(1-Chloropropane	1.63901	1.60784	1.60784	0.010	1.90186	25.00000	Averaged
37 Acetophenone	1.74151	1.78733	1.78733	0.010	-2.63117	25.00000	Averaged
32 N-Nitroso-di-n-propylamine	0.80252	0.80133	0.80133	0.050	0.14771	50.00000	Averaged
192 4-Methylphenol	1.28337	1.22167	1.22167	0.010	4.80731	25.00000	Averaged
34 Hexachloroethane	0.67016	0.67731	0.67731	0.010	-1.06753	25.00000	Averaged
35 Nitrobenzene	0.37502	0.37313	0.37313	0.010	0.50640	25.00000	Averaged
41 Isophorone	0.63771	0.63009	0.63009	0.010	1.19550	25.00000	Averaged
42 2-Nitrophenol	0.19816	0.17853	0.17853	0.010	9.90406	20.00000	Averaged
43 2,4-Dimethylphenol	0.35355	0.34209	0.34209	0.010	3.24028	25.00000	Averaged
44 bis(2-Chloroethoxy)methane	0.37279	0.37102	0.37102	0.010	0.47452	25.00000	Averaged
48 2,4-Dichlorophenol	0.32821	0.31372	0.31372	0.010	4.41577	20.00000	Averaged
49 Benzoic Acid	10.00000	9.51629	0.17675	0.010	4.83709	0.000e+000	Quadratic
50 1,2,4-Trichlorobenzene	0.38867	0.36978	0.36978	0.010	4.85945	25.00000	Averaged
51 Naphthalene	1.08707	1.01298	1.01298	0.010	6.81616	25.00000	Averaged
52 4-Chloroaniline	0.43133	0.42861	0.42861	0.010	0.63066	25.00000	Averaged
54 2,6-Dichlorophenol	0.33770	0.33241	0.33241	0.010	1.56643	25.00000	Averaged
56 Hexachlorobutadiene	0.24429	0.24950	0.24950	0.010	-2.13028	20.00000	Averaged
208 Caprolactam	0.07243	0.06773	0.06773	0.010	6.48878	25.00000	Averaged
59 4-Chloro-3-Methylphenol	0.28980	0.28757	0.28757	0.010	0.76933	20.00000	Averaged
62 2-Methylnaphthalene	0.67233	0.66959	0.66959	0.010	0.40656	25.00000	Averaged
63 1-Methylnaphthalene	0.65544	0.65493	0.65493	0.010	0.07809	25.00000	Averaged
64 Hexachlorocyclopentadiene	0.47584	0.43235	0.43235	0.050	9.14028	50.00000	Averaged
66 2,4,6-Trichlorophenol	0.42174	0.40618	0.40618	0.010	3.68928	20.00000	Averaged
67 2,4,5-Trichlorophenol	0.45953	0.46744	0.46744	0.010	-1.72103	25.00000	Averaged
209 1,1'-Biphenyl	1.61728	1.53441	1.53441	0.010	5.12377	25.00000	Averaged
70 2-Chloronaphthalene	1.27143	1.18480	1.18480	0.010	6.81328	25.00000	Averaged
73 2-Nitroaniline	0.32980	0.32898	0.32898	0.010	0.25133	25.00000	Averaged
76 Dimethylphthalate	1.26834	1.23881	1.23881	0.010	2.32837	25.00000	Averaged

TestAmerica Pittsburgh

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: 733.i
Lab File ID: N08130CC.D
Analysis Type:
Lab Sample ID: sstd4.0
Method: \\PITSVR06\D\chem\733.i\N081308.b\827011.m

Injection Date: 12-AUG-2008 23:07
Init. Cal. Date(s): 23-JUL-2008 23-JUL-2008
Init. Cal. Times: 02:29 04:28
Quant Type: ISTD

COMPOUND	RRF / AMOUNT	RF4	CCAL RRF4	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE
78 2,6-Dinitrotoluene	0.25753	0.27357	0.27357	0.010	-6.22808	25.00000	Averaged
79 Acenaphthylene	1.82494	1.71420	1.71420	0.010	6.06838	25.00000	Averaged
81 3-Nitroaniline	0.27912	0.25540	0.25540	0.010	8.49550	25.00000	Averaged
82 Acenaphthene	1.15149	1.05529	1.05529	0.010	8.35377	20.00000	Averaged
83 2,4-Dinitrophenol	10.00000	9.88208	0.14102	0.050	1.17921	0.000e+000	Quadratic
85 4-Nitrophenol	0.20703	0.22593	0.22593	0.050	-9.13210	50.00000	Averaged
86 Dibenzofuran	1.63446	1.56225	1.56225	0.010	4.41770	25.00000	Averaged
87 2,4-Dinitrotoluene	0.33656	0.34059	0.34059	0.010	-1.19651	25.00000	Averaged
91 2,3,5,6-Tetrachlorophenol	0.35468	0.38814	0.38814	0.010	-9.43378	25.00000	Averaged
88 2,3,4,6-Tetrachlorophenol	0.36598	0.36995	0.36995	0.010	-1.08407	25.00000	Averaged
92 2-Naphthylamine	0.87451	0.86798	0.86798	0.010	0.74729	25.00000	Averaged
93 Diethylphthalate	1.18434	1.21178	1.21178	0.010	-2.31725	25.00000	Averaged
94 Fluorene	1.30130	1.27882	1.27882	0.010	1.72725	25.00000	Averaged
95 4-Chlorophenyl-phenylether	0.66304	0.69190	0.69190	0.010	-4.35356	25.00000	Averaged
96 4-Nitroaniline	0.29193	0.28195	0.28195	0.010	3.41815	25.00000	Averaged
98 4,6-Dinitro-2-methylphenol	10.00000	9.74270	0.11971	0.010	2.57302	0.000e+000	Quadratic
99 N-Nitrosodiphenylamine (1)	0.51874	0.49392	0.49392	0.010	4.78391	20.00000	Averaged
100 1,2-Diphenylhydrazine	0.76695	0.73150	0.73150	0.010	4.62165	25.00000	Averaged
106 4-Bromophenyl-phenylether	0.22744	0.21131	0.21131	0.010	7.09307	25.00000	Averaged
107 Hexachlorobenzene	0.21438	0.21750	0.21750	0.010	-1.45517	25.00000	Averaged
210 Atrazine	0.20714	0.19416	0.19416	0.010	6.26662	25.00000	Averaged
111 Pentachlorophenol	0.14436	0.14100	0.14100	0.010	2.33006	20.00000	Averaged
115 Phenanthrene	1.07822	1.04450	1.04450	0.010	3.12784	25.00000	Averaged
116 Anthracene	1.09359	1.03722	1.03722	0.010	5.15453	25.00000	Averaged
119 Carbazole	0.90840	0.87486	0.87486	0.010	3.69260	25.00000	Averaged
120 Di-n-Butylphthalate	1.11235	1.03691	1.03691	0.010	6.78198	25.00000	Averaged
123 Fluoranthene	1.10711	1.13652	1.13652	0.010	-2.65633	20.00000	Averaged
124 Benzidine	4.00000	2.35780	0.32849	0.010	41.05494	0.000e+000	Quadratic
125 Pyrene	1.41469	1.48009	1.48009	0.010	-4.62279	25.00000	Averaged
131 Butylbenzylphthalate	0.58910	0.54193	0.54193	0.010	8.00788	25.00000	Averaged
135 3,3'-Dichlorobenzidine	0.44383	0.40776	0.40776	0.010	8.12542	25.00000	Averaged
136 Benzo(a)Anthracene	1.28111	1.28191	1.28191	0.010	-0.06218	25.00000	Averaged
137 Chrysene	1.21586	1.19262	1.19262	0.010	1.91144	25.00000	Averaged
139 bis(2-ethylhexyl)Phthalate	0.82615	0.74685	0.74685	0.010	9.59822	25.00000	Averaged
140 Di-n-octylphthalate	1.58769	1.36807	1.36807	0.010	13.83276	20.00000	Averaged
141 Benzo(b)fluoranthene	1.56745	1.55305	1.55305	0.010	0.91836	25.00000	Averaged
142 Benzo(k)fluoranthene	1.70245	1.57482	1.57482	0.010	7.49694	25.00000	Averaged
143 7,12-dimethylbenz(a)anthrac	0.70617	0.71537	0.71537	0.010	-1.30257	25.00000	Averaged
146 Benzo(a)pyrene	1.31210	1.23715	1.23715	0.010	5.71205	20.00000	Averaged
149 Indeno(1,2,3-cd)pyrene	1.54749	1.28145	1.28145	0.010	17.19198	25.00000	Averaged
150 Dibenz(a,h)anthracene	1.22390	0.99387	0.99387	0.010	18.79491	25.00000	Averaged
151 Benzo(g,h,i)perylene	1.30197	1.07791	1.07791	0.010	17.20934	25.00000	Averaged

TestAmerica Pittsburgh

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: 733.i Injection Date: 12-AUG-2008 23:07
Lab File ID: N08130CC.D Init. Cal. Date(s): 23-JUL-2008 23-JUL-2008
Analysis Type: Init. Cal. Times: 02:29 04:28
Lab Sample ID: sstd4.0 Quant Type: ISTD
Method: \\PITSVR06\D\chem\733.i\N081308.b\827011.m

COMPOUND	RRF / AMOUNT	RF4	CCAL RRF4	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE
$ 154 Nitrobenzene-d5	0.38803	0.36305	0.36305	0.010	6.43816	25.00000	Averaged
$ 155 2-Fluorobiphenyl	1.38705	1.25650	1.25650	0.010	9.41213	25.00000	Averaged
$ 156 Terphenyl-d14	0.90470	0.95834	0.95834	0.010	-5.92972	25.00000	Averaged
$ 157 Phenol-d5	1.58102	1.56512	1.56512	0.010	1.00567	25.00000	Averaged
$ 158 2-Fluorophenol	1.26555	1.25317	1.25317	0.010	0.97813	25.00000	Averaged
$ 159 2,4,6-Tribromophenol	0.09686	0.10761	0.10761	0.010	-11.10306	25.00000	Averaged
$ 186 2-Chlorophenol-d4	1.47358	1.42363	1.42363	0.010	3.39009	25.00000	Averaged
$ 187 1,2-Dichlorobenzene-d4	1.02251	1.03948	1.03948	0.010	-1.65950	25.00000	Averaged

METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: C8H080154 **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: C8H200000-156 **Prep Batch #...:** 8233156						
Silver	ND	0.50	mg/kg	SW846 6010B	08/20-08/25/08	KVFH31AA
		Dilution Factor: 1				
		Analysis Time..: 17:45		Analyst ID.....: 022952	Instrument ID..: TRA	
Aluminum	ND	20.0	mg/kg	SW846 6010B	08/20-08/25/08	KVFH31AC
		Dilution Factor: 1				
		Analysis Time..: 17:45		Analyst ID.....: 022952	Instrument ID..: TRA	
Arsenic	ND	1.0	mg/kg	SW846 6010B	08/20-08/25/08	KVFH31AD
		Dilution Factor: 1				
		Analysis Time..: 17:45		Analyst ID.....: 022952	Instrument ID..: TRA	
Barium	ND	20.0	mg/kg	SW846 6010B	08/20-08/25/08	KVFH31AE
		Dilution Factor: 1				
		Analysis Time..: 17:45		Analyst ID.....: 022952	Instrument ID..: TRA	
Beryllium	ND	0.40	mg/kg	SW846 6010B	08/20-08/25/08	KVFH31AF
		Dilution Factor: 1				
		Analysis Time..: 17:45		Analyst ID.....: 022952	Instrument ID..: TRA	
Calcium	ND	500	mg/kg	SW846 6010B	08/20-08/25/08	KVFH31AG
		Dilution Factor: 1				
		Analysis Time..: 17:45		Analyst ID.....: 022952	Instrument ID..: TRA	
Cadmium	ND	0.50	mg/kg	SW846 6010B	08/20-08/25/08	KVFH31AH
		Dilution Factor: 1				
		Analysis Time..: 17:45		Analyst ID.....: 022952	Instrument ID..: TRA	
Cobalt	ND	5.0	mg/kg	SW846 6010B	08/20-08/25/08	KVFH31AJ
		Dilution Factor: 1				
		Analysis Time..: 17:45		Analyst ID.....: 022952	Instrument ID..: TRA	
Chromium	ND	0.50	mg/kg	SW846 6010B	08/20-08/25/08	KVFH31AK
		Dilution Factor: 1				
		Analysis Time..: 17:45		Analyst ID.....: 022952	Instrument ID..: TRA	
Copper	ND	2.5	mg/kg	SW846 6010B	08/20-08/25/08	KVFH31AL
		Dilution Factor: 1				
		Analysis Time..: 17:45		Analyst ID.....: 022952	Instrument ID..: TRA	
Iron	ND	10.0	mg/kg	SW846 6010B	08/20-08/25/08	KVFH31AM
		Dilution Factor: 1				
		Analysis Time..: 17:45		Analyst ID.....: 022952	Instrument ID..: TRA	

(Continued on next page)

METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: C8H080154 **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Potassium	ND	500	mg/kg	SW846 6010B	08/20-08/25/08	KVFH31AN
		Dilution Factor: 1				
		Analysis Time..: 17:45		Analyst ID.....: 022952	Instrument ID..: TRA	
Magnesium	ND	500	mg/kg	SW846 6010B	08/20-08/25/08	KVFH31AP
		Dilution Factor: 1				
		Analysis Time..: 17:45		Analyst ID.....: 022952	Instrument ID..: TRA	
Manganese	**0.35 B**	**1.5**	**mg/kg**	**SW846 6010B**	**08/20-08/25/08**	**KVFH31AQ**
		Dilution Factor: 1				
		Analysis Time..: 17:45		Analyst ID.....: 022952	Instrument ID..: TRA	
Sodium	ND	500	mg/kg	SW846 6010B	08/20-08/25/08	KVFH31AR
		Dilution Factor: 1				
		Analysis Time..: 17:45		Analyst ID.....: 022952	Instrument ID..: TRA	
Nickel	ND	4.0	mg/kg	SW846 6010B	08/20-08/25/08	KVFH31AT
		Dilution Factor: 1				
		Analysis Time..: 17:45		Analyst ID.....: 022952	Instrument ID..: TRA	
Lead	ND	0.30	mg/kg	SW846 6010B	08/20-08/25/08	KVFH31AU
		Dilution Factor: 1				
		Analysis Time..: 17:45		Analyst ID.....: 022952	Instrument ID..: TRA	
Selenium	ND	0.50	mg/kg	SW846 6010B	08/20-08/25/08	KVFH31AV
		Dilution Factor: 1				
		Analysis Time..: 17:45		Analyst ID.....: 022952	Instrument ID..: TRA	
Thallium	ND	1.0	mg/kg	SW846 6010B	08/20-08/25/08	KVFH31AW
		Dilution Factor: 1				
		Analysis Time..: 17:45		Analyst ID.....: 022952	Instrument ID..: TRA	
Antimony	ND	1.0	mg/kg	SW846 6010B	08/20-08/25/08	KVFH31AX
		Dilution Factor: 1				
		Analysis Time..: 17:45		Analyst ID.....: 022952	Instrument ID..: TRA	
Vanadium	ND	5.0	mg/kg	SW846 6010B	08/20-08/25/08	KVFH31A0
		Dilution Factor: 1				
		Analysis Time..: 17:45		Analyst ID.....: 022952	Instrument ID..: TRA	
Zinc	ND	2.0	mg/kg	SW846 6010B	08/20-08/25/08	KVFH31A1
		Dilution Factor: 1				
		Analysis Time..: 17:45		Analyst ID.....: 022952	Instrument ID..: TRA	

NOTE(S):

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

B Estimated result. Result is less than RL.

TestAmerica Pittsburgh

Metals Data Reporting Form

Initial Calibration Blank Results

Instrument: ICPST **Units:** ug/L

Chart Number: T80825E.ARC

Standard Source: _____ **Standard ID:** _____

Element	WL/ Mass	Report Limit	ICB1 8/25/2008 5:23 PM Found	Q	Found	Q	Found	Q	Found	Q	Found	Q
Aluminum	308.215	200	14.2	U								
Antimony	220.353	10	0.9	U								
Arsenic	189.042	10	2.3	U								
Barium	493.409	200	**0.6**	**B**								
Beryllium	313.042	4	**0.5**	**B**								
Cadmium	226.502	5	0.5	U								
Calcium	317.933	6000	251.0	U								
Chromium	267.716	5	0.8	U								
Cobalt	228.616	50	**0.6**	**B**								
Copper	324.753	25	1.4	U								
Iron	271.441	100	30.0	U								
Lead	220.353	3	1.6	U								
Magnesium	279.078	5000	13.1	U								
Manganese	257.61	15	**0.4**	**B**								
Nickel	231.604	40	**-1.7**	**B**								
Potassium	766.491	5000	500.0	U								
Selenium	220.353	5	2.9	U								
Silver	328.068	200	**0.5**	**B**								
Sodium	330.232	5000	**-380.0**	**B**								
Thallium	190.864	10	3.2	U								
Vanadium	292.402	50	2.6	U								
Zinc	213.856	20	3.5	U								

U Result is less than the MDL
B Result is between MDL and RL

Form 3 Equivalent

TestAmerica Pittsburgh

Metals Data Reporting Form

Continuing Calibration Blank Result

Instrument: ICPST **Units:** ug/L

Chart Number: T80825E.ARC

Standard Source: _____ **Standard ID:** _____

Element	WL/ Mass	Report Limit	CCB1 8/25/2008 6:29 PM Found	Q	CCB2 8/25/2008 7:38 PM Found	Q	Found	Q	Found	Q	Found	Q
Aluminum	308.215	200	**-16.0**	**B**	**-17.0**	**B**						
Antimony	220.353	10	**1.4**	**B**	0.9	U						
Arsenic	189.042	10	2.3	U	2.3	U						
Barium	493.409	200	0.4	U	0.4	U						
Beryllium	313.042	4	0.3	U	**0.6**	**B**						
Cadmium	226.502	5	0.5	U	0.5	U						
Calcium	317.933	6000	251.0	U	251.0	U						
Chromium	267.716	5	**-1.1**	**B**	0.8	U						
Cobalt	228.616	50	0.4	U	0.4	U						
Copper	324.753	25	1.4	U	1.4	U						
Iron	271.441	100	30.0	U	30.0	U						
Lead	220.353	3	1.6	U	**1.7**	**B**						
Magnesium	279.078	5000	**-20.0**	**B**	**-14.0**	**B**						
Manganese	257.61	15	0.3	U	0.3	U						
Nickel	231.604	40	**-2.8**	**B**	**-1.6**	**B**						
Potassium	766.491	5000	500.0	U	500.0	U						
Selenium	220.353	5	2.9	U	2.9	U						
Silver	328.068	200	**-0.6**	**B**	0.4	U						
Sodium	330.232	5000	**-470.0**	**B**	**-540.0**	**B**						
Thallium	190.864	10	3.2	U	3.2	U						
Vanadium	292.402	50	2.6	U	2.6	U						
Zinc	213.856	20	3.5	U	3.5	U						

U Result is less than the MDL
B Result is between MDL and RL

Form 3 Equivalent

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: C8H080154 **Matrix.....:** SO
Date Sampled...: 07/31/08 **Date Received..:** 08/07/08

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: C8H080154-001 **Prep Batch #...:** 8225044									
Mercury									
	0.0091	0.190	0.210	mg/kg	106		SW846 7471A	08/12/08	KTTRF1A9
	0.0091	0.190	0.210	mg/kg	106	0.0	SW846 7471A	08/12/08	KTTRF1CA
			Dilution Factor: 1						
			Analysis Time..: 11:46		Instrument ID..: HGHYDRA		Analyst ID.....: 401509		
			MS Run #.....: 8225025						
MS Lot-Sample #: C8H080154-001 **Prep Batch #...:** 8233156									
Silver									
	0.11	5.69	5.53	mg/kg	95		SW846 6010B	08/20-08/25/08	KTTRF1CE
	0.11	5.69	5.61	mg/kg	97	1.4	SW846 6010B	08/20-08/25/08	KTTRF1CF
			Dilution Factor: 1						
			Analysis Time..: 18:35		Instrument ID..: TRACEICP		Analyst ID.....: 022952		
			MS Run #.....: 8233113						
Aluminum									
	3380	227	6220 NC	mg/kg			SW846 6010B	08/20-08/25/08	KTTRF1CG
	3380	227	5220 NC	mg/kg			SW846 6010B	08/20-08/25/08	KTTRF1CH
			Dilution Factor: 1						
			Analysis Time..: 18:35		Instrument ID..: TRACEICP		Analyst ID.....: 022952		
			MS Run #.....: 8233113						
Arsenic									
	6.3	227	212	mg/kg	90		SW846 6010B	08/20-08/25/08	KTTRF1CJ
	6.3	227	211	mg/kg	90	0.37	SW846 6010B	08/20-08/25/08	KTTRF1CK
			Dilution Factor: 1						
			Analysis Time..: 18:35		Instrument ID..: TRACEICP		Analyst ID.....: 022952		
			MS Run #.....: 8233113						
Barium									
	34.5	227	275	mg/kg	106		SW846 6010B	08/20-08/25/08	KTTRF1CL
	34.5	227	254	mg/kg	96	7.9	SW846 6010B	08/20-08/25/08	KTTRF1CM
			Dilution Factor: 1						
			Analysis Time..: 18:35		Instrument ID..: TRACEICP		Analyst ID.....: 022952		
			MS Run #.....: 8233113						
Beryllium									
	0.28	5.69	5.42	mg/kg	90		SW846 6010B	08/20-08/25/08	KTTRF1CN
	0.28	5.69	5.44	mg/kg	91	0.29	SW846 6010B	08/20-08/25/08	KTTRF1CP
			Dilution Factor: 1						
			Analysis Time..: 18:35		Instrument ID..: TRACEICP		Analyst ID.....: 022952		
			MS Run #.....: 8233113						

(Continued on next page)

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: C8H080154 **Matrix.....:** SO
Date Sampled...: 07/31/08 **Date Received..:** 08/07/08

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Calcium									
	61200	5690	51400	mg/kg			SW846 6010B	08/20-08/25/08	KTTRF1CQ
			Qualifiers: NC						
	61200	5690	87100	mg/kg			SW846 6010B	08/20-08/26/08	KTTRF1CR
			Qualifiers: NC						
			Dilution Factor: 1						
			Analysis Time..: 18:35		Instrument ID..: TRACEICP		Analyst ID.....: 022952		
			MS Run #.....: 8233113						
Cadmium									
	0.065	5.69	4.91	mg/kg	85		SW846 6010B	08/20-08/25/08	KTTRF1CT
	0.065	5.69	4.87	mg/kg	84	0.86	SW846 6010B	08/20-08/25/08	KTTRF1CU
			Dilution Factor: 1						
			Analysis Time..: 18:35		Instrument ID..: TRACEICP		Analyst ID.....: 022952		
			MS Run #.....: 8233113						
Cobalt									
	3.1	56.9	52.9	mg/kg	87		SW846 6010B	08/20-08/25/08	KTTRF1CV
	3.1	56.9	52.4	mg/kg	87	0.92	SW846 6010B	08/20-08/25/08	KTTRF1CW
			Dilution Factor: 1						
			Analysis Time..: 18:35		Instrument ID..: TRACEICP		Analyst ID.....: 022952		
			MS Run #.....: 8233113						
Chromium									
	7.3	22.7	29.9	mg/kg	99		SW846 6010B	08/20-08/25/08	KTTRF1CX
	7.3	22.7	28.1	mg/kg	92	6.1	SW846 6010B	08/20-08/25/08	KTTRF1C0
			Dilution Factor: 1						
			Analysis Time..: 18:35		Instrument ID..: TRACEICP		Analyst ID.....: 022952		
			MS Run #.....: 8233113						
Copper									
	8.2	28.4	40.7	mg/kg	114		SW846 6010B	08/20-08/25/08	KTTRF1C1
	8.2	28.4	38.9	mg/kg	108	4.4	SW846 6010B	08/20-08/25/08	KTTRF1C2
			Dilution Factor: 1						
			Analysis Time..: 18:35		Instrument ID..: TRACEICP		Analyst ID.....: 022952		
			MS Run #.....: 8233113						
Iron									
	9780	114	14100	mg/kg			SW846 6010B	08/20-08/25/08	KTTRF1C3
			Qualifiers: NC						
	9780	114	11100	mg/kg			SW846 6010B	08/20-08/25/08	KTTRF1C4
			Qualifiers: NC						
			Dilution Factor: 1						
			Analysis Time..: 18:35		Instrument ID..: TRACEICP		Analyst ID.....: 022952		
			MS Run #.....: 8233113						

(Continued on next page)

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: C8H080154 **Matrix.....:** SO
Date Sampled...: 07/31/08 **Date Received..:** 08/07/08

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Potassium									
	512	5690	6030	mg/kg	97		SW846 6010B	08/20-08/25/08	KTTRF1C5
	512	5690	5920	mg/kg	95	1.8	SW846 6010B	08/20-08/25/08	KTTRF1C6
			Dilution Factor: 1						
			Analysis Time..: 18:35		Instrument ID..: TRACEICP		Analyst ID.....: 022952		
			MS Run #.....: 8233113						
Magnesium									
	4120	5690	9820	mg/kg	100		SW846 6010B	08/20-08/25/08	KTTRF1C7
	4120	5690	9740	mg/kg	99	0.86	SW846 6010B	08/20-08/25/08	KTTRF1C8
			Dilution Factor: 1						
			Analysis Time..: 18:35		Instrument ID..: TRACEICP		Analyst ID.....: 022952		
			MS Run #.....: 8233113						
Manganese									
	344	56.9	659 NC	mg/kg			SW846 6010B	08/20-08/25/08	KTTRF1C9
	344	56.9	481 NC	mg/kg			SW846 6010B	08/20-08/25/08	KTTRF1DA
			Dilution Factor: 1						
			Analysis Time..: 18:35		Instrument ID..: TRACEICP		Analyst ID.....: 022952		
			MS Run #.....: 8233113						
Sodium									
	40.4	5690	5230	mg/kg	91		SW846 6010B	08/20-08/25/08	KTTRF1DC
	40.4	5690	5290	mg/kg	92	1.2	SW846 6010B	08/20-08/25/08	KTTRF1DD
			Dilution Factor: 1						
			Analysis Time..: 18:35		Instrument ID..: TRACEICP		Analyst ID.....: 022952		
			MS Run #.....: 8233113						
Nickel									
	8.7	56.9	59.0	mg/kg	88		SW846 6010B	08/20-08/25/08	KTTRF1DE
	8.7	56.9	57.3	mg/kg	85	3.0	SW846 6010B	08/20-08/25/08	KTTRF1DF
			Dilution Factor: 1						
			Analysis Time..: 18:35		Instrument ID..: TRACEICP		Analyst ID.....: 022952		
			MS Run #.....: 8233113						
Lead									
	3.6	56.9	53.7	mg/kg	88		SW846 6010B	08/20-08/25/08	KTTRF1DG
	3.6	56.9	52.6	mg/kg	86	2.0	SW846 6010B	08/20-08/25/08	KTTRF1DH
			Dilution Factor: 1						
			Analysis Time..: 18:35		Instrument ID..: TRACEICP		Analyst ID.....: 022952		
			MS Run #.....: 8233113						

(Continued on next page)

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: C8H080154 **Matrix.....:** SO
Date Sampled...: 07/31/08 **Date Received..:** 08/07/08

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Selenium									
	ND	227	198	mg/kg	87		SW846 6010B	08/20-08/25/08	KTTRF1DJ
	ND	227	200	mg/kg	88	0.87	SW846 6010B	08/20-08/25/08	KTTRF1DK
			Dilution Factor: 1						
			Analysis Time..: 18:35		Instrument ID..: TRACEICP		Analyst ID.....: 022952		
			MS Run #.....: 8233113						
Thallium									
	ND	227	196	mg/kg	86		SW846 6010B	08/20-08/25/08	KTTRF1DL
	ND	227	196	mg/kg	86	0.30	SW846 6010B	08/20-08/25/08	KTTRF1DM
			Dilution Factor: 1						
			Analysis Time..: 18:35		Instrument ID..: TRACEICP		Analyst ID.....: 022952		
			MS Run #.....: 8233113						
Antimony									
	ND	56.9	45.9	mg/kg	81		SW846 6010B	08/20-08/25/08	KTTRF1DN
	ND	56.9	47.5	mg/kg	84	3.5	SW846 6010B	08/20-08/25/08	KTTRF1DP
			Dilution Factor: 1						
			Analysis Time..: 18:35		Instrument ID..: TRACEICP		Analyst ID.....: 022952		
			MS Run #.....: 8233113						
Vanadium									
	9.8	56.9	66.2	mg/kg	99		SW846 6010B	08/20-08/25/08	KTTRF1DQ
	9.8	56.9	64.2	mg/kg	96	3.0	SW846 6010B	08/20-08/25/08	KTTRF1DR
			Dilution Factor: 1						
			Analysis Time..: 18:35		Instrument ID..: TRACEICP		Analyst ID.....: 022952		
			MS Run #.....: 8233113						
Zinc									
	27.9	56.9	88.2	mg/kg	106		SW846 6010B	08/20-08/25/08	KTTRF1DT
	27.9	56.9	80.4	mg/kg	92	9.2	SW846 6010B	08/20-08/25/08	KTTRF1DU
			Dilution Factor: 1						
			Analysis Time..: 18:35		Instrument ID..: TRACEICP		Analyst ID.....: 022952		
			MS Run #.....: 8233113						

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.

TestAmerica Pittsburgh

Metals Data Reporting Form

Contract Required Detection Limit Standard

Instrument: ICPST **Units:** ug/L

Chart Number: T80825E.ARC **Acceptable Range:** 50% - 150%

Standard Source: Inorganic Ventures **Standard ID:** MET3443-08

Element	WL/ Mass	True Conc	CRA/RLV 8/25/2008 5:29 PM Found	% Rec	Found	% Rec	Found	% Rec	Found	% Rec	Found	% Rec
Aluminum	308.215	200.0	179.83	**89.9**								
Antimony	220.353	10.0	10.40	**104.0**								
Arsenic	189.042	10.0	10.12	**101.2**								
Barium	493.409	200.0	201.32	**100.7**								
Beryllium	313.042	4.0	3.97	**99.3**								
Cadmium	226.502	5.0	5.02	**100.4**								
Calcium	317.933	5000.0	5003.01	**100.1**								
Chromium	267.716	5.0	4.69	**93.8**								
Cobalt	228.616	50.0	49.54	**99.1**								
Copper	324.753	25.0	24.63	**98.5**								
Iron	271.441	100.0	66.34	**66.3**								
Lead	220.353	3.0	3.36	**112.0**								
Magnesium	279.078	5000.0	4822.91	**96.5**								
Manganese	257.61	15.0	14.87	**99.1**								
Nickel	231.604	40.0	37.99	**95.0**								
Potassium	766.491	5000.0	4381.73	**87.6**								
Selenium	220.353	5.0	3.09	**61.8**								
Silver	328.068	5.0	5.23	**104.6**								
Sodium	330.232	5000.0	4761.17	**95.2**								
Thallium	190.864	10.0	10.14	**101.4**								
Vanadium	292.402	50.0	50.94	**101.9**								
Zinc	213.856	20.0	21.80	**109.0**								

Method: METTRACE Sample Name: CRA/RLV MET3443-08 Operator: RJG
Run Time: 08/25/08 17:29:07
Comment: TESTAMERICA PITTSBURGH ICP METALS ANALYSIS-INST TRACEICP
Mode: CONC Corr. Factor: 1

Elem	AG	AL	AS	B_	BA	BE	CA
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00523	.17983	.01012	.20060	.20133	.00397	5.0030
SDev	.00053	.00338	.00049	.00081	.00044	.00003	.0105
%RSD	10.236	1.8815	4.8383	.40601	.21881	.87796	.20944
#1	.00463	.18217	.01067	.20108	.20158	.00395	5.0058
#2	.00541	.18138	.00974	.19966	.20082	.00396	4.9914
#3	.00565	.17595	.00995	.20105	.20159	.00401	5.0118
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00750	.30000	.01500	.30000	.30000	.00600	7.5000
Low	.00250	.10000	.00500	.10000	.10000	.00200	2.5000

Elem	CD	CO	CR	CU	FE	K_	MG
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00502	.04954	.00470	.02464	.06635	4.3817	4.8229
SDev	.00012	.00034	.00015	.00035	.00718	.0041	.0116
%RSD	2.4529	.68532	3.0934	1.4067	10.822	.09413	.24138
#1	.00502	.04962	.00454	.02426	.06246	4.3777	4.8171
#2	.00515	.04983	.00472	.02494	.07463	4.3860	4.8153
#3	.00490	.04917	.00483	.02472	.06195	4.3815	4.8363
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00750	.07500	.00750	.03750	.15000	7.5000	7.5000
Low	.00250	.02500	.00250	.01250	.05000	2.5000	2.5000

Elem	MN	MO	NA	NI	PB/1	PB/2	PB
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01488	.04165	4.7612	.03800	.00255	.00376	.00336
SDev	.00010	.00069	.0570	.00056	.00358	.00201	.00074
%RSD	.64787	1.6629	1.1965	1.4708	140.23	53.486	21.984
#1	.01477	.04103	4.8082	.03741	-.00083	.00609	.00378
#2	.01494	.04152	4.7775	.03806	.00218	.00267	.00251
#3	.01493	.04240	4.6978	.03853	.00630	.00254	.00379
Errors	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass
High	.02250	.06000	7.5000	.06000			.00450
Low	.00750	.02000	2.5000	.02000			.00150

Elem	SB/1	SB/2	SB	SE/1	SE/2	SE	SI
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00924	.01099	.01040	.00514	.00208	.00310	.50354
SDev	.00352	.00176	.00010	.00461	.00246	.00071	.00107
%RSD	38.101	16.023	.98574	89.677	118.21	22.831	.21211
#1	.01190	.00953	.01032	-.00018	.00463	.00303	.50320
#2	.01057	.01049	.01052	.00779	.00187	.00384	.50268

#3	.00525	.01294	.01038	.00783	-.00027	L.00243	.50473
Errors	NOCHECK	NOCHECK	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass

ENSR, Schenectady RI

Cyanide, Total

Lab Name:	TESTAMERICA PITTSBURGH	**Method:**	SW846 9012A
Client Name:	ENSR International	**Report ID:**	C8H080154
Matrix:	SOLID	**Date/Time Received:**	8/7/2008 9:15:00AM

Client Sample ID	Sample Number	Workorder	Result	Units	Reporting Limit	Prep Date-Analysis Date/Time	QC Batch	RPD / Limit (%)
BLK - C8H120000208B	208 MB	KT1C41AA	0.27 B	mg/kg	0.50	8/12/2008 - 8/12/2008 14:27	8225208	

B Estimated result. Result is less than RL

CASE NARRATIVE

ENSR
Schenectady RI

Lot # C8I060176

Sample Receiving:
One sample was received at TestAmerica's Pittsburgh laboratory on September 5, 2008. The cooler was received within the proper temperature range.

If project specific QC was not required for samples contained in this report and batch QC was completed on these samples, anomalous results will be discussed below.

GC/MS Volatiles:
Due to the concentration of target compounds detected, sample SB51(23.5-25.5) was analyzed as medium level, methanol dilution.

GC/MS Semivolatiles:
There were no problems associated with the analysis.

Metals:
The method blank had analytes detected at concentrations between the MDL and the reporting limit. The results were flagged with a "B" qualifier. Any sample associated with a method blank that had the same analyte detected had the result flagged with a "J" qualifier.

General Chemistry:
There were no problems associated with the analysis.

C8I060176

Chain of Custody Record

№ 0756

The RETEC Group, Inc.
1001 W. Seneca Street, Suite 204 • Ithaca, NY 14850-3342
(607) 277-5716 Phone • (607) 277-9057 Fax
www.retec.com

RETEC

Project Name: SCHENECTADY RT	Project Number: 04980-011-200
Send Report To: JAMES EDWARDS	Sampler (Print Name): SCOTT HARRIGAN
Address: 1001 W. SENECA ST.	Sampler (Print Name):
SUITE 204	Shipment Method: FEDEX
ITHACA, NY 14850	Airbill Number:
Phone: 607-277-5716	Laboratory Receiving:
Fax:	

Page 1 of 1

Purchase Order #: _____

Field Sample ID	Sample Date	Sample Time	Sample Matrix	Number of Containers	Analysis Requested: VOC (8260B)	SVOC (8270C)	TAL METALS (6010B/7471A)	TOTAL CYANIDE (9012A)	Comments, Special Instructions, etc.	Lab Sample ID (to be completed by lab)
SB51 (23.5-25.5)	9/4/08	1220	SOIL	2	X	X	X	X		

Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
	Tim Ul 9/6/08 1000	9/5/08	1700 - FEDEX
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:

Sample Custodian Remarks (Completed By Laboratory):

QA/QC Level		Turnaround	
Level I	☐	Routine	☒
Level II	☐	24 Hour	☐
Level III	☐	1 Week	☐
Other	☐	Other ____	

Sample Receipt	
Total # Containers Received?	
COC Seals Present?	
COC Seals Intact?	
Received Containers Intact?	
Temperature?	

White: Lab Copy Yellow: PM Copy Pink: Field Copy Gold: PM/QA/QC Copy

Cooler Receipt Form
TestAmerica Pittsburgh

Client: RETEC Project: Schenectady RI Quote: _____

Cooler Rec'd & Opened for Temp. Check on: 9/6/08

Coolers Opened and Unpacked on: 9/6/08 By: _____
(Signature)

TestAmerica Pittsburgh Lot Number: _____

		Yes	No	NA
1.	Were custody seals on the outside of the cooler?	✓		
	If YES, how many and where? Quantity 1 Location Front			
	Were signatures and date correct?	✓		
2.	Were custody papers included inside the cooler?	✓		
3.	Were custody papers properly filled out (ink, signed, match labels)?	✓		
4.	Did you sign the custody papers in the appropriate place?	✓		
5.	Was shippers packing slip attached to this form?	✓		
6.	Were packing materials used?	✓		
	If YES, what type? Bubble Wrap			
7.	Were the samples received within the acceptable temperature range?	✓		
8.	Were the samples appropriately preserved?			✓
9.	Were all bottles sealed in separate plastic bags?		✓	
10.	Did all bottles arrive in good condition (unbroken)?	✓		
11.	Were all bottle labels complete (sample ID, preservatives, etc.)?	✓		
12.	Did all bottle labels and/or tags agree with custody papers?	✓		
13.	Were correct bottles used for tests indicated?	✓		
14.	Were all VOA vials checked for the presence of air bubbles?			✓
15.	Was a sufficient amount of sample sent in each bottle?	✓		

16. Samples received by: (FEDEX) UPS CLIENT DROP-OFF OTHER DHL US CARGO

Explain any discrepancies: _____

Level 2 Review _____

Was contacted on _____ by _____ to resolve discrepancies.

Cooler Receipt Form

TestAmerica Pittsburgh

P: Preserved
UP: Unpreserved

Sample ID	TMET PH<2	DMET PH<2	HG PH<2	NUT(1) PH<2	CN PH ≥12	OG TPHC PH<2	PHEN PH<2	SULF PH ≥12	TOC PH<2	TOX PH<2	VOA P/UP	hrdnss PH<2			

(1) "NUT" could include sample bottles for ammonia, chemical oxygen demand, nitrate/nitrite, TKN, or total phosphorus

Comments: _____

Cooler Number	Temperature*	Thermometer ID
1	2.6	5

*Acceptable Temperature Range: 4°C ± 2°C

Sample	Lot Number**

**Please use an asterisk if bottle lot number was covered by the label

If samples required preservation in the laboratory, the following lot number(s) was/were used:

Nitric Acid _____ Hydrochloric Acid _____

Sulfuric Acid _____ Sodium Hydroxide _____

TestAmerica Pittsburgh

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: hp5.i
Lab File ID: CC50912.D
Analysis Type: SOIL
Lab Sample ID: vstd40
Method: \\pitsvr06\d\chem\hp5.i\5091208d.b\med500.m

Injection Date: 12-SEP-2008 07:32
Init. Cal. Date(s): 03-JUL-2008 05-AUG-2008
Init. Cal. Times: 08:29 13:10
Quant Type: ISTD

COMPOUND	RRF / AMOUNT	RF40	CCAL RRF40	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE	
$ 39 Dibromofluoromethane	0.21877	0.22318	0.22318	0.010	-2.01942	25.00000	Averaged	
$ 43 1,2-Dichloroethane-d4	0.30609	0.32381	0.32381	0.010	-5.78643	25.00000	Averaged	
$ 59 Toluene-d8	4.05856	4.22235	4.22235	0.010	-4.03580	25.00000	Averaged	
$ 80 Bromofluorobenzene	1.65018	1.68041	1.68041	0.010	-1.83145	25.00000	Averaged	
1 Dichlorodifluoromethane	0.22755	0.26327	0.26327	0.010	-15.69465	25.00000	Averaged	
2 Chloromethane	0.32370	0.30998	0.30998	0.100	4.23777	25.00000	Averaged	
3 Vinyl Chloride	0.30506	0.28966	0.28966	0.010	5.04757	20.00000	Averaged	
4 Bromomethane	0.10045	0.10138	0.10138	0.010	-0.92507	25.00000	Averaged	
5 Chloroethane	0.08831	0.09826	0.09826	0.010	-11.27537	25.00000	Averaged	
6 Trichlorofluoromethane	200	216	0.34940	0.010	-7.89558	0.000e+000	Quadratic	
10 1,1,2-trichloro-1,2,2-trifl	0.24863	0.23448	0.23448	0.010	5.69234	25.00000	Averaged	
12 1,1-Dichloroethene	0.22475	0.23446	0.23446	0.010	-4.32062	20.00000	Averaged	
15 Carbon Disulfide	0.76670	0.76176	0.76176	0.010	0.64450	25.00000	Averaged	
13 Acetone	200	236	0.09469	0.010	-18.12566	0.000e+000	Quadratic	
18 Methylene Chloride	0.26382	0.25247	0.25247	0.010	4.30337	25.00000	Averaged	
19 trans-1,2-Dichloroethene	0.26083	0.25970	0.25970	0.010	0.43211	25.00000	Averaged	
20 Methyl tert-butyl ether	0.73544	0.75826	0.75826	0.010	-3.10272	25.00000	Averaged	
24 1,1-Dichloroethane	0.48357	0.49753	0.49753	0.100	-2.88584	25.00000	Averaged	
27 2,2-Dichloropropane	0.35463	0.36382	0.36382	0.010	-2.59099	25.00000	Averaged	
28 cis-1,2-dichloroethene	0.27628	0.27994	0.27994	0.010	-1.32445	25.00000	Averaged	
M 29 1,2-Dichloroethene (total)	0.26855	0.26982	0.26982	0.010	-0.47143	25.00000	Averaged	
30 Bromochloromethane	0.11858	0.11982	0.11982	0.010	-1.05136	25.00000	Averaged	
31 2-Butanone	0.11905	0.12537	0.12537	0.010	-5.30992	25.00000	Averaged	
37 Chloroform	0.44524	0.46249	0.46249	0.010	-3.87355	20.00000	Averaged	
38 1,1,1-Trichloroethane	0.37857	0.42090	0.42090	0.010	-11.16071	25.00000	Averaged	
40 1,1-Dichloropropene	0.38235	0.39475	0.39475	0.010	-3.24275	25.00000	Averaged	
41 Carbon Tetrachloride	0.26745	0.33969	0.33969	0.010	-27.01223	25.00000	Averaged	<-
42 Benzene	1.08208	1.06799	1.06799	0.010	1.30233	25.00000	Averaged	
45 1,2-Dichloroethane	0.39823	0.41110	0.41110	0.010	-3.23075	25.00000	Averaged	
47 Trichloroethene	0.26354	0.26627	0.26627	0.010	-1.03880	25.00000	Averaged	
49 1,2-Dichloropropane	0.26979	0.27575	0.27575	0.010	-2.20668	20.00000	Averaged	
50 Dibromomethane	0.13988	0.14234	0.14234	0.010	-1.75950	25.00000	Averaged	
53 Bromodichloromethane	0.29703	0.32635	0.32635	0.010	-9.86884	25.00000	Averaged	
57 cis-1,3-Dichloropropene	0.38942	0.40457	0.40457	0.010	-3.89164	25.00000	Averaged	
58 4-Methyl-2-Pentanone	1.02810	1.12007	1.12007	0.010	-8.94598	25.00000	Averaged	
60 Toluene	5.05448	5.17867	5.17867	0.010	-2.45704	20.00000	Averaged	
61 trans-1,3-Dichloropropene	1.52729	1.61943	1.61943	0.010	-6.03295	25.00000	Averaged	
63 1,3-Dichloropropane	1.64155	1.73771	1.73771	0.010	-5.85771	25.00000	Averaged	
64 1,1,2-Trichloroethane	0.85549	0.89475	0.89475	0.010	-4.58857	25.00000	Averaged	
65 Tetrachloroethene	0.92707	1.00150	1.00150	0.010	-8.02859	25.00000	Averaged	
66 2-Hexanone	0.70312	0.77245	0.77245	0.010	-9.86102	25.00000	Averaged	
67 Dibromochloromethane	0.72170	0.86938	0.86938	0.010	-20.46185	25.00000	Averaged	
68 1,2-Dibromoethane	0.84635	0.88686	0.88686	0.010	-4.78634	25.00000	Averaged	

TestAmerica Pittsburgh

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: hp5.i
Lab File ID: CC50912.D
Analysis Type: SOIL
Lab Sample ID: vstd40
Method: \\pitsvr06\d\chem\hp5.i\5091208d.b\med500.m

Injection Date: 12-SEP-2008 07:32
Init. Cal. Date(s): 03-JUL-2008 05-AUG-2008
Init. Cal. Times: 08:29 13:10
Quant Type: ISTD

COMPOUND	RRF / AMOUNT	RF40	CCAL RRF40	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE
70 Chlorobenzene	3.19259	3.20272	3.20272	0.300	-0.31722	25.00000	Averaged
71 1,1,1,2-Tetrachloroethane	0.83434	1.00787	1.00787	0.010	-20.79735	25.00000	Averaged
72 Ethylbenzene	1.76368	1.83363	1.83363	0.010	-3.96646	20.00000	Averaged
73 m + p-Xylene	2.17822	2.24524	2.24524	0.010	-3.07705	25.00000	Averaged
74 Xylene-o	2.09492	2.15182	2.15182	0.010	-2.71566	25.00000	Averaged
M 75 Xylenes (total)	2.15045	2.21410	2.21410	0.010	-2.95970	25.00000	Averaged
76 Styrene	3.65150	3.63863	3.63863	0.010	0.35268	25.00000	Averaged
77 Bromoform	200	266	0.50696	0.100	-33.04278	0.000e+000	Quadratic
78 Isopropylbenzene	5.81152	5.97097	5.97097	0.010	-2.74362	25.00000	Averaged
79 Bromobenzene	0.80466	0.76882	0.76882	0.010	4.45417	25.00000	Averaged
81 n-Propylbenzene	0.98446	0.93674	0.93674	0.010	4.84744	25.00000	Averaged
82 2-Chlorotoluene	0.78212	0.76894	0.76894	0.010	1.68532	25.00000	Averaged
83 1,1,2,2-Tetrachloroethane	0.63908	0.64586	0.64586	0.300	-1.06065	25.00000	Averaged
84 1,2,3-Trichloropropane	0.21710	0.19989	0.19989	0.010	7.92865	25.00000	Averaged
85 4-Chlorotoluene	0.85695	0.85236	0.85236	0.010	0.53536	25.00000	Averaged
86 1,3,5-Trimethylbenzene	2.94063	2.90856	2.90856	0.010	1.09074	25.00000	Averaged
87 tert-Butylbenzene	2.65580	2.55817	2.55817	0.010	3.67581	25.00000	Averaged
88 1,2,4-Trimethylbenzene	2.97577	2.94044	2.94044	0.010	1.18709	25.00000	Averaged
89 sec-Butylbenzene	3.95278	3.86915	3.86915	0.010	2.11564	25.00000	Averaged
90 4-Isopropyltoluene	3.36130	3.13546	3.13546	0.010	6.71890	25.00000	Averaged
91 1,3-Dichlorobenzene	1.60646	1.58192	1.58192	0.010	1.52763	25.00000	Averaged
93 1,4-Dichlorobenzene	1.66439	1.62947	1.62947	0.010	2.09808	25.00000	Averaged
94 n-Butylbenzene	3.30999	3.12383	3.12383	0.010	5.62396	25.00000	Averaged
95 1,2-Dichlorobenzene	1.51881	1.48889	1.48889	0.010	1.97044	25.00000	Averaged
96 1,2-Dibromo-3-chloropropane	0.10695	0.10601	0.10601	0.010	0.88533	25.00000	Averaged
97 1,2,4-Trichlorobenzene	1.12608	1.00858	1.00858	0.010	10.43493	25.00000	Averaged
98 Hexachlorobutadiene	0.65534	0.62018	0.62018	0.010	5.36508	25.00000	Averaged
99 Naphthalene	2.17611	1.83688	1.83688	0.010	15.58871	25.00000	Averaged
100 1,2,3-Trichlorobenzene	0.94725	0.78636	0.78636	0.010	16.98548	25.00000	Averaged
155 Methyl Acetate	0.20165	0.19572	0.19572	0.010	2.94060	25.00000	Averaged
156 Cyclohexane	0.59959	0.57391	0.57391	0.010	4.28390	25.00000	Averaged
157 Methyl Cyclohexane	0.54277	0.51470	0.51470	0.010	5.17260	25.00000	Averaged
161 1,3,5-Trichlorobenzene	1.27641	1.28034	1.28034	0.010	-0.30728	50.00000	Averaged

TestAmerica Pittsburgh

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: 733.i
Lab File ID: N09110CC.D
Analysis Type:
Lab Sample ID: sstd4:0
Method: \\PITSVR06\D\chem\733.i\N091108.b\827011.m

Injection Date: 11-SEP-2008 00:51
Init. Cal. Date(s): 28-AUG-2008 28-AUG-2008
Init. Cal. Times: 21:46 23:45
Quant Type: ISTD

COMPOUND	RRF / AMOUNT	RF4	CCAL RRF4	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE
198 1,4-Dioxane	0.43743	0.38038	0.38038	0.010	13.04380	25.00000	Averaged
10 N-Nitrosodimethylamine	0.54109	0.53436	0.53436	0.010	1.24278	25.00000	Averaged
9 Pyridine	1.14164	1.07483	1.07483	0.010	5.85163	25.00000	Averaged
16 Methyl methanesulfonate	0.69937	0.66257	0.66257	0.010	5.26095	25.00000	Averaged
206 Benzaldehyde	4.00000	2.53603	0.50213	0.010	36.59924	0.000e+000	Quadratic
21 Aniline	2.00336	1.81638	1.81638	0.010	9.33369	25.00000	Averaged
22 Phenol	1.76553	1.63435	1.63435	0.010	7.43004	20.00000	Averaged
23 bis(2-Chloroethyl)ether	1.15910	1.06323	1.06323	0.010	8.27126	25.00000	Averaged
24 2-Chlorophenol	1.35816	1.33679	1.33679	0.010	1.57302	25.00000	Averaged
26 1,3-Dichlorobenzene	1.63913	1.54680	1.54680	0.010	5.63294	25.00000	Averaged
27 1,4-Dichlorobenzene	1.66536	1.48197	1.48197	0.010	11.01181	20.00000	Averaged
28 1,2-Dichlorobenzene	1.56211	1.45734	1.45734	0.010	6.70704	25.00000	Averaged
29 Benzyl Alcohol	0.82831	0.78556	0.78556	0.010	5.16025	25.00000	Averaged
30 2-Methylphenol	1.16339	1.11859	1.11859	0.010	3.85142	25.00000	Averaged
31 2,2'-oxybis(1-Chloropropane	1.55651	1.53989	1.53989	0.010	1.06749	25.00000	Averaged
37 Acetophenone	1.76311	1.66013	1.66013	0.010	5.84053	25.00000	Averaged
32 N-Nitroso-di-n-propylamine	0.80978	0.81002	0.81002	0.050	-0.02916	50.00000	Averaged
192 4-Methylphenol	1.21667	1.18411	1.18411	0.010	2.67579	25.00000	Averaged
34 Hexachloroethane	0.66818	0.60868	0.60868	0.010	8.90446	25.00000	Averaged
35 Nitrobenzene	0.38963	0.35825	0.35825	0.010	8.05425	25.00000	Averaged
41 Isophorone	0.63652	0.63658	0.63658	0.010	-0.00941	25.00000	Averaged
42 2-Nitrophenol	0.19116	0.18835	0.18835	0.010	1.47075	20.00000	Averaged
43 2,4-Dimethylphenol	0.34721	0.34616	0.34616	0.010	0.30299	25.00000	Averaged
44 bis(2-Chloroethoxy)methane	0.38560	0.37905	0.37905	0.010	1.69879	25.00000	Averaged
48 2,4-Dichlorophenol	0.31959	0.32315	0.32315	0.010	-1.11494	20.00000	Averaged
49 Benzoic Acid	10.00000	10.17666	0.18132	0.010	-1.76656	0.000e+000	Quadratic
50 1,2,4-Trichlorobenzene	0.39222	0.35950	0.35950	0.010	8.34162	25.00000	Averaged
51 Naphthalene	1.07797	1.01203	1.01203	0.010	6.11708	25.00000	Averaged
52 4-Chloroaniline	0.42456	0.41409	0.41409	0.010	2.46684	25.00000	Averaged
54 2,6-Dichlorophenol	0.34998	0.32416	0.32416	0.010	7.37846	25.00000	Averaged
56 Hexachlorobutadiene	0.25541	0.23305	0.23305	0.010	8.75350	20.00000	Averaged
208 Caprolactam	0.07603	0.08997	0.08997	0.010	-18.32441	25.00000	Averaged
59 4-Chloro-3-Methylphenol	0.28904	0.29300	0.29300	0.010	-1.36941	20.00000	Averaged
62 2-Methylnaphthalene	0.67364	0.64961	0.64961	0.010	3.56720	25.00000	Averaged
63 1-Methylnaphthalene	0.65124	0.64645	0.64645	0.010	0.73539	25.00000	Averaged
64 Hexachlorocyclopentadiene	0.44053	0.33174	0.33174	0.050	24.69428	50.00000	Averaged
66 2,4,6-Trichlorophenol	0.42532	0.40255	0.40255	0.010	5.35339	20.00000	Averaged
67 2,4,5-Trichlorophenol	0.45406	0.43029	0.43029	0.010	5.23592	25.00000	Averaged
209 1,1'-Biphenyl	1.59539	1.45002	1.45002	0.010	9.11168	25.00000	Averaged
70 2-Chloronaphthalene	1.22148	1.11830	1.11830	0.010	8.44759	25.00000	Averaged
73 2-Nitroaniline	0.33927	0.33114	0.33114	0.010	2.39464	25.00000	Averaged
76 Dimethylphthalate	1.25249	1.23167	1.23167	0.010	1.66238	25.00000	Averaged

TestAmerica Pittsburgh

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: 733.i
Lab File ID: N09110CC.D
Analysis Type:
Lab Sample ID: sstd4.0
Method: \\PITSVR06\D\chem\733.i\N091108.b\8270ll.m

Injection Date: 11-SEP-2008 00:51
Init. Cal. Date(s): 28-AUG-2008 28-AUG-2008
Init. Cal. Times: 21:46 23:45
Quant Type: ISTD

COMPOUND	RRF / AMOUNT	RF4	CCAL RRF4	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE
78 2,6-Dinitrotoluene	0.25835	0.24983	0.24983	0.010	3.29898	25.00000	Averaged
79 Acenaphthylene	1.82795	1.65553	1.65553	0.010	9.43232	25.00000	Averaged
81 3-Nitroaniline	0.28323	0.27856	0.27856	0.010	1.64697	25.00000	Averaged
82 Acenaphthene	1.11961	1.02026	1.02026	0.010	8.87308	20.00000	Averaged
83 2,4-Dinitrophenol	10.00000	9.10772	0.14231	0.050	8.92281	0.000e+000	Quadratic
85 4-Nitrophenol	0.20169	0.21823	0.21823	0.050	-8.19991	50.00000	Averaged
86 Dibenzofuran	1.64860	1.54728	1.54728	0.010	6.14592	25.00000	Averaged
87 2,4-Dinitrotoluene	0.34544	0.36621	0.36621	0.010	-6.01427	25.00000	Averaged
91 2,3,5,6-Tetrachlorophenol	0.37543	0.34498	0.34498	0.010	8.10952	25.00000	Averaged
88 2,3,4,6-Tetrachlorophenol	0.36581	0.35701	0.35701	0.010	2.40564	25.00000	Averaged
92 2-Naphthylamine	4.00000	3.19273	0.71596	0.010	20.18181	0.000e+000	Quadratic
93 Diethylphthalate	1.20788	1.15112	1.15112	0.010	4.69945	25.00000	Averaged
94 Fluorene	1.29039	1.24262	1.24262	0.010	3.70163	25.00000	Averaged
95 4-Chlorophenyl-phenylether	0.69207	0.64875	0.64875	0.010	6.25874	25.00000	Averaged
96 4-Nitroaniline	0.28979	0.29663	0.29663	0.010	-2.35993	25.00000	Averaged
98 4,6-Dinitro-2-methylphenol	0.13568	0.13086	0.13086	0.010	3.54994	25.00000	Averaged
99 N-Nitrosodiphenylamine (1)	0.53665	0.50282	0.50282	0.010	6.30356	20.00000	Averaged
100 1,2-Diphenylhydrazine	0.81902	0.72157	0.72157	0.010	11.89901	25.00000	Averaged
106 4-Bromophenyl-phenylether	0.22848	0.20616	0.20616	0.010	9.76809	25.00000	Averaged
107 Hexachlorobenzene	0.21656	0.20369	0.20369	0.010	5.94492	25.00000	Averaged
210 Atrazine	0.19469	0.17550	0.17550	0.010	9.85846	25.00000	Averaged
111 Pentachlorophenol	0.14350	0.15189	0.15189	0.010	-5.84841	20.00000	Averaged
115 Phenanthrene	1.08222	1.02489	1.02489	0.010	5.29812	25.00000	Averaged
116 Anthracene	1.07275	1.00194	1.00194	0.010	6.60049	25.00000	Averaged
119 Carbazole	0.92644	0.91032	0.91032	0.010	1.74063	25.00000	Averaged
120 Di-n-Butylphthalate	1.14163	1.11274	1.11274	0.010	2.53036	25.00000	Averaged
123 Fluoranthene	1.13821	1.15269	1.15269	0.010	-1.27209	20.00000	Averaged
124 Benzidine	4.00000	3.38357	0.43753	0.010	15.41080	0.000e+000	Quadratic
125 Pyrene	1.38197	1.36650	1.36650	0.010	1.11925	25.00000	Averaged
131 Butylbenzylphthalate	0.55748	0.56220	0.56220	0.010	-0.84663	25.00000	Averaged
135 3,3'-Dichlorobenzidine	0.43336	0.39801	0.39801	0.010	8.15776	25.00000	Averaged
136 Benzo(a)Anthracene	1.28011	1.27666	1.27666	0.010	0.26927	25.00000	Averaged
137 Chrysene	1.21276	1.09153	1.09153	0.010	9.99630	25.00000	Averaged
139 bis(2-ethylhexyl)Phthalate	0.80007	0.81349	0.81349	0.010	-1.67735	25.00000	Averaged
140 Di-n-octylphthalate	1.56280	1.56474	1.56474	0.010	-0.12417	20.00000	Averaged
141 Benzo(b)fluoranthene	1.49835	1.43613	1.43613	0.010	4.15229	25.00000	Averaged
142 Benzo(k)fluoranthene	1.62329	1.55044	1.55044	0.010	4.48802	25.00000	Averaged
143 7,12-dimethylbenz[a]anthrac	0.63213	0.64550	0.64550	0.010	-2.11623	25.00000	Averaged
146 Benzo(a)pyrene	1.30587	1.24701	1.24701	0.010	4.50734	20.00000	Averaged
149 Indeno(1,2,3-cd)pyrene	1.61286	1.51008	1.51008	0.010	6.37262	25.00000	Averaged
150 Dibenz(a,h)anthracene	1.37915	1.24974	1.24974	0.010	9.38377	25.00000	Averaged
151 Benzo(g,h,i)perylene	1.41279	1.26343	1.26343	0.010	10.57206	25.00000	Averaged

TestAmerica Pittsburgh

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: 733.i
Lab File ID: N09110CC.D
Analysis Type:
Lab Sample ID: sstd4.0
Method: \\PITSVR06\D\chem\733.i\N091108.b\8270ll.m

Injection Date: 11-SEP-2008 00:51
Init. Cal. Date(s): 28-AUG-2008 28-AUG-2008
Init. Cal. Times: 21:46 23:45
Quant Type: ISTD

COMPOUND	RRF / AMOUNT	RF4	CCAL RRF4	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE
$ 154 Nitrobenzene-d5	0.39033	0.36867	0.36867	0.010	5.54936	25.00000	Averaged
$ 155 2-Fluorobiphenyl	1.39313	1.25766	1.25766	0.010	9.72379	25.00000	Averaged
$ 156 Terphenyl-d14	0.88923	0.83752	0.83752	0.010	5.81590	25.00000	Averaged
$ 157 Phenol-d5	1.58713	1.57101	1.57101	0.010	1.01521	25.00000	Averaged
$ 158 2-Fluorophenol	1.29397	1.18576	1.18576	0.010	8.36282	25.00000	Averaged
$ 159 2,4,6-Tribromophenol	0.09121	0.08471	0.08471	0.010	7.13094	25.00000	Averaged
$ 186 2-Chlorophenol-d4	1.43260	1.32225	1.32225	0.010	7.70314	25.00000	Averaged
$ 187 1,2-Dichlorobenzene-d4	0.99350	0.87699	0.87699	0.010	11.72700	25.00000	Averaged

METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: C8I060176 **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: C8I170000-206 **Prep Batch #...:** 8261206						
Silver	**0.083 B**	**0.50**	**mg/kg**	**SW846 6010B**	**09/17-09/18/08**	**KW2AE1AA**
		Dilution Factor: 1				
		Analysis Time..: 14:32		Analyst ID.....: 022952	Instrument ID..: TRA	
Aluminum	ND	20.0	mg/kg	SW846 6010B	09/17-09/18/08	KW2AE1AC
		Dilution Factor: 1				
		Analysis Time..: 14:32		Analyst ID.....: 022952	Instrument ID..: TRA	
Arsenic	ND	1.0	mg/kg	SW846 6010B	09/17-09/18/08	KW2AE1AD
		Dilution Factor: 1				
		Analysis Time..: 14:32		Analyst ID.....: 022952	Instrument ID..: TRA	
Barium	ND	20.0	mg/kg	SW846 6010B	09/17-09/18/08	KW2AE1AE
		Dilution Factor: 1				
		Analysis Time..: 14:32		Analyst ID.....: 022952	Instrument ID..: TRA	
Beryllium	ND	0.40	mg/kg	SW846 6010B	09/17-09/18/08	KW2AE1AF
		Dilution Factor: 1				
		Analysis Time..: 14:32		Analyst ID.....: 022952	Instrument ID..: TRA	
Calcium	ND	500	mg/kg	SW846 6010B	09/17-09/18/08	KW2AE1AG
		Dilution Factor: 1				
		Analysis Time..: 14:32		Analyst ID.....: 022952	Instrument ID..: TRA	
Cadmium	ND	0.50	mg/kg	SW846 6010B	09/17-09/18/08	KW2AE1AH
		Dilution Factor: 1				
		Analysis Time..: 14:32		Analyst ID.....: 022952	Instrument ID..: TRA	
Cobalt	ND	5.0	mg/kg	SW846 6010B	09/17-09/18/08	KW2AE1AJ
		Dilution Factor: 1				
		Analysis Time..: 14:32		Analyst ID.....: 022952	Instrument ID..: TRA	
Chromium	ND	0.50	mg/kg	SW846 6010B	09/17-09/18/08	KW2AE1AK
		Dilution Factor: 1				
		Analysis Time..: 14:32		Analyst ID.....: 022952	Instrument ID..: TRA	
Copper	ND	2.5	mg/kg	SW846 6010B	09/17-09/18/08	KW2AE1AL
		Dilution Factor: 1				
		Analysis Time..: 14:32		Analyst ID.....: 022952	Instrument ID..: TRA	
Iron	ND	10.0	mg/kg	SW846 6010B	09/17-09/18/08	KW2AE1AM
		Dilution Factor: 1				
		Analysis Time..: 14:32		Analyst ID.....: 022952	Instrument ID..: TRA	

(Continued on next page)

METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: C8I060176 **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Potassium	ND	500	mg/kg	SW846 6010B	09/17-09/18/08	KW2AE1AN
		Dilution Factor: 1				
		Analysis Time..: 14:32		Analyst ID.....: 022952	Instrument ID..: TRA	
Magnesium	ND	500	mg/kg	SW846 6010B	09/17-09/18/08	KW2AE1AP
		Dilution Factor: 1				
		Analysis Time..: 14:32		Analyst ID.....: 022952	Instrument ID..: TRA	
Manganese	ND	1.5	mg/kg	SW846 6010B	09/17-09/18/08	KW2AE1AQ
		Dilution Factor: 1				
		Analysis Time..: 14:32		Analyst ID.....: 022952	Instrument ID..: TRA	
Sodium	ND	500	mg/kg	SW846 6010B	09/17-09/18/08	KW2AE1AR
		Dilution Factor: 1				
		Analysis Time..: 14:32		Analyst ID.....: 022952	Instrument ID..: TRA	
Nickel	ND	4.0	mg/kg	SW846 6010B	09/17-09/18/08	KW2AE1AT
		Dilution Factor: 1				
		Analysis Time..: 14:32		Analyst ID.....: 022952	Instrument ID..: TRA	
Lead	ND	0.30	mg/kg	SW846 6010B	09/17-09/18/08	KW2AE1AU
		Dilution Factor: 1				
		Analysis Time..: 14:32		Analyst ID.....: 022952	Instrument ID..: TRA	
Selenium	ND	0.50	mg/kg	SW846 6010B	09/17-09/18/08	KW2AE1AV
		Dilution Factor: 1				
		Analysis Time..: 14:32		Analyst ID.....: 022952	Instrument ID..: TRA	
Thallium	ND	1.0	mg/kg	SW846 6010B	09/17-09/18/08	KW2AE1AW
		Dilution Factor: 1				
		Analysis Time..: 14:32		Analyst ID.....: 022952	Instrument ID..: TRA	
Antimony	ND	1.0	mg/kg	SW846 6010B	09/17-09/18/08	KW2AE1AX
		Dilution Factor: 1				
		Analysis Time..: 14:32		Analyst ID.....: 022952	Instrument ID..: TRA	
Vanadium	ND	5.0	mg/kg	SW846 6010B	09/17-09/18/08	KW2AE1A0
		Dilution Factor: 1				
		Analysis Time..: 14:32		Analyst ID.....: 022952	Instrument ID..: TRA	
Zinc	**0.44 B**	**2.0**	**mg/kg**	**SW846 6010B**	**09/17-09/18/08**	**KW2AE1A1**
		Dilution Factor: 1				
		Analysis Time..: 14:32		Analyst ID.....: 022952	Instrument ID..: TRA	

(Continued on next page)

TestAmerica Pittsburgh

Metals Data Reporting Form

Initial Calibration Blank Results

Instrument: ICPST **Units:** ug/L

Chart Number: T80918C.ARC

Standard Source: _____ **Standard ID:** _____

Element	WL/ Mass	Report Limit	ICB1 9/18/2008 2:10 PM Found	Q	Found	Q	Found	Q	Found	Q	Found	Q
Aluminum	308.215	200	14.2	U								
Antimony	220.353	10	0.9	U								
Arsenic	189.042	10	2.3	U								
Barium	493.409	200	**0.4**	**B**								
Beryllium	313.042	4	0.3	U								
Cadmium	226.502	5	0.5	U								
Calcium	317.933	6000	251.0	U								
Chromium	267.716	5	**1.1**	**B**								
Cobalt	228.616	50	**0.7**	**B**								
Copper	324.753	25	1.4	U								
Iron	271.441	100	30.0	U								
Lead	220.353	3	1.6	U								
Magnesium	279.078	5000	13.1	U								
Manganese	257.61	15	**0.5**	**B**								
Nickel	231.604	40	1.0	U								
Potassium	766.491	5000	500.0	U								
Selenium	220.353	5	2.9	U								
Silver	328.068	200	**1.4**	**B**								
Sodium	330.232	5000	**-580.0**	**B**								
Thallium	190.864	10	3.2	U								
Vanadium	292.402	50	2.6	U								
Zinc	213.856	20	3.5	U								

TestAmerica Pittsburgh

Metals Data Reporting Form

Continuing Calibration Blank Result

Instrument: ICPST **Units:** ug/L

Chart Number: T80918C.ARC

Standard Source: _____ **Standard ID:** _____

Element	WL/ Mass	Report Limit	CCB1 9/18/2008 3:16 PM Found	Q	CCB2 9/18/2008 4:11 PM Found	Q	Found	Q	Found	Q	Found	Q
Aluminum	308.215	200	14.2	U	**18.3**	**B**						
Antimony	220.353	10	0.9	U	**-1.2**	**B**						
Arsenic	189.042	10	2.3	U	2.3	U						
Barium	493.409	200	0.4	U	0.4	U						
Beryllium	313.042	4	0.3	U	**0.3**	**B**						
Cadmium	226.502	5	0.5	U	0.5	U						
Calcium	317.933	6000	251.0	U	251.0	U						
Chromium	267.716	5	0.8	U	0.8	U						
Cobalt	228.616	50	0.4	U	0.4	U						
Copper	324.753	25	1.4	U	**-1.4**	**B**						
Iron	271.441	100	30.0	U	30.0	U						
Lead	220.353	3	1.6	U	1.6	U						
Magnesium	279.078	5000	13.1	U	13.1	U						
Manganese	257.61	15	0.3	U	0.3	U						
Nickel	231.604	40	1.0	U	1.0	U						
Potassium	766.491	5000	500.0	U	500.0	U						
Selenium	220.353	5	2.9	U	2.9	U						
Silver	328.068	200	**1.0**	**B**	**0.7**	**B**						
Sodium	330.232	5000	**-550.0**	**B**	**-520.0**	**B**						
Thallium	190.864	10	3.2	U	3.2	U						
Vanadium	292.402	50	2.6	U	2.6	U						
Zinc	213.856	20	3.5	U	3.5	U						

CASE NARRATIVE

ENSR
Schenectady RI

Lot # C8J100124

Sample Receiving:
TestAmerica's Pittsburgh laboratory received samples on October 9, 2008. The cooler was received within the proper temperature range.

If project specific QC was not required for samples contained in this report and batch QC was completed on these samples, anomalous results will be discussed below.

GC/MS Volatiles:
Due to the concentration of target compounds detected, sample SB45(8-10) was analyzed as medium level, methanol dilution.

The method blank for batch 8291500 had methylene chloride detected between the MDL and the reporting limit. The result was flagged with a "J" qualifier. Any sample that had this compound detected had the result flagged with a "B' qualifier.

GC/MS Semivolatiles:
Due to the concentration of target compounds detected, sample SB45(8-10) was analyzed at a 200x and a 4000X dilution. Both analyses had the surrogates diluted out. Both sets of data were reported.

Due to the concentration of target compounds detected, sample SB41(15-17) was analyzed at a 5X dilution.

Metals:
Sample SB45(8-10) contained mercury over the instrument's calibration range and required dilution.

The method blank had analytes detected at concentrations between the MDL and the reporting limit. The results were flagged with a "B" qualifier. Any sample associated with a method blank that had the same analyte detected had the result flagged with a "J" qualifier.

For the matrix spike and matrix spike duplicate of sample SB45(8-10), mercury recoveries were not calculated due to the concentration of analyte in the sample being >4 times the concentration of spike added.

C8J100124

Chain of Custody Record

No 0201

The RETEC Group, Inc.
1001 W. Seneca Street, Suite 204 • Ithaca, NY 14850-3342
(607) 277-5716 Phone • (607) 277-9057 Fax
www.retec.com

ENSR RETEC

Project Name: Schenectady MGP	Project Number:
Send Report To: James Edwards	Sampler (Print Name): EDWARDS
Address: 1001 W Seneca	Sampler (Print Name):
	Shipment Method:
	Airbill Number:
Phone: 607.277.5716	Laboratory Receiving:
Fax: 9057	

Page 1 of 1

Purchase Order #:

Field Sample ID	Sample Date	Sample Time	Sample Matrix	Number of Containers	Analysis Requested: VOC - 8260B; SVOC - 8270C; Metals - 6000-7000; Total CN - 9013A	Comments, Special Instructions, etc.	Lab Sample ID (to be completed by lab)
SB45 (8-10)	10/6/08	1600	Soil	3	X X X X	NYSDEC ASP CAT B Data Package	
SB45 (20-22)	10/7/08	1200	Soil	3	X X X X		
SB41 (15-17)	10/8/08	1530	Soil	3	X X X X		
SB4 (20-22)	10/8/08	1545	Soil	3	X X X X		

Relinquished by: (Signature) James H. Edwards	Received by: (Signature) Fedex	Date: 10-8-08	Time:
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
Relinquished by: (Signature)	Received by: (Signature) Patrick C. Jones	Date: 10/9/08	Time: 0930

Sample Custodian Remarks (Completed By Laboratory):

QA/QC Level	Turnaround	Sample Receipt	
Level I ☐	Routine ☐	Total # Containers Received?	
Level II ☐	24 Hour ☐	COC Seals Present?	
Level III ☐	1 Week ☐	COC Seals Intact?	
Other ☐	Other ____	Received Containers Intact?	
		Temperature?	

White: Lab Copy Yellow: PM Copy Pink: Field Copy Gold: PM/QA/QC Copy

Cooler Receipt Form

TestAmerica Pittsburgh

Client: ENSR Project: _____ Quote: 72910

Cooler Rec'd & Opened for Temp. Check on: 10/9/08

Coolers Opened and Unpacked on: 10/10/08 By: DAF

(Signature)

TestAmerica Pittsburgh Lot Number: C8J100124

		Yes	No	NA
1.	Were custody seals on the outside of the cooler?			
	If YES, how many and where? Quantity 1 Location front			
	Were signatures and date correct?			
2.	Were custody papers included inside the cooler?			
3.	Were custody papers properly filled out (ink, signed, match labels)?			
4.	Did you sign the custody papers in the appropriate place?			
5.	Was shippers packing slip attached to this form?			
6.	Were packing materials used?			
	If YES, what type? Bubble Wrap			
7.	Were the samples received within the acceptable temperature range?			
8.	Were the samples appropriately preserved?			
9.	Were all bottles sealed in separate plastic bags?			
10.	Did all bottles arrive in good condition (unbroken)?			
11.	Were all bottle labels complete (sample ID, preservatives, etc.)?			
12.	Did all bottle labels and/or tags agree with custody papers?			
13.	Were correct bottles used for tests indicated?			
14.	Were all VOA vials checked for the presence of air bubbles?			
15.	Was a sufficient amount of sample sent in each bottle?			

16. Samples received by: (FEDEX) UPS CLIENT DROP-OFF OTHER DHL US CARGO

Explain any discrepancies: _____

Level 2 Review _____

Was contacted on _____ by _____ to resolve discrepancies.

Cooler Receipt Form

TestAmerica Pittsburgh

P: Preserved
UP: Unpreserved

Sample ID	TMET PH<2	DMET PH<2	HG PH<2	NUT(1) PH<2	CN PH ≥12	OG TPHC PH<2	PHEN PH<2	SULF PH ≥12	TOC PH<2	TOX PH<2	VOA P/UP	hrdnss PH<2			

(1) "NUT" could include sample bottles for ammonia, chemical oxygen demand, nitrate/nitrite, TKN, or total phosphorus

Comments: _____

Cooler Number	Temperature*	Thermometer ID
1	2.1	3

*Acceptable Temperature Range: 4°C ± 2°C

Sample	Lot Number**

**Please use an asterisk if bottle lot number was covered by the label

If samples required preservation in the laboratory, the following lot number(s) was/were used:

Nitric Acid _____ Hydrochloric Acid _____

Sulfuric Acid _____ Sodium Hydroxide _____

TestAmerica Pittsburgh

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: hp4.i
Lab File ID: 2C41016.D
Analysis Type: SOIL
Lab Sample ID: vstd40
Method: \\PITSVR06\D\chem\hp4.i\4101608d.b\med500.m

Injection Date: 16-OCT-2008 09:34
Init. Cal. Date(s): 07-OCT-2008 07-OCT-2008
Init. Cal. Times: 10:36 13:26
Quant Type: ISTD

COMPOUND	RRF / AMOUNT	RF40	CCAL RRF40	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE
$ 39 Dibromofluoromethane	0.22056	0.23518	0.23518	0.010	-6.62639	25.00000	Averaged
$ 43 1,2-Dichloroethane-d4	0.31611	0.31207	0.31207	0.010	1.27941	25.00000	Averaged
$ 59 Toluene-d8	4.00847	4.34183	4.34183	0.010	-8.31627	25.00000	Averaged
$ 80 Bromofluorobenzene	1.56988	1.55387	1.55387	0.010	1.01994	25.00000	Averaged
1 Dichlorodifluoromethane	0.33155	0.33396	0.33396	0.010	-0.72556	25.00000	Averaged
2 Chloromethane	0.46085	0.42834	0.42834	0.100	7.05252	25.00000	Averaged
3 Vinyl Chloride	0.32429	0.31492	0.31492	0.010	2.88951	20.00000	Averaged
4 Bromomethane	0.10891	0.12136	0.12136	0.010	-11.42737	25.00000	Averaged
5 Chloroethane	0.14661	0.13214	0.13214	0.010	9.86761	25.00000	Averaged
6 Trichlorofluoromethane	0.35157	0.36141	0.36141	0.010	-2.79976	25.00000	Averaged
10 1,1,2-trichloro-1,2,2-trifl	0.25658	0.23785	0.23785	0.010	7.29955	25.00000	Averaged
12 1,1-Dichloroethene	0.25509	0.23599	0.23599	0.010	7.48718	20.00000	Averaged
15 Carbon Disulfide	0.76512	0.73287	0.73287	0.010	4.21472	25.00000	Averaged
13 Acetone	200	125	0.06589	0.010	37.46656	0.000e+000	Quadratic
18 Methylene Chloride	0.26984	0.24832	0.24832	0.010	7.97421	25.00000	Averaged
19 trans-1,2-Dichloroethene	0.28063	0.26324	0.26324	0.010	6.19658	25.00000	Averaged
20 Methyl tert-butyl ether	0.64779	0.60031	0.60031	0.010	7.32933	25.00000	Averaged
24 1,1-Dichloroethane	0.50880	0.46237	0.46237	0.100	9.12565	25.00000	Averaged
27 2,2-Dichloropropane	0.34557	0.32310	0.32310	0.010	6.50262	25.00000	Averaged
28 cis-1,2-dichloroethene	0.28688	0.26825	0.26825	0.010	6.49212	25.00000	Averaged
M 29 1,2-Dichloroethene (total)	0.28375	0.26575	0.26575	0.010	6.34597	25.00000	Averaged
30 Bromochloromethane	0.13742	0.12535	0.12535	0.010	8.78703	25.00000	Averaged
31 2-Butanone	0.17095	0.13020	0.13020	0.010	23.83818	25.00000	Averaged
37 Chloroform	0.45071	0.41780	0.41780	0.010	7.30197	20.00000	Averaged
38 1,1,1-Trichloroethane	0.38922	0.37023	0.37023	0.010	4.87852	25.00000	Averaged
40 1,1-Dichloropropene	0.36856	0.34752	0.34752	0.010	5.70879	25.00000	Averaged
41 Carbon Tetrachloride	0.29114	0.29952	0.29952	0.010	-2.88002	25.00000	Averaged
42 Benzene	1.06357	0.99888	0.99888	0.010	6.08279	25.00000	Averaged
45 1,2-Dichloroethane	0.41150	0.34845	0.34845	0.010	15.32211	25.00000	Averaged
47 Trichloroethene	0.28512	0.26536	0.26536	0.010	6.93188	25.00000	Averaged
49 1,2-Dichloropropane	0.26856	0.24223	0.24223	0.010	9.80384	20.00000	Averaged
50 Dibromomethane	0.14535	0.12420	0.12420	0.010	14.55180	25.00000	Averaged
53 Bromodichloromethane	0.30181	0.29043	0.29043	0.010	3.77089	25.00000	Averaged
57 cis-1,3-Dichloropropene	0.39620	0.37295	0.37295	0.010	5.86730	25.00000	Averaged
58 4-Methyl-2-Pentanone	1.35039	1.30139	1.30139	0.010	3.62861	25.00000	Averaged
60 Toluene	4.79851	4.61213	4.61213	0.010	3.88422	20.00000	Averaged
61 trans-1,3-Dichloropropene	1.53991	1.48569	1.48569	0.010	3.52122	25.00000	Averaged
63 1,3-Dichloropropane	1.66027	1.51902	1.51902	0.010	8.50774	25.00000	Averaged
64 1,1,2-Trichloroethane	0.90795	0.86389	0.86389	0.010	4.85256	25.00000	Averaged
65 Tetrachloroethene	0.94299	0.94892	0.94892	0.010	-0.62959	25.00000	Averaged
66 2-Hexanone	0.91044	0.87190	0.87190	0.010	4.23351	25.00000	Averaged
67 Dibromochloromethane	0.78967	0.82255	0.82255	0.010	-4.16424	25.00000	Averaged
68 1,2-Dibromoethane	0.96824	0.88316	0.88316	0.010	8.78712	25.00000	Averaged

TestAmerica Pittsburgh

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: hp4.i Injection Date: 16-OCT-2008 09:34
Lab File ID: 2C41016.D Init. Cal. Date(s): 07-OCT-2008 07-OCT-2008
Analysis Type: SOIL Init. Cal. Times: 10:36 13:26
Lab Sample ID: vstd40 Quant Type: ISTD
Method: \\PITSVR06\D\chem\hp4.i\4101608d.b\med500.m

COMPOUND	RRF / AMOUNT	RF40	CCAL RRF40	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE	
70 Chlorobenzene	3.09462	2.90690	2.90690	0.300	6.06589	25.00000	Averaged	
71 1,1,1,2-Tetrachloroethane	0.96994	0.93067	0.93067	0.010	4.04846	25.00000	Averaged	
72 Ethylbenzene	1.75610	1.70965	1.70965	0.010	2.64504	20.00000	Averaged	
73 m + p-Xylene	2.12369	2.10890	2.10890	0.010	0.69658	25.00000	Averaged	
74 Xylene-o	2.06227	2.02297	2.02297	0.010	1.90532	25.00000	Averaged	
M 75 Xylenes (total)	2.10322	2.08026	2.08026	0.010	1.09165	25.00000	Averaged	
76 Styrene	3.50749	3.33033	3.33033	0.010	5.05098	25.00000	Averaged	
77 Bromoform	200	227	0.51983	0.100	-13.35383	0.000e+000	Quadratic	
78 Isopropylbenzene	5.56176	5.47086	5.47086	0.010	1.63428	25.00000	Averaged	
83 1,1,2,2-Tetrachloroethane	0.74209	0.63141	0.63141	0.300	14.91431	25.00000	Averaged	
84 1,2,3-Trichloropropane	0.24966	0.21920	0.21920	0.010	12.20163	25.00000	Averaged	
86 1,3,5-Trimethylbenzene	2.91920	2.57271	2.57271	0.010	11.86951	25.00000	Averaged	
88 1,2,4-Trimethylbenzene	2.98738	2.57938	2.57938	0.010	13.65726	25.00000	Averaged	
91 1,3-Dichlorobenzene	1.59910	1.40984	1.40984	0.010	11.83537	25.00000	Averaged	
93 1,4-Dichlorobenzene	1.65436	1.46004	1.46004	0.010	11.74565	25.00000	Averaged	
95 1,2-Dichlorobenzene	1.53389	1.35096	1.35096	0.010	11.92577	25.00000	Averaged	
96 1,2-Dibromo-3-chloropropane	0.12622	0.10452	0.10452	0.010	17.19292	25.00000	Averaged	
97 1,2,4-Trichlorobenzene	1.05203	0.81076	0.81076	0.010	22.93399	25.00000	Averaged	
99 Naphthalene	2.16455	1.47802	1.47802	0.010	31.71714	25.00000	Averaged	<-
100 1,2,3-Trichlorobenzene	0.83214	0.55684	0.55684	0.010	33.08367	25.00000	Averaged	<-
155 Methyl Acetate	0.26420	0.21006	0.21006	0.010	20.48978	25.00000	Averaged	
156 Cyclohexane	0.56384	0.55811	0.55811	0.010	1.01617	25.00000	Averaged	
157 Methyl Cyclohexane	0.51646	0.51799	0.51799	0.010	-0.29696	25.00000	Averaged	

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: C8J100124 **Work Order #...:** K05HP1AA **Matrix.....:** SOLID
MB Lot-Sample #: C8J170000-500

Prep Date.....: 10/17/08 **Analysis Time..:** 17:11
Analysis Date..: 10/17/08 **Prep Batch #...:** 8291500 **Final Wgt/Vol..:** 5 mL
Dilution Factor: 1 **Initial Wgt/Vol:** 5 g **Instrument ID..:** HP3
Analyst ID.....: 403419

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	5.0	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	5.0	ug/kg	SW846 8260B
Dibromochloromethane	ND	5.0	ug/kg	SW846 8260B
1,2-Dibromo-3-chloro-propane	ND	5.0	ug/kg	SW846 8260B
1,2-Dibromoethane	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
1,2-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	5.0	ug/kg	SW846 8260B
Isopropylbenzene	ND	5.0	ug/kg	SW846 8260B
Methyl acetate	ND	5.0	ug/kg	SW846 8260B
Methylene chloride	**1.8 J**	**5.0**	**ug/kg**	**SW846 8260B**
Methylcyclohexane	ND	5.0	ug/kg	SW846 8260B
4-Methyl-2-pentanone	ND	5.0	ug/kg	SW846 8260B
Methyl tert-butyl ether	ND	5.0	ug/kg	SW846 8260B
Styrene	ND	5.0	ug/kg	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	SW846 8260B
1,2,4-Trichloro-benzene	ND	5.0	ug/kg	SW846 8260B

(Continued on next page)

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: C8J100124 **Work Order #...:** K05HP1AA **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Tetrachloroethene	ND	5.0	ug/kg	SW846 8260B
1,1,1-Trichloroethane	ND	5.0	ug/kg	SW846 8260B
1,1,2-Trichloroethane	ND	5.0	ug/kg	SW846 8260B
Trichloroethene	ND	5.0	ug/kg	SW846 8260B
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	15	ug/kg	SW846 8260B
Toluene	ND	5.0	ug/kg	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	98	(52 - 124)
Toluene-d8	104	(72 - 127)
4-Bromofluorobenzene	101	(63 - 120)
Dibromofluoromethane	100	(68 - 121)

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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CONTINUING CALIBRATION COMPOUNDS

Instrument ID: 722.i
Lab File ID: F10140C1.D
Analysis Type:
Lab Sample ID: sstd4
Method: \\PITSVR06\d\chem\722.i\101408.b\LL.m

Injection Date: 14-OCT-2008 04:13
Init. Cal. Date(s): 02-OCT-2008 03-OCT-2008
Init. Cal. Times: 06:10 17:49
Quant Type: ISTD

COMPOUND	RRF / AMOUNT	RF4	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE	
198 1,4-Dioxane	0.23811	0.27978	0.010	-17.50230	25.00000	Averaged	
220 Benzaldehyde	0.90190	0.97909	0.010	-8.55968	25.00000	Averaged	
10 N-Nitrosodimethylamine	0.52154	0.57209	0.010	-9.69254	25.00000	Averaged	
9 Pyridine	0.95400	0.89537	0.010	6.14600	25.00000	Averaged	
16 Methyl methanesulfonate	0.61006	0.51611	0.010	15.39960	25.00000	Averaged	
21 Aniline	1.88706	1.41850	0.010	24.82987	25.00000	Averaged	
22 Phenol	1.67811	1.68743	0.010	-0.55561	20.00000	Averaged	
23 bis(2-Chloroethyl)ether	1.23953	1.34810	0.010	-8.75847	25.00000	Averaged	
24 2-Chlorophenol	1.38141	1.40557	0.010	-1.74877	25.00000	Averaged	
26 1,3-Dichlorobenzene	1.58751	1.63403	0.010	-2.93069	25.00000	Averaged	
27 1,4-Dichlorobenzene	1.62361	1.64539	0.010	-1.34131	20.00000	Averaged	
28 1,2-Dichlorobenzene	1.54125	1.60387	0.010	-4.06268	25.00000	Averaged	
29 Benzyl Alcohol	0.88072	0.62977	0.010	28.49383	25.00000	Averaged	<-
30 2-Methylphenol	1.24791	1.29839	0.010	-4.04496	25.00000	Averaged	
31 2,2'-oxybis(1-Chloropropane	2.00620	2.13670	0.010	-6.50448	25.00000	Averaged	
37 Acetophenone	1.78663	1.86956	0.010	-4.64185	25.00000	Averaged	
32 N-Nitroso-di-n-propylamine	0.89473	0.96216	0.050	-7.53581	25.00000	Averaged	
192 4-Methylphenol	1.30182	1.27816	0.010	1.81774	25.00000	Averaged	
34 Hexachloroethane	0.62744	0.63113	0.010	-0.58864	25.00000	Averaged	
35 Nitrobenzene	0.35136	0.35193	0.010	-0.16310	25.00000	Averaged	
41 Isophorone	0.59487	0.63562	0.010	-6.85024	25.00000	Averaged	
42 2-Nitrophenol	0.19699	0.20116	0.010	-2.11957	20.00000	Averaged	
43 2,4-Dimethylphenol	0.31983	0.35417	0.010	-10.73490	25.00000	Averaged	
44 bis(2-Chloroethoxy)methane	0.36582	0.37639	0.010	-2.89160	25.00000	Averaged	
48 2,4-Dichlorophenol	0.29177	0.28864	0.010	1.07111	20.00000	Averaged	
49 Benzoic Acid	0.14148	0.12733	0.010	10.00245	25.00000	Averaged	
50 1,2,4-Trichlorobenzene	0.33074	0.32686	0.010	1.17102	25.00000	Averaged	
51 Naphthalene	0.97268	0.99990	0.010	-2.79863	25.00000	Averaged	
52 4-Chloroaniline	0.42161	0.36119	0.010	14.33120	25.00000	Averaged	
54 2,6-Dichlorophenol	0.30465	0.30640	0.010	-0.57331	25.00000	Averaged	
56 Hexachlorobutadiene	0.18742	0.19043	0.010	-1.60568	20.00000	Averaged	
221 Caprolactam	0.09205	0.08498	0.010	7.67985	25.00000	Averaged	
59 4-Chloro-3-Methylphenol	0.28239	0.29637	0.010	-4.95050	20.00000	Averaged	
62 2-Methylnaphthalene	0.67746	0.70588	0.010	-4.19540	25.00000	Averaged	
205 1-Methylnaphthalene	0.66622	0.68519	0.010	-2.84758	25.00000	Averaged	
64 Hexachlorocyclopentadiene	0.36352	0.25380	0.050	30.18290	25.00000	Averaged	<-
66 2,4,6-Trichlorophenol	0.37576	0.33489	0.010	10.87805	20.00000	Averaged	
67 2,4,5-Trichlorophenol	0.39576	0.38795	0.010	1.97255	25.00000	Averaged	
222 1,1'-Biphenyl	1.44811	1.40058	0.010	3.28217	25.00000	Averaged	
70 2-Chloronaphthalene	1.13103	1.10206	0.010	2.56172	25.00000	Averaged	
73 2-Nitroaniline	0.34197	0.32608	0.010	4.64565	25.00000	Averaged	
76 Dimethylphthalate	1.15339	1.12346	0.010	2.59508	25.00000	Averaged	

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CONTINUING CALIBRATION COMPOUNDS

Instrument ID: 722.i
Lab File ID: F10140C1.D
Analysis Type:
Lab Sample ID: sstd4
Method: \\PITSVR06\d\chem\722.i\101408.b\LL.m

Injection Date: 14-OCT-2008 04:13
Init. Cal. Date(s): 02-OCT-2008 03-OCT-2008
Init. Cal. Times: 06:10 17:49
Quant Type: ISTD

COMPOUND	RRF / AMOUNT	RF4	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE	
78 2,6-Dinitrotoluene	0.26224	0.25819	0.010	1.54308	25.00000	Averaged	
79 Acenaphthylene	1.72581	1.70136	0.010	1.41643	25.00000	Averaged	
81 3-Nitroaniline	0.30769	0.25145	0.010	18.27863	25.00000	Averaged	
82 Acenaphthene	1.09609	1.06102	0.010	3.19932	20.00000	Averaged	
83 2,4-Dinitrophenol	0.12405	0.10472	0.050	15.58363	25.00000	Averaged	
85 4-Nitrophenol	0.16971	0.14321	0.050	15.61277	25.00000	Averaged	
86 Dibenzofuran	1.51307	1.49917	0.010	0.91875	25.00000	Averaged	
87 2,4-Dinitrotoluene	0.34119	0.35080	0.010	-2.81824	25.00000	Averaged	
91 2,3,5,6-Tetrachlorophenol	0.28569	0.26727	0.010	6.44917	25.00000	Averaged	
88 2,3,4,6-Tetrachlorophenol	0.30266	0.29975	0.010	0.95956	25.00000	Averaged	
92 2-Naphthylamine	0.72963	0.23586	0.010	67.67393	25.00000	Averaged	<-NA FBS 10/14/08
93 Diethylphthalate	1.17136	1.08967	0.010	6.97329	25.00000	Averaged	
94 Fluorene	1.23192	1.18768	0.010	3.59118	25.00000	Averaged	
95 4-Chlorophenyl-phenylether	0.59048	0.58014	0.010	1.75183	25.00000	Averaged	
96 4-Nitroaniline	0.30971	0.24620	0.010	20.50591	25.00000	Averaged	
98 4,6-Dinitro-2-methylphenol	0.10959	0.10283	0.010	6.17377	25.00000	Averaged	
99 N-Nitrosodiphenylamine	0.55357	0.57770	0.010	-4.35815	20.00000	Averaged	
100 1,2-Diphenylhydrazine	0.76329	0.77001	0.010	-0.88088	25.00000	Averaged	
106 4-Bromophenyl-phenylether	0.19713	0.20230	0.010	-2.62352	25.00000	Averaged	
107 Hexachlorobenzene	0.20784	0.21373	0.010	-2.83182	25.00000	Averaged	
223 Atrazine	0.17146	0.13077	0.010	23.73106	25.00000	Averaged	
111 Pentachlorophenol	0.13781	0.12749	0.025	7.49139	20.00000	Averaged	
115 Phenanthrene	1.00450	0.99928	0.010	0.51938	25.00000	Averaged	
116 Anthracene	1.02069	1.02729	0.010	-0.64639	25.00000	Averaged	
119 Carbazole	0.90389	0.87166	0.010	3.56581	25.00000	Averaged	
120 Di-n-Butylphthalate	1.14292	1.06986	0.010	6.39165	25.00000	Averaged	
123 Fluoranthene	1.00046	0.91558	0.010	8.48441	20.00000	Averaged	
124 Benzidine	0.54653	0.09572	0.010	82.48634	25.00000	Averaged	<-NA FBS 10/14/08
125 Pyrene	1.37165	1.50916	0.010	-10.02520	25.00000	Averaged	
131 Butylbenzylphthalate	0.65105	0.63210	0.010	2.90985	25.00000	Averaged	
135 3,3'-Dichlorobenzidine	0.44009	0.33919	0.010	22.92678	25.00000	Averaged	
136 Benzo(a)Anthracene	1.17485	1.13566	0.010	3.33538	25.00000	Averaged	
137 Chrysene	1.11545	1.02670	0.010	7.95710	25.00000	Averaged	
139 bis(2-ethylhexyl)Phthalate	0.87296	0.87572	0.010	-0.31587	25.00000	Averaged	
140 Di-n-octylphthalate	1.77611	2.03233	0.010	-14.42555	20.00000	Averaged	
141 Benzo(b)fluoranthene	1.45753	1.43978	0.010	1.21738	25.00000	Averaged	
142 Benzo(k)fluoranthene	1.51485	1.39112	0.010	8.16773	25.00000	Averaged	
143 7,12-dimethylbenz(a)anthrac	0.68886	0.65232	0.010	5.30373	25.00000	Averaged	
146 Benzo(a)pyrene	1.22683	1.16484	0.010	5.05287	20.00000	Averaged	
149 Indeno(1,2,3-cd)pyrene	1.46167	1.42693	0.010	2.37666	25.00000	Averaged	
150 Dibenz(a,h)anthracene	1.19272	1.16488	0.010	2.33387	25.00000	Averaged	
151 Benzo(g,h,i)perylene	1.21772	1.17542	0.010	3.47347	25.00000	Averaged	

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CONTINUING CALIBRATION COMPOUNDS

Instrument ID: 722.i Injection Date: 14-OCT-2008 04:13
Lab File ID: F10140C1.D Init. Cal. Date(s): 02-OCT-2008 03-OCT-2008
Analysis Type: Init. Cal. Times: 06:10 17:49
Lab Sample ID: sstd4 Quant Type: ISTD
Method: \\PITSVR06\d\chem\722.i\101408.b\LL.m

COMPOUND	RRF / AMOUNT	RF4	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE
$ 154 Nitrobenzene-d5	0.35526	0.34526	0.010	2.81526	25.00000	Averaged
$ 155 2-Fluorobiphenyl	1.23954	1.21237	0.010	2.19237	25.00000	Averaged
$ 156 Terphenyl-d14	0.90124	0.97204	0.010	-7.85676	25.00000	Averaged
$ 157 Phenol-d5	1.49565	1.53347	0.010	-2.52911	25.00000	Averaged
$ 158 2-Fluorophenol	1.16001	1.14685	0.010	1.13447	25.00000	Averaged
$ 159 2,4,6-Tribromophenol	0.09086	0.09477	0.010	-4.30245	25.00000	Averaged
$ 186 2-Chlorophenol-d4	1.45548	1.45256	0.010	0.20067	25.00000	Averaged
$ 187 1,2-Dichlorobenzene-d4	0.98743	1.01253	0.010	-2.54172	25.00000	Averaged

SW846 8270C SURROGATE RECOVERY

Lab Name: TestAmerica Laboratories, Inc. Client: ENSR International

Lab Code: TALPIT SDG No:

Lot #: C8J100124

Extraction: XXA4FQL01

	CLIENT ID.	SRG01	SRG02	SRG03	SRG04	SRG05	SRG06	TOT OUT
01	INTRA-LAB QC	52	66	59	62	60	66	00
02	SB45(8-10)	0 D	0 D	0 D	0 D	0 D	0 D	06
03	SB45(8-10) RE-1	0 D	0 D	0 D	0 D	0 D	0 D	06
04	SB45(20-22)	72	68	76	74	79	95	00
05	SB41(15-17)	80	77	68	69	76	81	00
06	SB4(20-22)	59	58	63	62	65	76	00
07	METHOD BLK. K0PCC1AA	64	65	64	69	65	79	00
08	LCS K0PCC1AC	81	74	71	73	72	84	00
09	LAB MS/MSD D	64	73	66	69	73	70	00
10	LAB MS/MSD S	60	69	62	65	69	68	00

SURROGATES		QC LIMITS
SRG01	= 2,4,6-Tribromophenol	(50-124)
SRG02	= 2-Fluorobiphenyl	(49-105)
SRG03	= 2-Fluorophenol	(39-103)
SRG04	= Nitrobenzene-d5	(25-104)
SRG05	= Phenol-d5	(25-105)
SRG06	= Terphenyl-d14	(25-127)

\# Column to be used to flag recovery values
* Values outside of required QC Limits
D System monitoring Compound diluted out

FORM II

METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: C8J100124 **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: C8J150000-530 **Prep Batch #...:** 8289530						
Silver	ND	0.50	mg/kg	SW846 6010B	10/15-10/23/08	K0X3M1AA
		Dilution Factor: 1				
		Analysis Time..: 20:57		Analyst ID.....: 022952	Instrument ID..: TRA	
Aluminum	ND	20.0	mg/kg	SW846 6010B	10/15-10/23/08	K0X3M1AC
		Dilution Factor: 1				
		Analysis Time..: 20:57		Analyst ID.....: 022952	Instrument ID..: TRA	
Arsenic	ND	1.0	mg/kg	SW846 6010B	10/15-10/23/08	K0X3M1AD
		Dilution Factor: 1				
		Analysis Time..: 20:57		Analyst ID.....: 022952	Instrument ID..: TRA	
Barium	ND	20.0	mg/kg	SW846 6010B	10/15-10/23/08	K0X3M1AE
		Dilution Factor: 1				
		Analysis Time..: 20:57		Analyst ID.....: 022952	Instrument ID..: TRA	
Beryllium	ND	0.40	mg/kg	SW846 6010B	10/15-10/23/08	K0X3M1AF
		Dilution Factor: 1				
		Analysis Time..: 20:57		Analyst ID.....: 022952	Instrument ID..: TRA	
Calcium	**4.2 B**	**500**	**mg/kg**	**SW846 6010B**	**10/15-10/23/08**	**K0X3M1AG**
		Dilution Factor: 1				
		Analysis Time..: 20:57		Analyst ID.....: 022952	Instrument ID..: TRA	
Cadmium	ND	0.50	mg/kg	SW846 6010B	10/15-10/23/08	K0X3M1AH
		Dilution Factor: 1				
		Analysis Time..: 20:57		Analyst ID.....: 022952	Instrument ID..: TRA	
Cobalt	ND	5.0	mg/kg	SW846 6010B	10/15-10/23/08	K0X3M1AJ
		Dilution Factor: 1				
		Analysis Time..: 20:57		Analyst ID.....: 022952	Instrument ID..: TRA	
Chromium	ND	0.50	mg/kg	SW846 6010B	10/15-10/23/08	K0X3M1AK
		Dilution Factor: 1				
		Analysis Time..: 20:57		Analyst ID.....: 022952	Instrument ID..: TRA	
Copper	ND	2.5	mg/kg	SW846 6010B	10/15-10/23/08	K0X3M1AL
		Dilution Factor: 1				
		Analysis Time..: 20:57		Analyst ID.....: 022952	Instrument ID..: TRA	
Iron	**3.2 B**	**10.0**	**mg/kg**	**SW846 6010B**	**10/15-10/23/08**	**K0X3M1AM**
		Dilution Factor: 1				
		Analysis Time..: 20:57		Analyst ID.....: 022952	Instrument ID..: TRA	

(Continued on next page)

METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: C8J100124 **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Potassium	ND	500	mg/kg	SW846 6010B	10/15-10/23/08	K0X3M1AN
		Dilution Factor: 1				
		Analysis Time..: 20:57		Analyst ID.....: 022952	Instrument ID..: TRA	
Magnesium	ND	500	mg/kg	SW846 6010B	10/15-10/23/08	K0X3M1AP
		Dilution Factor: 1				
		Analysis Time..: 20:57		Analyst ID.....: 022952	Instrument ID..: TRA	
Manganese	ND	1.5	mg/kg	SW846 6010B	10/15-10/23/08	K0X3M1AQ
		Dilution Factor: 1				
		Analysis Time..: 20:57		Analyst ID.....: 022952	Instrument ID..: TRA	
Sodium	ND	500	mg/kg	SW846 6010B	10/15-10/23/08	K0X3M1AR
		Dilution Factor: 1				
		Analysis Time..: 20:57		Analyst ID.....: 022952	Instrument ID..: TRA	
Nickel	ND	4.0	mg/kg	SW846 6010B	10/15-10/23/08	K0X3M1AT
		Dilution Factor: 1				
		Analysis Time..: 20:57		Analyst ID.....: 022952	Instrument ID..: TRA	
Lead	ND	0.30	mg/kg	SW846 6010B	10/15-10/23/08	K0X3M1AU
		Dilution Factor: 1				
		Analysis Time..: 20:57		Analyst ID.....: 022952	Instrument ID..: TRA	
Selenium	ND	0.50	mg/kg	SW846 6010B	10/15-10/23/08	K0X3M1AV
		Dilution Factor: 1				
		Analysis Time..: 20:57		Analyst ID.....: 022952	Instrument ID..: TRA	
Thallium	ND	1.0	mg/kg	SW846 6010B	10/15-10/23/08	K0X3M1AW
		Dilution Factor: 1				
		Analysis Time..: 20:57		Analyst ID.....: 022952	Instrument ID..: TRA	
Antimony	ND	1.0	mg/kg	SW846 6010B	10/15-10/23/08	K0X3M1AX
		Dilution Factor: 1				
		Analysis Time..: 20:57		Analyst ID.....: 022952	Instrument ID..: TRA	
Vanadium	ND	5.0	mg/kg	SW846 6010B	10/15-10/23/08	K0X3M1A0
		Dilution Factor: 1				
		Analysis Time..: 20:57		Analyst ID.....: 022952	Instrument ID..: TRA	
Zinc	**0.53 B**	**2.0**	**mg/kg**	**SW846 6010B**	**10/15-10/23/08**	**K0X3M1A1**
		Dilution Factor: 1				
		Analysis Time..: 20:57		Analyst ID.....: 022952	Instrument ID..: TRA	

(Continued on next page)

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: C8J100124 **Matrix.....:** SO
Date Sampled...: 10/06/08 **Date Received..:** 10/09/08

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: C8J100124-001 **Prep Batch #...:** 8294184									
Mercury									
	3.5	0.200	6.28 NC	mg/kg			SW846 7471A	10/20/08	K0KA91A7
	3.5	0.200	4.50 NC	mg/kg			SW846 7471A	10/20/08	K0KA91A8

Dilution Factor: 10
Analysis Time..: 16:13 Instrument ID..: HGHYDRA Analyst ID.....: 401509
MS Run #.....: 8294107

NOTE(S):

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

NC The recovery and/or RPD were not calculated.

TestAmerica Pittsburgh

Metals Data Reporting Form

Initial Calibration Blank Results

Instrument: ICPST **Units:** ug/L

Chart Number: T81023D.ARC

Standard Source: _____ **Standard ID:** _____

Element	WL/ Mass	Report Limit	ICB1 10/23/2008 5:49 PM Found	Q	Found	Q	Found	Q	Found	Q	Found	Q
Aluminum	308.215	200	24.0	U								
Antimony	220.353	10	2.1	U								
Arsenic	189.042	10	2.9	U								
Barium	493.409	200	0.8	U								
Beryllium	313.042	4	**0.3**	**B**								
Cadmium	226.502	5	0.2	U								
Calcium	317.933	6000	**32.6**	**B**								
Chromium	267.716	5	0.6	U								
Cobalt	228.616	50	0.8	U								
Copper	324.753	25	2.6	U								
Iron	271.441	100	**13.5**	**B**								
Lead	220.353	3	1.6	U								
Magnesium	279.078	5000	20.9	U								
Manganese	257.61	15	0.6	U								
Nickel	231.604	40	1.4	U								
Potassium	766.491	5000	750.0	U								
Selenium	220.353	5	1.7	U								
Silver	328.068	200	0.7	U								
Sodium	330.232	5000	**-480.0**	**B**								
Thallium	190.864	10	3.1	U								
Vanadium	292.402	50	2.4	U								
Zinc	213.856	20	**2.6**	**B**								

TestAmerica Pittsburgh

Metals Data Reporting Form

Continuing Calibration Blank Result

Instrument: ICPST **Units:** ug/L

Chart Number: T81023D.ARC

Standard Source: _____ **Standard ID:** _____

Element	WL/ Mass	Report Limit	CCB1 10/23/2008 6:16 PM Found	Q	CCB2 10/23/2008 7:23 PM Found	Q	CCB3 10/23/2008 8:29 PM Found	Q	CCB4 10/23/2008 9:35 PM Found	Q	CCB5 10/23/2008 10:58 PM Found	Q
Aluminum	308.215	200	24.0	U	24.0	U	24.0	U	24.0	U	24.0	U
Antimony	220.353	10	2.1	U	2.1	U	2.1	U	2.1	U	2.1	U
Arsenic	189.042	10	2.9	U	2.9	U	2.9	U	2.9	U	2.9	U
Barium	493.409	200	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U
Beryllium	313.042	4	0.2	U	0.2	U	**0.4**	**B**	**0.3**	**B**	**0.5**	**B**
Cadmium	226.502	5	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
Calcium	317.933	6000	**26.9**	**B**	**23.5**	**B**	**21.4**	**B**	**20.3**	**B**	**19.0**	**B**
Chromium	267.716	5	0.6	U	**-0.7**	**B**	0.6	U	0.6	U	0.6	U
Cobalt	228.616	50	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U
Copper	324.753	25	2.6	U	2.6	U	2.6	U	2.6	U	2.6	U
Iron	271.441	100	12.9	U	12.9	U	**14.0**	**B**	**13.0**	**B**	12.9	U
Lead	220.353	3	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U
Magnesium	279.078	5000	20.9	U	20.9	U	20.9	U	20.9	U	20.9	U
Manganese	257.61	15	0.6	U	0.6	U	0.6	U	0.6	U	0.6	U
Nickel	231.604	40	1.4	U	1.4	U	1.4	U	1.4	U	1.4	U
Potassium	766.491	5000	750.0	U	750.0	U	750.0	U	750.0	U	750.0	U
Selenium	220.353	5	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U
Silver	328.068	200	0.7	U	0.7	U	0.7	U	0.7	U	0.7	U
Sodium	330.232	5000	**-480.0**	**B**	**-640.0**	**B**	**-470.0**	**B**	**-460.0**	**B**	**-480.0**	**B**
Thallium	190.864	10	3.1	U	3.1	U	3.1	U	3.1	U	3.1	U
Vanadium	292.402	50	2.4	U	2.4	U	2.4	U	2.4	U	2.4	U
Zinc	213.856	20	**1.9**	**B**	**2.1**	**B**	**3.6**	**B**	**3.2**	**B**	**3.1**	**B**

U Result is less than the MDL
B Result is between MDL and RL

Form 3 Equivalent

TestAmerica Pittsburgh

Metals Data Reporting Form

Continuing Calibration Blank Result

Instrument: ICPST **Units:** ug/L

Chart Number: T81023D.ARC

Standard Source: _____ **Standard ID:** _____

Element	WL/ Mass	Report Limit	CCB6 10/24/2008 12:04 AM Found	Q	Found	Q	Found	Q	Found	Q	Found	Q
Aluminum	308.215	200	24.0	U								
Antimony	220.353	10	2.1	U								
Arsenic	189.042	10	2.9	U								
Barium	493.409	200	0.8	U								
Beryllium	313.042	4	**0.5**	**B**								
Cadmium	226.502	5	0.2	U								
Calcium	317.933	6000	**19.8**	**B**								
Chromium	267.716	5	0.6	U								
Cobalt	228.616	50	0.8	U								
Copper	324.753	25	2.6	U								
Iron	271.441	100	12.9	U								
Lead	220.353	3	1.6	U								
Magnesium	279.078	5000	20.9	U								
Manganese	257.61	15	0.6	U								
Nickel	231.604	40	1.4	U								
Potassium	766.491	5000	750.0	U								
Selenium	220.353	5	1.7	U								
Silver	328.068	200	0.7	U								
Sodium	330.232	5000	**-550.0**	**B**								
Thallium	190.864	10	3.1	U								
Vanadium	292.402	50	2.4	U								
Zinc	213.856	20	**2.8**	**B**								

U Result is less than the MDL
B Result is between MDL and RL

Form 3 Equivalent

TestAmerica Pittsburgh

Metals Data Reporting Form

Continuing Calibration Blank Result

Instrument: CVAA **Units:** ug/L

Chart Number: G81020A.PRN

Standard Source: _____ **Standard ID:** _____

Element	WL/ Mass	Report Limit	CCB1 10/20/2008 1:40 PM Found	Q	CCB2 10/20/2008 1:59 PM Found	Q	CCB3 10/20/2008 2:19 PM Found	Q	CCB4 10/20/2008 2:40 PM Found	Q	CCB5 10/20/2008 3:00 PM Found	Q
Mercury	253.7	0.2	-0.1	B	-0.1	B	-0.1	B	-0.1	B	-0.1	B

5.22.0

U Result is less than the MDL
B Result is between MDL and RL

Form 3 Equivalent

TestAmerica Pittsburgh

Metals Data Reporting Form

Initial Calibration Blank Results

Instrument: CVAA **Units:** ug/L

Chart Number: G81020A.PRN

Standard Source: _____ **Standard ID:** _____

Element	WL/ Mass	Report Limit	ICB1 10/20/2008 1:35 PM Found	Q	Found	Q	Found	Q	Found	Q	Found	Q
Mercury	253.7	0.2	-0.1	B								

5.22.0

U Result is less than the MDL

B Result is between MDL and RL

Form 3 Equivalent

TestAmerica Pittsburgh

Metals Data Reporting Form

Continuing Calibration Blank Result

Instrument: CVAA **Units:** ug/L

Chart Number: G81020A.PRN

Standard Source: _____ **Standard ID:** _____

Element	WL/ Mass	Report Limit	CCB6 10/20/2008 3:20 PM Found	Q	CCB7 10/20/2008 3:41 PM Found	Q	CCB8 10/20/2008 4:03 PM Found	Q	CCB9 10/20/2008 4:18 PM Found	Q	Found	Q
Mercury	253.7	0.2	-0.1	B	-0.1	B	0.0	B	-0.1	B		

5.22.0

U Result is less than the MDL

B Result is between MDL and RL

Form 3 Equivalent

ENSR, Schenectady RI

Cyanide, Total

Lab Name:	TESTAMERICA PITTSBURGH	**Method:**	SW846 9012A
Client Name:	ENSR International	**Lot Number:**	C8J110000
Matrix:	SOLID	**Date/Time Received:**	10/9/2008 9:30:00AM

Client Sample ID	QC Sample Type	Workorder	Recovery (%)	Control Limits (%)	Prep Date - Analysis Date/Time	QC Batch	RPD / Limit (%)
CHECK SAMPLE	LCS	K0M9J1AC	84	38 - 162	10/11/200 - 10/13/2008 11:29	8285042	
SB45(20-22)	MS	K0KCL1A7	73 N	75 - 125	10/11/200 - 10/13/2008 12:09	8285042	9.8 / 20
SB45(20-22)	MSD	K0KCL1A8	85	75 - 125	10/11/200 - 10/13/2008 12:09	8285042	9.8 / 20

CASE NARRATIVE

ENSR
Schenectady RI

Lot # C8J110134

Sample Receiving:
TestAmerica's Pittsburgh laboratory received samples on October 11, 2008. The cooler was received within the proper temperature range.

If project specific QC was not required for samples contained in this report and batch QC was completed on these samples, anomalous results will be discussed below.

GC/MS Volatiles:
Due to the concentration of target compounds detected, sample SB36(10-12) was analyzed as medium level, methanol dilution.

GC/MS Semivolatiles:
Due to the concentration of target compounds detected, sample SB36(10-12) was analyzed at a dilution. The surrogates were diluted out.

Metals:
The method blank had analytes detected at concentrations between the MDL and the reporting limit. The results were flagged with a "B" qualifier. Any sample associated with a method blank that had the same analyte detected had the result flagged with a "J" qualifier.

General Chemistry:
There were no problems associated with the analysis.

C8J110134

Chain of Custody Record

№ 0202

The RETEC Group, Inc.
1001 W. Seneca Street, Suite 204 • Ithaca, NY 14850-3342
(607) 277-5716 Phone • (607) 277-9057 Fax
www.retec.com

RETEC

Project Name: SCHENECTADY MGP	Project Number:
Send Report To: JAMES EDWARDS	Sampler (Print Name): EDWARDS
Address: ABOVE	Sampler (Print Name):
	Shipment Method: FEDEX
	Airbill Number:
Phone:	Laboratory Receiving: TA PA
Fax:	

Page ____ of ____

Purchase Order #: _____

Field Sample ID	Sample Date	Sample Time	Sample Matrix	Number of Containers	Analysis Requested: TCL VOC 8260B	TCL SVOC 8270B	Total Cyanide	TAL Metals	Comments, Special Instructions, etc.	Lab Sample ID (to be completed by lab)
SB40 (14-16)	10.9.08	1220	Soil	3	X	X	X	X		
SB40 (50-52)	10.9.08	1650	Soil	3	X	X	X	X		
SB36 (10-12)	10.10.08	1100	Soil	3	X	X	X	X		

Relinquished by: (Signature) James D. Edwards	Received by: (Signature) FedEx	Date: 10.10.08	Time: 1700
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
Relinquished by: (Signature)	Received by: (Signature)	Date: 10/11/8	Time: 930

Sample Custodian Remarks (Completed By Laboratory):

QA/QC Level		Turnaround	
Level I	☐	Routine	☐
Level II	☐	24 Hour	☐
Level III	☐	1 Week	☐
Other	☐	Other ____	

Sample Receipt	
Total # Containers Received?	
COC Seals Present?	
COC Seals Intact?	
Received Containers Intact?	
Temperature?	

White: Lab Copy Yellow: PM Copy Pink: Field Copy Gold: PM/QA/QC Copy

6

(1 - 97)

Cooler Receipt Form

TestAmerica Pittsburgh

Client: ENSR Project: _____ Quote: 72910

Cooler Rec'd & Opened for Temp. Check on: 10/11/8

Coolers Opened and Unpacked on: 10/11/8 By: JO

(Signature)

TestAmerica Pittsburgh Lot Number: C8J110134

		Yes	No	NA
1.	Were custody seals on the outside of the cooler?		/	
	If YES, how many and where? Quantity __ Location			
	Were signatures and date correct?			
2.	Were custody papers included inside the cooler?	/		
3.	Were custody papers properly filled out (ink, signed, match labels)?	/		
4.	Did you sign the custody papers in the appropriate place?	/		
5.	Was shippers packing slip attached to this form?	/		
6.	Were packing materials used?	/		
	If YES, what type? BUBBLE WRAP			
7.	Were the samples received within the acceptable temperature range?	/		
8.	Were the samples appropriately preserved?	/		
9.	Were all bottles sealed in separate plastic bags?	/		
10.	Did all bottles arrive in good condition (unbroken)?	/		
11.	Were all bottle labels complete (sample ID, preservatives, etc.)?	/		
12.	Did all bottle labels and/or tags agree with custody papers?	/		
13.	Were correct bottles used for tests indicated?	/		
14.	Were all VOA vials checked for the presence of air bubbles?			/
15.	Was a sufficient amount of sample sent in each bottle?	/		

16. Samples received by: FEDEX UPS CLIENT DROP-OFF OTHER DHL US CARGO

Explain any discrepancies: _____

Level 2 Review _____

Was contacted on _____ by _____ to resolve discrepancies.

Cooler Receipt Form

TestAmerica Pittsburgh

P: Preserved
UP: Unpreserved

Sample ID	TMET PH<2	DMET PH<2	HG PH<2	NUT(1) PH<2	CN PH ≥12	OG TPHC PH<2	PHEN PH<2	SULF PH ≥12	TOC PH<2	TOX PH<2	VOA P/UP	hrdnss PH<2			

(1) "NUT" could include sample bottles for ammonia, chemical oxygen demand, nitrate/nitrite, TKN, or total phosphorus

Comments: _____

Cooler Number	Temperature*	Thermometer ID
1	2.9	1

*Acceptable Temperature Range: 4°C ± 2°C

Sample	Lot Number**

**Please use an asterisk if bottle lot number was covered by the label

If samples required preservation in the laboratory, the following lot number(s) was/were used:

Nitric Acid _____ Hydrochloric Acid _____

Sulfuric Acid _____ Sodium Hydroxide _____

TestAmerica Pittsburgh

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: hp4.i Injection Date: 16-OCT-2008 09:34
Lab File ID: 2C41016.D Init. Cal. Date(s): 07-OCT-2008 07-OCT-2008
Analysis Type: SOIL Init. Cal. Times: 10:36 13:26
Lab Sample ID: vstd40 Quant Type: ISTD
Method: \\PITSVR06\D\chem\hp4.i\4101608d.b\med500.m

COMPOUND	RRF / AMOUNT	RF40	CCAL RRF40	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE
$ 39 Dibromofluoromethane	0.22056	0.23518	0.23518	0.010	-6.62639	25.00000	Averaged
$ 43 1,2-Dichloroethane-d4	0.31611	0.31207	0.31207	0.010	1.27941	25.00000	Averaged
$ 59 Toluene-d8	4.00847	4.34183	4.34183	0.010	-8.31627	25.00000	Averaged
$ 80 Bromofluorobenzene	1.56988	1.55387	1.55387	0.010	1.01994	25.00000	Averaged
1 Dichlorodifluoromethane	0.33155	0.33396	0.33396	0.010	-0.72556	25.00000	Averaged
2 Chloromethane	0.46085	0.42834	0.42834	0.100	7.05252	25.00000	Averaged
3 Vinyl Chloride	0.32429	0.31492	0.31492	0.010	2.88951	20.00000	Averaged
4 Bromomethane	0.10891	0.12136	0.12136	0.010	-11.42737	25.00000	Averaged
5 Chloroethane	0.14661	0.13214	0.13214	0.010	9.86761	25.00000	Averaged
6 Trichlorofluoromethane	0.35157	0.36141	0.36141	0.010	-2.79976	25.00000	Averaged
10 1,1,2-trichloro-1,2,2-trifl	0.25658	0.23785	0.23785	0.010	7.29955	25.00000	Averaged
12 1,1-Dichloroethene	0.25509	0.23599	0.23599	0.010	7.48718	20.00000	Averaged
15 Carbon Disulfide	0.76512	0.73287	0.73287	0.010	4.21472	25.00000	Averaged
13 Acetone	200	125	0.06589	0.010	37.46656	0.000e+000	Quadratic
18 Methylene Chloride	0.26984	0.24832	0.24832	0.010	7.97421	25.00000	Averaged
19 trans-1,2-Dichloroethene	0.28063	0.26324	0.26324	0.010	6.19658	25.00000	Averaged
20 Methyl tert-butyl ether	0.64779	0.60031	0.60031	0.010	7.32933	25.00000	Averaged
24 1,1-Dichloroethane	0.50880	0.46237	0.46237	0.100	9.12565	25.00000	Averaged
27 2,2-Dichloropropane	0.34557	0.32310	0.32310	0.010	6.50262	25.00000	Averaged
28 cis-1,2-dichloroethene	0.28688	0.26825	0.26825	0.010	6.49212	25.00000	Averaged
M 29 1,2-Dichloroethene (total)	0.28375	0.26575	0.26575	0.010	6.34597	25.00000	Averaged
30 Bromochloromethane	0.13742	0.12535	0.12535	0.010	8.78703	25.00000	Averaged
31 2-Butanone	0.17095	0.13020	0.13020	0.010	23.83818	25.00000	Averaged
37 Chloroform	0.45071	0.41780	0.41780	0.010	7.30197	20.00000	Averaged
38 1,1,1-Trichloroethane	0.38922	0.37023	0.37023	0.010	4.87852	25.00000	Averaged
40 1,1-Dichloropropene	0.36856	0.34752	0.34752	0.010	5.70879	25.00000	Averaged
41 Carbon Tetrachloride	0.29114	0.29952	0.29952	0.010	-2.88002	25.00000	Averaged
42 Benzene	1.06357	0.99888	0.99888	0.010	6.08279	25.00000	Averaged
45 1,2-Dichloroethane	0.41150	0.34845	0.34845	0.010	15.32211	25.00000	Averaged
47 Trichloroethene	0.28512	0.26536	0.26536	0.010	6.93188	25.00000	Averaged
49 1,2-Dichloropropane	0.26856	0.24223	0.24223	0.010	9.80384	20.00000	Averaged
50 Dibromomethane	0.14535	0.12420	0.12420	0.010	14.55180	25.00000	Averaged
53 Bromodichloromethane	0.30181	0.29043	0.29043	0.010	3.77089	25.00000	Averaged
57 cis-1,3-Dichloropropene	0.39620	0.37295	0.37295	0.010	5.86730	25.00000	Averaged
58 4-Methyl-2-Pentanone	1.35039	1.30139	1.30139	0.010	3.62861	25.00000	Averaged
60 Toluene	4.79851	4.61213	4.61213	0.010	3.88422	20.00000	Averaged
61 trans-1,3-Dichloropropene	1.53991	1.48569	1.48569	0.010	3.52122	25.00000	Averaged
63 1,3-Dichloropropane	1.66027	1.51902	1.51902	0.010	8.50774	25.00000	Averaged
64 1,1,2-Trichloroethane	0.90795	0.86389	0.86389	0.010	4.85256	25.00000	Averaged
65 Tetrachloroethene	0.94299	0.94892	0.94892	0.010	-0.62959	25.00000	Averaged
66 2-Hexanone	0.91044	0.87190	0.87190	0.010	4.23351	25.00000	Averaged
67 Dibromochloromethane	0.78967	0.82255	0.82255	0.010	-4.16424	25.00000	Averaged
68 1,2-Dibromoethane	0.96824	0.88316	0.88316	0.010	8.78712	25.00000	Averaged

TestAmerica Pittsburgh

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: hp4.i Injection Date: 16-OCT-2008 09:34
Lab File ID: 2C41016.D Init. Cal. Date(s): 07-OCT-2008 07-OCT-2008
Analysis Type: SOIL Init. Cal. Times: 10:36 13:26
Lab Sample ID: vstd40 Quant Type: ISTD
Method: \\PITSVR06\D\chem\hp4.i\4101608d.b\med500.m

COMPOUND	RRF / AMOUNT	RF40	CCAL RRF40	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE	
70 Chlorobenzene	3.09462	2.90690	2.90690	0.300	6.06589	25.00000	Averaged	
71 1,1,1,2-Tetrachloroethane	0.96994	0.93067	0.93067	0.010	4.04846	25.00000	Averaged	
72 Ethylbenzene	1.75610	1.70965	1.70965	0.010	2.64504	20.00000	Averaged	
73 m + p-Xylene	2.12369	2.10890	2.10890	0.010	0.69658	25.00000	Averaged	
74 Xylene-o	2.06227	2.02297	2.02297	0.010	1.90532	25.00000	Averaged	
M 75 Xylenes (total)	2.10322	2.08026	2.08026	0.010	1.09165	25.00000	Averaged	
76 Styrene	3.50749	3.33033	3.33033	0.010	5.05098	25.00000	Averaged	
77 Bromoform	200	227	0.51983	0.100	-13.35383	0.000e+000	Quadratic	
78 Isopropylbenzene	5.56176	5.47086	5.47086	0.010	1.63428	25.00000	Averaged	
83 1,1,2,2-Tetrachloroethane	0.74209	0.63141	0.63141	0.300	14.91431	25.00000	Averaged	
84 1,2,3-Trichloropropane	0.24966	0.21920	0.21920	0.010	12.20163	25.00000	Averaged	
86 1,3,5-Trimethylbenzene	2.91920	2.57271	2.57271	0.010	11.86951	25.00000	Averaged	
88 1,2,4-Trimethylbenzene	2.98738	2.57938	2.57938	0.010	13.65726	25.00000	Averaged	
91 1,3-Dichlorobenzene	1.59910	1.40984	1.40984	0.010	11.83537	25.00000	Averaged	
93 1,4-Dichlorobenzene	1.65436	1.46004	1.46004	0.010	11.74565	25.00000	Averaged	
95 1,2-Dichlorobenzene	1.53389	1.35096	1.35096	0.010	11.92577	25.00000	Averaged	
96 1,2-Dibromo-3-chloropropane	0.12622	0.10452	0.10452	0.010	17.19292	25.00000	Averaged	
97 1,2,4-Trichlorobenzene	1.05203	0.81076	0.81076	0.010	22.93399	25.00000	Averaged	
99 Naphthalene	2.16455	1.47802	1.47802	0.010	31.71714	25.00000	Averaged	<-
100 1,2,3-Trichlorobenzene	0.83214	0.55684	0.55684	0.010	33.08367	25.00000	Averaged	<-
155 Methyl Acetate	0.26420	0.21006	0.21006	0.010	20.48978	25.00000	Averaged	
156 Cyclohexane	0.56384	0.55811	0.55811	0.010	1.01617	25.00000	Averaged	
157 Methyl Cyclohexane	0.51646	0.51799	0.51799	0.010	-0.29696	25.00000	Averaged	

TestAmerica Pittsburgh

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: hp3.i
Lab File ID: 1C31020N.D
Analysis Type: SOIL
Lab Sample ID: vstd40
Method: \\PITSVR06\D\chem\hp3.i\3102008n.b\8260bsoil.m

Injection Date: 20-OCT-2008 11:02
Init. Cal. Date(s): 01-OCT-2008 17-OCT-2008
Init. Cal. Times: 11:08 09:22
Quant Type: ISTD

COMPOUND	RRF / AMOUNT	RF40	CCAL RRF40	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE	
$ 39 Dibromofluoromethane	0.20123	0.22477	0.22477	0.010	-11.70297	25.00000	Averaged	
$ 43 1,2-Dichloroethane-d4	0.23626	0.26517	0.26517	0.010	-12.23828	25.00000	Averaged	
$ 59 Toluene-d8	3.72528	3.87392	3.87392	0.010	-3.99000	25.00000	Averaged	
$ 80 Bromofluorobenzene	1.58608	1.43655	1.43655	0.010	9.42804	25.00000	Averaged	
1 Dichlorodifluoromethane	0.19390	0.21862	0.21862	0.010	-12.74744	25.00000	Averaged	
2 Chloromethane	0.32405	0.33524	0.33524	0.100	-3.45151	25.00000	Averaged	
3 Vinyl Chloride	0.27391	0.26306	0.26306	0.010	3.96207	20.00000	Averaged	
4 Bromomethane	0.14184	0.15393	0.15393	0.010	-8.52142	25.00000	Averaged	
5 Chloroethane	0.13241	0.15236	0.15236	0.010	-15.06814	25.00000	Averaged	
166 Trichlorofluoromethane	0.24838	0.30495	0.30495	0.010	-22.77548	25.00000	Averaged	
10 1,1,2-trichloro-1,2,2-trifl	0.19215	0.12828	0.12828	0.010	33.23944	25.00000	Averaged	<-
12 1,1-Dichloroethene	0.21107	0.20476	0.20476	0.010	2.98754	20.00000	Averaged	
15 Carbon Disulfide	0.59009	0.58400	0.58400	0.010	1.03297	25.00000	Averaged	
13 Acetone	200	208	0.13684	0.010	-4.20512	0.000e+000	Quadratic	
18 Methylene Chloride	0.26108	0.19870	0.19870	0.010	23.89138	25.00000	Averaged	
19 trans-1,2-Dichloroethene	0.24764	0.24360	0.24360	0.010	1.62937	25.00000	Averaged	
20 Methyl tert-butyl ether	0.62435	0.62025	0.62025	0.010	0.65663	25.00000	Averaged	
24 1,1-Dichloroethane	0.45765	0.42353	0.42353	0.100	7.45454	25.00000	Averaged	
27 2,2-Dichloropropane	0.25372	0.25435	0.25435	0.010	-0.24644	25.00000	Averaged	
28 cis-1,2-dichloroethene	0.27532	0.26300	0.26300	0.010	4.47461	25.00000	Averaged	
M 29 1,2-Dichloroethene (total)	0.26148	0.25330	0.25330	0.010	3.12729	25.00000	Averaged	
30 Bromochloromethane	0.12592	0.12714	0.12714	0.010	-0.96960	25.00000	Averaged	
31 2-Butanone	0.21402	0.20800	0.20800	0.010	2.81528	25.00000	Averaged	
37 Chloroform	0.37333	0.36919	0.36919	0.010	1.11134	20.00000	Averaged	
38 1,1,1-Trichloroethane	0.31669	0.32021	0.32021	0.010	-1.11266	25.00000	Averaged	
40 1,1-Dichloropropene	0.31928	0.30475	0.30475	0.010	4.55241	25.00000	Averaged	
41 Carbon Tetrachloride	0.26995	0.26098	0.26098	0.010	3.32525	25.00000	Averaged	
42 Benzene	0.98368	0.93985	0.93985	0.010	4.45563	25.00000	Averaged	
45 1,2-Dichloroethane	0.34137	0.33831	0.33831	0.010	0.89686	25.00000	Averaged	
47 Trichloroethene	0.27646	0.27208	0.27208	0.010	1.58665	25.00000	Averaged	
49 1,2-Dichloropropane	0.26431	0.24119	0.24119	0.010	8.74771	20.00000	Averaged	
50 Dibromomethane	0.13086	0.12544	0.12544	0.010	4.13902	25.00000	Averaged	
53 Bromodichloromethane	0.28314	0.28477	0.28477	0.010	-0.57434	25.00000	Averaged	
57 cis-1,3-Dichloropropene	0.37517	0.36933	0.36933	0.010	1.55529	25.00000	Averaged	
58 4-Methyl-2-Pentanone	1.69588	1.76593	1.76593	0.010	-4.13099	25.00000	Averaged	
60 Toluene	4.49414	4.40151	4.40151	0.010	2.06111	20.00000	Averaged	
61 trans-1,3-Dichloropropene	1.38275	1.43178	1.43178	0.010	-3.54598	25.00000	Averaged	
63 1,3-Dichloropropane	1.47327	1.46144	1.46144	0.010	0.80284	25.00000	Averaged	
64 1,1,2-Trichloroethane	0.89255	0.87317	0.87317	0.010	2.17109	25.00000	Averaged	
65 Tetrachloroethene	0.96242	0.98663	0.98663	0.010	-2.51531	25.00000	Averaged	
66 2-Hexanone	1.26260	1.31024	1.31024	0.010	-3.77300	25.00000	Averaged	
67 Dibromochloromethane	0.85137	0.89787	0.89787	0.010	-5.46127	25.00000	Averaged	
68 1,2-Dibromoethane	0.88390	0.89921	0.89921	0.010	-1.73210	25.00000	Averaged	

TestAmerica Pittsburgh

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: hp3.i Injection Date: 20-OCT-2008 11:02
Lab File ID: 1C31020N.D Init. Cal. Date(s): 01-OCT-2008 17-OCT-2008
Analysis Type: SOIL Init. Cal. Times: 11:08 09:22
Lab Sample ID: vstd40 Quant Type: ISTD
Method: \\PITSVR06\D\chem\hp3.i\3102008n.b\8260bsoil.m

COMPOUND	RRF / AMOUNT	RF40	CCAL RRF40	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE	
70 Chlorobenzene	3.05144	3.07891	3.07891	0.300	-0.90046	25.00000	Averaged	
71 1,1,1,2-Tetrachloroethane	0.97980	1.03481	1.03481	0.010	-5.61482	25.00000	Averaged	
72 Ethylbenzene	1.74199	1.76731	1.76731	0.010	-1.45349	20.00000	Averaged	
73 m + p-Xylene	2.07681	2.08891	2.08891	0.010	-0.58272	25.00000	Averaged	
74 Xylene-o	2.08390	2.11775	2.11775	0.010	-1.62427	25.00000	Averaged	
76 Styrene	3.42499	3.47361	3.47361	0.010	-1.41967	25.00000	Averaged	
77 Bromoform	0.61141	0.64339	0.64339	0.100	-5.22945	25.00000	Averaged	
78 Isopropylbenzene	5.14352	5.31941	5.31941	0.010	-3.41958	25.00000	Averaged	
79 Bromobenzene	0.79097	0.77977	0.77977	0.010	1.41586	25.00000	Averaged	
81 n-Propylbenzene	0.97244	0.90044	0.90044	0.010	7.40352	25.00000	Averaged	
82 2-Chlorotoluene	0.79631	0.76342	0.76342	0.010	4.12961	25.00000	Averaged	
83 1,1,2,2-Tetrachloroethane	1.23365	1.15334	1.15334	0.300	6.50979	25.00000	Averaged	
84 1,2,3-Trichloropropane	0.26829	0.22982	0.22982	0.010	14.33997	25.00000	Averaged	
85 4-Chlorotoluene	0.78766	0.74870	0.74870	0.010	4.94642	25.00000	Averaged	
86 1,3,5-Trimethylbenzene	2.65240	2.56738	2.56738	0.010	3.20560	25.00000	Averaged	
87 tert-Butylbenzene	2.39270	2.38561	2.38561	0.010	0.29632	25.00000	Averaged	
88 1,2,4-Trimethylbenzene	2.63559	2.55771	2.55771	0.010	2.95500	25.00000	Averaged	
89 sec-Butylbenzene	3.45563	3.40014	3.40014	0.010	1.60598	25.00000	Averaged	
90 4-Isopropyltoluene	2.96852	2.94536	2.94536	0.010	0.78021	25.00000	Averaged	
91 1,3-Dichlorobenzene	1.58695	1.55994	1.55994	0.010	1.70238	25.00000	Averaged	
93 1,4-Dichlorobenzene	1.63063	1.56946	1.56946	0.010	3.75143	25.00000	Averaged	
94 n-Butylbenzene	2.62001	2.50221	2.50221	0.010	4.49615	25.00000	Averaged	
95 1,2-Dichlorobenzene	1.50487	1.46690	1.46690	0.010	2.52322	25.00000	Averaged	
96 1,2-Dibromo-3-chloropropane	200	173	0.17347	0.010	13.71633	0.000e+000	Quadratic	
97 1,2,4-Trichlorobenzene	1.10886	1.09847	1.09847	0.010	0.93646	25.00000	Averaged	
98 Hexachlorobutadiene	0.56698	0.55802	0.55802	0.010	1.58184	25.00000	Averaged	
99 Naphthalene	2.73222	2.52649	2.52649	0.010	7.52986	25.00000	Averaged	
100 1,2,3-Trichlorobenzene	1.00430	0.97801	0.97801	0.010	2.61747	25.00000	Averaged	
156 Methyl Acetate	0.30833	0.23071	0.23071	0.010	25.17424	25.00000	Averaged	<-
157 Cyclohexane	0.56134	0.49572	0.49572	0.010	11.69008	25.00000	Averaged	
158 Methyl Cyclohexane	0.50172	0.47634	0.47634	0.010	5.05860	25.00000	Averaged	
M 75 Xylenes (total)	2.07918	2.09853	2.09853	0.010	-0.93069	25.00000	Averaged	

TestAmerica Pittsburgh

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: hp3.i Injection Date: 21-OCT-2008 07:23
Lab File ID: CC31021.D Init. Cal. Date(s): 01-OCT-2008 17-OCT-2008
Analysis Type: SOIL Init. Cal. Times: 11:08 09:22
Lab Sample ID: vstd40 Quant Type: ISTD
Method: \\PITSVR06\D\chem\hp3.i\3102108d.b\8260bsoil.m

COMPOUND	RRF / AMOUNT	RF40	CCAL RRF40	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE	
$ 39 Dibromofluoromethane	0.20123	0.23019	0.23019	0.010	-14.39600	25.00000	Averaged	
$ 43 1,2-Dichloroethane-d4	0.23626	0.26109	0.26109	0.010	-10.50903	25.00000	Averaged	
$ 59 Toluene-d8	3.72528	3.92412	3.92412	0.010	-5.33758	25.00000	Averaged	
$ 80 Bromofluorobenzene	1.58608	1.38542	1.38542	0.010	12.65118	25.00000	Averaged	
1 Dichlorodifluoromethane	0.19390	0.26427	0.26427	0.010	-36.28870	25.00000	Averaged	<-
2 Chloromethane	0.32405	0.29633	0.29633	0.100	8.55507	25.00000	Averaged	
3 Vinyl Chloride	0.27391	0.26630	0.26630	0.010	2.78022	20.00000	Averaged	
4 Bromomethane	0.14184	0.16814	0.16814	0.010	-18.54092	25.00000	Averaged	
5 Chloroethane	0.13241	0.16984	0.16984	0.010	-28.26756	25.00000	Averaged	<-
166 Trichlorofluoromethane	0.24838	0.40356	0.40356	0.010	-62.47813	25.00000	Averaged	<-
10 1,1,2-trichloro-1,2,2-trifl	0.19215	0.19996	0.19996	0.010	-4.06451	25.00000	Averaged	
12 1,1-Dichloroethene	0.21107	0.20282	0.20282	0.010	3.90702	20.00000	Averaged	
15 Carbon Disulfide	0.59009	0.59896	0.59896	0.010	-1.50251	25.00000	Averaged	
13 Acetone	200	112	0.08540	0.010	43.92856	0.000e+000	Quadratic	
17 Acetonitrile	0.04683	0.01662	0.01662	0.001	64.49676	25.00000	Averaged	<- NA
18 Methylene Chloride	0.26108	0.22956	0.22956	0.010	12.07225	25.00000	Averaged	
19 trans-1,2-Dichloroethene	0.24764	0.25696	0.25696	0.010	-3.76442	25.00000	Averaged	
20 Methyl tert-butyl ether	0.62435	0.57638	0.57638	0.010	7.68242	25.00000	Averaged	
24 1,1-Dichloroethane	0.45765	0.44170	0.44170	0.100	3.48550	25.00000	Averaged	
27 2,2-Dichloropropane	0.25372	0.31573	0.31573	0.010	-24.44047	25.00000	Averaged	
28 cis-1,2-dichloroethene	0.27532	0.26543	0.26543	0.010	3.59072	25.00000	Averaged	
M 29 1,2-Dichloroethene (total)	0.26148	0.26120	0.26120	0.010	0.10781	25.00000	Averaged	
30 Bromochloromethane	0.12592	0.12489	0.12489	0.010	0.81821	25.00000	Averaged	
31 2-Butanone	0.21402	0.11679	0.11679	0.010	45.43295	25.00000	Averaged	<-
37 Chloroform	0.37333	0.39591	0.39591	0.010	-6.04616	20.00000	Averaged	
38 1,1,1-Trichloroethane	0.31669	0.36870	0.36870	0.010	-16.42438	25.00000	Averaged	
40 1,1-Dichloropropene	0.31928	0.32070	0.32070	0.010	-0.44254	25.00000	Averaged	
41 Carbon Tetrachloride	0.26995	0.31265	0.31265	0.010	-15.81630	25.00000	Averaged	
42 Benzene	0.98368	0.94060	0.94060	0.010	4.37943	25.00000	Averaged	
45 1,2-Dichloroethane	0.34137	0.33933	0.33933	0.010	0.59818	25.00000	Averaged	
47 Trichloroethene	0.27646	0.27883	0.27883	0.010	-0.85502	25.00000	Averaged	
49 1,2-Dichloropropane	0.26431	0.23229	0.23229	0.010	12.11194	20.00000	Averaged	
50 Dibromomethane	0.13086	0.11576	0.11576	0.010	11.53309	25.00000	Averaged	
53 Bromodichloromethane	0.28314	0.27956	0.27956	0.010	1.26622	25.00000	Averaged	
57 cis-1,3-Dichloropropene	0.37517	0.34203	0.34203	0.010	8.83376	25.00000	Averaged	
58 4-Methyl-2-Pentanone	1.59588	1.04649	1.04649	0.010	38.29206	25.00000	Averaged	<-
60 Toluene	4.49414	4.34922	4.34922	0.010	3.22483	20.00000	Averaged	
61 trans-1,3-Dichloropropene	1.38275	1.27151	1.27151	0.010	8.04477	25.00000	Averaged	
63 1,3-Dichloropropane	1.47327	1.27938	1.27938	0.010	13.16062	25.00000	Averaged	
64 1,1,2-Trichloroethane	0.89255	0.75640	0.75640	0.010	15.25394	25.00000	Averaged	
65 Tetrachloroethene	0.96242	1.03281	1.03281	0.010	-7.31335	25.00000	Averaged	
66 2-Hexanone	1.26260	0.71459	0.71459	0.010	43.40334	25.00000	Averaged	<-
67 Dibromochloromethane	0.85137	0.83797	0.83797	0.010	1.57353	25.00000	Averaged	

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CONTINUING CALIBRATION COMPOUNDS

Instrument ID: hp3.i Injection Date: 21-OCT-2008 07:23
Lab File ID: CC31021.D Init. Cal. Date(s): 01-OCT-2008 17-OCT-2008
Analysis Type: SOIL Init. Cal. Times: 11:08 09:22
Lab Sample ID: vstd40 Quant Type: ISTD
Method: \\PITSVR06\D\chem\hp3.i\3102108d.b\8260bsoil.m

COMPOUND	RRF / AMOUNT	RF40	CCAL RRF40	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE	
68 1,2-Dibromoethane	0.88390	0.73824	0.73824	0.010	16.47909	25.00000	Averaged	
70 Chlorobenzene	3.05144	3.02495	3.02495	0.300	0.86807	25.00000	Averaged	
71 1,1,1,2-Tetrachloroethane	0.97980	1.08234	1.08234	0.010	-10.46571	25.00000	Averaged	
72 Ethylbenzene	1.74199	1.76630	1.76630	0.010	-1.39543	20.00000	Averaged	
73 m + p-Xylene	2.07681	2.08386	2.08386	0.010	-0.33959	25.00000	Averaged	
74 Xylene-o	2.08390	2.16353	2.16353	0.010	-3.82114	25.00000	Averaged	
76 Styrene	3.42499	3.37490	3.37490	0.010	1.46225	25.00000	Averaged	
77 Bromoform	0.61141	0.58317	0.58317	0.100	4.61921	25.00000	Averaged	
78 Isopropylbenzene	5.14352	5.51479	5.51479	0.010	-7.21813	25.00000	Averaged	
79 Bromobenzene	0.79097	0.81276	0.81276	0.010	-2.75582	25.00000	Averaged	
81 n-Propylbenzene	0.97244	0.98246	0.98246	0.010	-1.03065	25.00000	Averaged	
82 2-Chlorotoluene	0.79631	0.79746	0.79746	0.010	-0.14540	25.00000	Averaged	
83 1,1,2,2-Tetrachloroethane	1.23365	0.91540	0.91540	0.300	25.79746	25.00000	Averaged	<-
84 1,2,3-Trichloropropane	0.26829	0.20002	0.20002	0.010	25.44554	25.00000	Averaged	<-
85 4-Chlorotoluene	0.78766	0.77158	0.77158	0.010	2.04149	25.00000	Averaged	
86 1,3,5-Trimethylbenzene	2.65240	2.78295	2.78295	0.010	-4.92195	25.00000	Averaged	
87 tert-Butylbenzene	2.39270	2.55344	2.55344	0.010	-6.71787	25.00000	Averaged	
88 1,2,4-Trimethylbenzene	2.63559	2.66376	2.66376	0.010	-1.06890	25.00000	Averaged	
89 sec-Butylbenzene	3.45563	3.60624	3.60624	0.010	-4.35846	25.00000	Averaged	
90 4-Isopropyltoluene	2.96852	3.13209	3.13209	0.010	-5.51001	25.00000	Averaged	
91 1,3-Dichlorobenzene	1.58695	1.56475	1.56475	0.010	1.39912	25.00000	Averaged	
93 1,4-Dichlorobenzene	1.63063	1.58814	1.58814	0.010	2.60570	25.00000	Averaged	
94 n-Butylbenzene	2.62001	2.57504	2.57504	0.010	1.71620	25.00000	Averaged	
95 1,2-Dichlorobenzene	1.50487	1.46023	1.46023	0.010	2.96639	25.00000	Averaged	
96 1,2-Dibromo-3-chloropropane	200	132	0.13301	0.010	33.99124	0.000e+000	Quadratic	
97 1,2,4-Trichlorobenzene	1.10886	1.04607	1.04607	0.010	5.66205	25.00000	Averaged	
98 Hexachlorobutadiene	0.56698	0.58387	0.58387	0.010	-2.97849	25.00000	Averaged	
99 Naphthalene	2.73222	1.96751	1.96751	0.010	27.98853	25.00000	Averaged	<-
100 1,2,3-Trichlorobenzene	1.00430	0.88263	0.88263	0.010	12.11435	25.00000	Averaged	
156 Methyl Acetate	0.30833	0.17937	0.17937	0.010	41.82608	25.00000	Averaged	<-
157 Cyclohexane	0.56134	0.52409	0.52409	0.010	6.63639	25.00000	Averaged	
158 Methyl Cyclohexane	0.50172	0.50155	0.50155	0.010	0.03321	25.00000	Averaged	
165 1,3,5-Trichlorobenzene	1.29548	1.30266	1.30266	0.010	-0.55381	50.00000	Averaged	
M 75 Xylenes (total)	2.07918	2.11042	2.11042	0.010	-1.50274	25.00000	Averaged	

Test America Pittsburgh

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: 722.i
Lab File ID: F10170C1.D
Analysis Type:
Lab Sample ID: sstd4
Method: \\PITSVR06\d\chem\722.i\101708.b\LL.m

Injection Date: 17-OCT-2008 04:53
Init. Cal. Date(s): 02-OCT-2008 03-OCT-2008
Init. Cal. Times: 06:10 17:49
Quant Type: ISTD

COMPOUND	RRF / AMOUNT	RF4	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE	
198 1,4-Dioxane	0.23811	0.21518	0.010	9.62831	25.00000	Averaged	
220 Benzaldehyde	0.90190	0.96676	0.010	-7.19227	25.00000	Averaged	
10 N-Nitrosodimethylamine	0.52154	0.57895	0.010	-11.00687	25.00000	Averaged	
9 Pyridine	0.95400	1.01170	0.010	-6.04789	25.00000	Averaged	
16 Methyl methanesulfonate	0.61006	0.59311	0.010	2.77883	25.00000	Averaged	
21 Aniline	1.88706	1.68275	0.010	10.82692	25.00000	Averaged	
22 Phenol	1.67811	1.56863	0.010	6.52390	20.00000	Averaged	
23 bis(2-Chloroethyl)ether	1.23953	1.26952	0.010	-2.41918	25.00000	Averaged	
24 2-Chlorophenol	1.38141	1.39966	0.010	-1.32136	25.00000	Averaged	
26 1,3-Dichlorobenzene	1.58751	1.59415	0.010	-0.41825	25.00000	Averaged	
27 1,4-Dichlorobenzene	1.62361	1.66657	0.010	-2.64625	20.00000	Averaged	
28 1,2-Dichlorobenzene	1.54125	1.55306	0.010	-0.76632	25.00000	Averaged	
29 Benzyl Alcohol	0.88072	0.58222	0.010	33.89321	25.00000	Averaged	<-
30 2-Methylphenol	1.24791	1.27853	0.010	-2.45336	25.00000	Averaged	
31 2,2'-oxybis(1-Chloropropane	2.00620	2.07932	0.010	-3.64440	25.00000	Averaged	
37 Acetophenone	1.78663	1.74445	0.010	2.36085	25.00000	Averaged	
32 N-Nitroso-di-n-propylamine	0.89473	0.91568	0.050	-2.34155	25.00000	Averaged	
192 4-Methylphenol	1.30182	1.26713	0.010	2.66482	25.00000	Averaged	
34 Hexachloroethane	0.62744	0.62317	0.010	0.67963	25.00000	Averaged	
35 Nitrobenzene	0.35136	0.35253	0.010	-0.33496	25.00000	Averaged	
41 Isophorone	0.59487	0.59803	0.010	-0.53217	25.00000	Averaged	
42 2-Nitrophenol	0.19699	0.18832	0.010	4.40113	20.00000	Averaged	
43 2,4-Dimethylphenol	0.31983	0.33255	0.010	-3.97458	25.00000	Averaged	
44 bis(2-Chloroethoxy)methane	0.36582	0.37618	0.010	-2.83225	25.00000	Averaged	
48 2,4-Dichlorophenol	0.29177	0.28595	0.010	1.99220	20.00000	Averaged	
49 Benzoic Acid	0.14148	0.07793	0.010	44.91416	25.00000	Averaged	<-
50 1,2,4-Trichlorobenzene	0.33074	0.32245	0.010	2.50616	25.00000	Averaged	
51 Naphthalene	0.97268	0.99729	0.010	-2.52970	25.00000	Averaged	
52 4-Chloroaniline	0.42161	0.38934	0.010	7.65331	25.00000	Averaged	
54 2,6-Dichlorophenol	0.30465	0.30293	0.010	0.56513	25.00000	Averaged	
56 Hexachlorobutadiene	0.18742	0.18700	0.010	0.22572	20.00000	Averaged	
221 Caprolactam	0.09205	0.08532	0.010	7.31847	25.00000	Averaged	
59 4-Chloro-3-Methylphenol	0.28239	0.27052	0.010	4.20547	20.00000	Averaged	
62 2-Methylnaphthalene	0.67746	0.66458	0.010	1.90126	25.00000	Averaged	
205 1-Methylnaphthalene	0.66622	0.64712	0.010	2.86689	25.00000	Averaged	
64 Hexachlorocyclopentadiene	0.36352	0.23872	0.050	34.32972	25.00000	Averaged	<-
66 2,4,6-Trichlorophenol	0.37576	0.35121	0.010	6.53484	20.00000	Averaged	
67 2,4,5-Trichlorophenol	0.39576	0.38074	0.010	3.79468	25.00000	Averaged	
222 1,1'-Biphenyl	1.44811	1.39385	0.010	3.74693	25.00000	Averaged	
70 2-Chloronaphthalene	1.13103	1.07805	0.010	4.68412	25.00000	Averaged	
73 2-Nitroaniline	0.34197	0.30505	0.010	10.79602	25.00000	Averaged	
76 Dimethylphthalate	1.15339	1.14531	0.010	0.70015	25.00000	Averaged	

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CONTINUING CALIBRATION COMPOUNDS

Instrument ID: 722.i Injection Date: 17-OCT-2008 04:53
Lab File ID: F10170C1.D Init. Cal. Date(s): 02-OCT-2008 03-OCT-2008
Analysis Type: Init. Cal. Times: 06:10 17:49
Lab Sample ID: sstd4 Quant Type: ISTD
Method: \\PITSVR06\d\chem\722.i\101708.b\LL.m

COMPOUND	RRF / AMOUNT	RF4	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE	
78 2,6-Dinitrotoluene	0.26224	0.24753	0.010	5.61023	25.00000	Averaged	
79 Acenaphthylene	1.72581	1.70132	0.010	1.41898	25.00000	Averaged	
81 3-Nitroaniline	0.30769	0.27833	0.010	9.54189	25.00000	Averaged	
82 Acenaphthene	1.09609	1.02514	0.010	6.47276	20.00000	Averaged	
83 2,4-Dinitrophenol	0.12405	0.10276	0.050	17.15770	25.00000	Averaged	
85 4-Nitrophenol	0.16971	0.15749	0.050	7.19986	25.00000	Averaged	
86 Dibenzofuran	1.51307	1.50437	0.010	0.57487	25.00000	Averaged	
87 2,4-Dinitrotoluene	0.34119	0.33997	0.010	0.35675	25.00000	Averaged	
91 2,3,5,6-Tetrachlorophenol	0.28569	0.24713	0.010	13.49718	25.00000	Averaged	
88 2,3,4,6-Tetrachlorophenol	0.30266	0.25372	0.010	16.17054	25.00000	Averaged	
92 2-Naphthylamine	0.72963	0.32039	0.010	56.08896	25.00000	Averaged	<-NA FAB 10/17/08
93 Diethylphthalate	1.17136	1.15814	0.010	1.12799	25.00000	Averaged	
94 Fluorene	1.23192	1.16617	0.010	5.33673	25.00000	Averaged	
95 4-Chlorophenyl-phenylether	0.59048	0.57509	0.010	2.60553	25.00000	Averaged	
96 4-Nitroaniline	0.30971	0.26883	0.010	13.19920	25.00000	Averaged	
98 4,6-Dinitro-2-methylphenol	0.10959	0.11288	0.010	-2.99714	25.00000	Averaged	
99 N-Nitrosodiphenylamine	0.55357	0.57714	0.010	-4.25758	20.00000	Averaged	
100 1,2-Diphenylhydrazine	0.76329	0.80533	0.010	-5.50833	25.00000	Averaged	
106 4-Bromophenyl-phenylether	0.19713	0.20470	0.010	-3.83954	25.00000	Averaged	
107 Hexachlorobenzene	0.20784	0.22707	0.010	-9.25295	25.00000	Averaged	
223 Atrazine	0.17146	0.13586	0.010	20.76585	25.00000	Averaged	
111 Pentachlorophenol	0.13781	0.13107	0.025	4.89377	20.00000	Averaged	
115 Phenanthrene	1.00450	1.03362	0.010	-2.89868	25.00000	Averaged	
116 Anthracene	1.02069	1.03997	0.010	-1.88812	25.00000	Averaged	
119 Carbazole	0.90389	0.92566	0.010	-2.40909	25.00000	Averaged	
120 Di-n-Butylphthalate	1.14292	1.21056	0.010	-5.91850	25.00000	Averaged	
123 Fluoranthene	1.00046	0.93715	0.010	6.32874	20.00000	Averaged	
124 Benzidine	0.54653	0.26592	0.010	51.34308	25.00000	Averaged	<-FAB 10/17/08 NA
125 Pyrene	1.37165	1.53312	0.010	-11.77211	25.00000	Averaged	
131 Butylbenzylphthalate	0.65105	0.69577	0.010	-6.86917	25.00000	Averaged	
135 3,3'-Dichlorobenzidine	0.44009	0.36038	0.010	18.11198	25.00000	Averaged	
136 Benzo(a)Anthracene	1.17485	1.11540	0.010	5.06039	25.00000	Averaged	
137 Chrysene	1.11545	1.02580	0.010	8.03748	25.00000	Averaged	
139 bis(2-ethylhexyl)Phthalate	0.87296	0.90348	0.010	-3.49535	25.00000	Averaged	
140 Di-n-octylphthalate	1.77611	1.95564	0.010	-10.10791	20.00000	Averaged	
141 Benzo(b)fluoranthene	1.45753	1.35025	0.010	7.36023	25.00000	Averaged	
142 Benzo(k)fluoranthene	1.51485	1.38401	0.010	8.63724	25.00000	Averaged	
143 7,12-dimethylbenz(a)anthrac	0.68886	0.60742	0.010	11.82213	25.00000	Averaged	
146 Benzo(a)pyrene	1.22683	1.12843	0.010	8.02050	20.00000	Averaged	
149 Indeno(1,2,3-cd)pyrene	1.46167	1.37062	0.010	6.22888	25.00000	Averaged	
150 Dibenz(a,h)anthracene	1.19272	1.13879	0.010	4.52145	25.00000	Averaged	
151 Benzo(g,h,i)perylene	1.21772	1.15607	0.010	5.06295	25.00000	Averaged	

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CONTINUING CALIBRATION COMPOUNDS

Instrument ID: 722.i Injection Date: 17-OCT-2008 04:53
Lab File ID: F10170C1.D Init. Cal. Date(s): 02-OCT-2008 03-OCT-2008
Analysis Type: Init. Cal. Times: 06:10 17:49
Lab Sample ID: sstd4 Quant Type: ISTD
Method: \\PITSVR06\d\chem\722.i\101708.b\LL.m

COMPOUND	RRF / AMOUNT	RF4	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE
$ 154 Nitrobenzene-d5	0.35526	0.34722	0.010	2.26242	25.00000	Averaged
$ 155 2-Fluorobiphenyl	1.23954	1.20511	0.010	2.77774	25.00000	Averaged
$ 156 Terphenyl-d14	0.90124	0.91538	0.010	-1.56887	25.00000	Averaged
$ 157 Phenol-d5	1.49565	1.55153	0.010	-3.73648	25.00000	Averaged
$ 158 2-Fluorophenol	1.16001	1.18819	0.010	-2.42910	25.00000	Averaged
$ 159 2,4,6-Tribromophenol	0.09086	0.09403	0.010	-3.48795	25.00000	Averaged
$ 186 2-Chlorophenol-d4	1.45548	1.48147	0.010	-1.78566	25.00000	Averaged
$ 187 1,2-Dichlorobenzene-d4	0.98743	0.99856	0.010	-1.12787	25.00000	Averaged

Test America Pittsburgh

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: 722.i Injection Date: 21-OCT-2008 05:12
Lab File ID: F10210C1.D Init. Cal. Date(s): 02-OCT-2008 03-OCT-2008
Analysis Type: Init. Cal. Times: 06:10 17:49
Lab Sample ID: sstd4 Quant Type: ISTD
Method: \\PITSVR06\d\chem\722.i\102108.b\LL.m

COMPOUND	RRF / AMOUNT	RF4	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE	
198 1,4-Dioxane	0.23811	0.16966	0.010	28.74660	25.00000	Averaged	<-
220 Benzaldehyde	0.90190	0.95141	0.010	-5.48957	25.00000	Averaged	
10 N-Nitrosodimethylamine	0.52154	0.61961	0.010	-18.80286	25.00000	Averaged	
9 Pyridine	0.95400	0.90469	0.010	5.16901	25.00000	Averaged	
16 Methyl methanesulfonate	0.61006	0.48580	0.010	20.36912	25.00000	Averaged	
21 Aniline	1.88706	1.58425	0.010	16.04655	25.00000	Averaged	
22 Phenol	1.67811	1.58220	0.010	5.71546	20.00000	Averaged	
23 bis(2-Chloroethyl)ether	1.23953	1.21922	0.010	1.63864	25.00000	Averaged	
24 2-Chlorophenol	1.38141	1.35711	0.010	1.75894	25.00000	Averaged	
26 1,3-Dichlorobenzene	1.58751	1.59439	0.010	-0.43380	25.00000	Averaged	
27 1,4-Dichlorobenzene	1.62361	1.64004	0.010	-1.01231	20.00000	Averaged	
28 1,2-Dichlorobenzene	1.54125	1.53397	0.010	0.47233	25.00000	Averaged	
29 Benzyl Alcohol	0.88072	0.45556	0.010	48.27384	25.00000	Averaged	<-
30 2-Methylphenol	1.24791	1.16654	0.010	6.52034	25.00000	Averaged	
31 2,2'-oxybis(1-Chloropropane	2.00620	2.05567	0.010	-2.46567	25.00000	Averaged	
37 Acetophenone	1.78663	1.73075	0.010	3.12740	25.00000	Averaged	
32 N-Nitroso-di-n-propylamine	0.89473	0.81921	0.050	8.44147	25.00000	Averaged	
192 4-Methylphenol	1.30182	1.20202	0.010	7.66594	25.00000	Averaged	
34 Hexachloroethane	0.62744	0.59137	0.010	5.74765	25.00000	Averaged	
35 Nitrobenzene	0.35136	0.34601	0.010	1.52237	25.00000	Averaged	
41 Isophorone	0.59487	0.56409	0.010	5.17320	25.00000	Averaged	
42 2-Nitrophenol	0.19699	0.17722	0.010	10.03250	20.00000	Averaged	
43 2,4-Dimethylphenol	0.31983	0.32060	0.010	-0.23831	25.00000	Averaged	
44 bis(2-Chloroethoxy)methane	0.36582	0.36559	0.010	0.06182	25.00000	Averaged	
48 2,4-Dichlorophenol	0.29177	0.27112	0.010	7.07581	20.00000	Averaged	
49 Benzoic Acid	0.14148	0.04232	0.010	70.08420	25.00000	Averaged	<-
50 1,2,4-Trichlorobenzene	0.33074	0.32268	0.010	2.43453	25.00000	Averaged	
51 Naphthalene	0.97268	0.97453	0.010	-0.19033	25.00000	Averaged	
52 4-Chloroaniline	0.42161	0.37896	0.010	10.11471	25.00000	Averaged	
54 2,6-Dichlorophenol	0.30465	0.29736	0.010	2.39323	25.00000	Averaged	
56 Hexachlorobutadiene	0.18742	0.17658	0.010	5.78792	20.00000	Averaged	
221 Caprolactam	0.09205	0.10100	0.010	-9.72241	25.00000	Averaged	
59 4-Chloro-3-Methylphenol	0.28239	0.25958	0.010	8.07969	20.00000	Averaged	
62 2-Methylnaphthalene	0.67746	0.64177	0.010	5.26711	25.00000	Averaged	
205 1-Methylnaphthalene	0.66622	0.64176	0.010	3.67081	25.00000	Averaged	
64 Hexachlorocyclopentadiene	0.36352	0.17987	0.050	50.51946	25.00000	Averaged	<-
66 2,4,6-Trichlorophenol	0.37576	0.33120	0.010	11.85938	20.00000	Averaged	
67 2,4,5-Trichlorophenol	0.39576	0.37329	0.010	5.67647	25.00000	Averaged	
222 1,1'-Biphenyl	1.44811	1.42893	0.010	1.32446	25.00000	Averaged	
70 2-Chloronaphthalene	1.13103	1.11587	0.010	1.34030	25.00000	Averaged	
73 2-Nitroaniline	0.34197	0.31254	0.010	8.60713	25.00000	Averaged	
76 Dimethylphthalate	1.15339	1.09713	0.010	4.87795	25.00000	Averaged	

Test America Pittsburgh

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: 722.i Injection Date: 21-OCT-2008 05:12
Lab File ID: F10210C1.D Init. Cal. Date(s): 02-OCT-2008 03-OCT-2008
Analysis Type: Init. Cal. Times: 06:10 17:49
Lab Sample ID: sstd4 Quant Type: ISTD
Method: \\PITSVR06\d\chem\722.i\102108.b\LL.m

COMPOUND	RRF / AMOUNT	RF4	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE	
78 2,6-Dinitrotoluene	0.26224	0.25143	0.010	4.12220	25.00000	Averaged	
79 Acenaphthylene	1.72581	1.69143	0.010	1.99188	25.00000	Averaged	
81 3-Nitroaniline	0.30769	0.28652	0.010	6.88103	25.00000	Averaged	
82 Acenaphthene	1.09609	1.03958	0.010	5.15610	20.00000	Averaged	
83 2,4-Dinitrophenol	0.12405	0.07564	0.050	39.02531	25.00000	Averaged	<-
85 4-Nitrophenol	0.16971	0.16904	0.050	0.39447	25.00000	Averaged	
86 Dibenzofuran	1.51307	1.48980	0.010	1.53815	25.00000	Averaged	
87 2,4-Dinitrotoluene	0.34119	0.32607	0.010	4.42980	25.00000	Averaged	
91 2,3,5,6-Tetrachlorophenol	0.28569	0.24067	0.010	15.75842	25.00000	Averaged	
88 2,3,4,6-Tetrachlorophenol	0.30266	0.27745	0.010	8.32816	25.00000	Averaged	
92 2-Naphthylamine	0.72963	0.38440	0.010	47.31637	25.00000	Averaged	<-
93 Diethylphthalate	1.17136	1.11483	0.010	4.82559	25.00000	Averaged	
94 Fluorene	1.23192	1.14168	0.010	7.32521	25.00000	Averaged	
95 4-Chlorophenyl-phenylether	0.59048	0.56777	0.010	3.84667	25.00000	Averaged	
96 4-Nitroaniline	0.30971	0.28418	0.010	8.24336	25.00000	Averaged	
98 4,6-Dinitro-2-methylphenol	0.10959	0.10120	0.010	7.65533	25.00000	Averaged	
99 N-Nitrosodiphenylamine	0.55357	0.55757	0.010	-0.72239	20.00000	Averaged	
100 1,2-Diphenylhydrazine	0.76329	0.75133	0.020	1.56704	25.00000	Averaged	
106 4-Bromophenyl-phenylether	0.19713	0.18866	0.010	4.29611	25.00000	Averaged	
107 Hexachlorobenzene	0.20784	0.20329	0.010	2.19106	25.00000	Averaged	
223 Atrazine	0.17146	0.12884	0.010	24.86034	25.00000	Averaged	
111 Pentachlorophenol	0.13781	0.12909	0.025	6.32993	20.00000	Averaged	
115 Phenanthrene	1.00450	0.96825	0.010	3.60864	25.00000	Averaged	
116 Anthracene	1.02069	0.98951	0.010	3.05545	25.00000	Averaged	
119 Carbazole	0.90389	0.91072	0.010	-0.75566	25.00000	Averaged	
120 Di-n-Butylphthalate	1.14292	1.14072	0.010	0.19205	25.00000	Averaged	
123 Fluoranthene	1.00046	0.95734	0.010	4.31057	20.00000	Averaged	
124 Benzidine	0.54653	0.41224	0.010	24.57141	25.00000	Averaged	
125 Pyrene	1.37165	1.22795	0.010	10.47668	25.00000	Averaged	
131 Butylbenzylphthalate	0.65105	0.66504	0.010	-2.14964	25.00000	Averaged	
135 3,3'-Dichlorobenzidine	0.44009	0.38722	0.010	12.01476	25.00000	Averaged	
136 Benzo(a)Anthracene	1.17485	1.11828	0.010	4.81496	25.00000	Averaged	
137 Chrysene	1.11545	1.04618	0.010	6.21053	25.00000	Averaged	
139 bis(2-ethylhexyl)Phthalate	0.87296	0.96073	0.010	-10.05348	25.00000	Averaged	
140 Di-n-octylphthalate	1.77611	1.67095	0.010	5.92100	20.00000	Averaged	
141 Benzo(b)fluoranthene	1.45753	1.37274	0.010	5.81715	25.00000	Averaged	
142 Benzo(k)fluoranthene	1.51485	1.29582	0.010	14.45891	25.00000	Averaged	
143 7,12-dimethylbenz[a]anthrac	0.68886	0.52989	0.010	23.07741	25.00000	Averaged	
146 Benzo(a)pyrene	1.22683	1.10567	0.010	9.87571	20.00000	Averaged	
149 Indeno(1,2,3-cd)pyrene	1.46167	0.98341	0.010	32.71972	25.00000	Averaged	<-
150 Dibenz(a,h)anthracene	1.19272	0.79180	0.010	33.61357	25.00000	Averaged	<-
151 Benzo(g,h,i)perylene	1.21772	0.81122	0.010	33.38247	25.00000	Averaged	<-

Test America Pittsburgh

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: 722.i Injection Date: 21-OCT-2008 05:12
Lab File ID: F10210C1.D Init. Cal. Date(s): 02-OCT-2008 03-OCT-2008
Analysis Type: Init. Cal. Times: 06:10 17:49
Lab Sample ID: sstd4 Quant Type: ISTD
Method: \\PITSVR06\d\chem\722.i\102108.b\LL.m

COMPOUND	RRF / AMOUNT	RF4	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE
$ 154 Nitrobenzene-d5	0.35526	0.34335	0.010	3.35204	25.00000	Averaged
$ 155 2-Fluorobiphenyl	1.23954	1.24629	0.010	-0.54434	25.00000	Averaged
$ 156 Terphenyl-d14	0.90124	0.79608	0.010	11.66834	25.00000	Averaged
$ 157 Phenol-d5	1.49565	1.49302	0.010	0.17556	25.00000	Averaged
$ 158 2-Fluorophenol	1.16001	1.14561	0.010	1.24133	25.00000	Averaged
$ 159 2,4,6-Tribromophenol	0.09086	0.08385	0.010	7.71054	25.00000	Averaged
$ 186 2-Chlorophenol-d4	1.45548	1.45321	0.010	0.15616	25.00000	Averaged
$ 187 1,2-Dichlorobenzene-d4	0.98743	0.97447	0.010	1.31275	25.00000	Averaged

SW846 8270C SURROGATE RECOVERY

Lab Name: TestAmerica Laboratories, Inc. Client: ENSR International

Lab Code: TALPIT SDG No:

Lot #: C8J110134

Extraction: XXA4FQL01

	CLIENT ID.	SRG01	SRG02	SRG03	SRG04	SRG05	SRG06	TOT OUT
01	SB40(14-16)	58	54	53	53	51	57	00
02	SB40(50-52)	77	69	74	72	72	73	00
03	SB36(10-12)	0 D	0 D	0 D	0 D	0 D	0 D	06
04	INTRA-LAB QC	78	64	72	76	67	9.4*	01
05	METHOD BLK. K00JG1AA	56	61	64	63	62	86	00
06	LCS K00JG1AC	72	65	59	61	61	74	00
07	LAB MS/MSD D	76	66	72	80	68	16 *	01
08	LAB MS/MSD S	68	59	63	67	59	15 *	01

SURROGATES		QC LIMITS
SRG01	= 2,4,6-Tribromophenol	(50-124)
SRG02	= 2-Fluorobiphenyl	(49-105)
SRG03	= 2-Fluorophenol	(39-103)
SRG04	= Nitrobenzene-d5	(25-104)
SRG05	= Phenol-d5	(25-105)
SRG06	= Terphenyl-d14	(25-127)

\# Column to be used to flag recovery values
* Values outside of required QC Limits
D System monitoring Compound diluted out

FORM II

METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: C8J110134 **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: C8J160000-475 **Prep Batch #...:** 8290475						
Silver	ND	0.50	mg/kg	SW846 6010B	10/16-10/17/08	K02C81AA
		Dilution Factor: 1				
		Analysis Time..: 09:12		Analyst ID.....: 022952	Instrument ID..: TRA	
Aluminum	ND	20.0	mg/kg	SW846 6010B	10/16-10/17/08	K02C81A8
		Dilution Factor: 1				
		Analysis Time..: 09:12		Analyst ID.....: 022952	Instrument ID..: TRA	
Arsenic	ND	1.0	mg/kg	SW846 6010B	10/16-10/17/08	K02C81AC
		Dilution Factor: 1				
		Analysis Time..: 09:12		Analyst ID.....: 022952	Instrument ID..: TRA	
Barium	ND	20.0	mg/kg	SW846 6010B	10/16-10/17/08	K02C81AD
		Dilution Factor: 1				
		Analysis Time..: 09:12		Analyst ID.....: 022952	Instrument ID..: TRA	
Beryllium	ND	0.40	mg/kg	SW846 6010B	10/16-10/17/08	K02C81AE
		Dilution Factor: 1				
		Analysis Time..: 09:12		Analyst ID.....: 022952	Instrument ID..: TRA	
Calcium	**6.3 B**	**500**	**mg/kg**	**SW846 6010B**	**10/16-10/17/08**	**K02C81A9**
		Dilution Factor: 1				
		Analysis Time..: 09:12		Analyst ID.....: 022952	Instrument ID..: TRA	
Cadmium	ND	0.50	mg/kg	SW846 6010B	10/16-10/17/08	K02C81AF
		Dilution Factor: 1				
		Analysis Time..: 09:12		Analyst ID.....: 022952	Instrument ID..: TRA	
Cobalt	ND	5.0	mg/kg	SW846 6010B	10/16-10/17/08	K02C81CA
		Dilution Factor: 1				
		Analysis Time..: 09:12		Analyst ID.....: 022952	Instrument ID..: TRA	
Chromium	ND	0.50	mg/kg	SW846 6010B	10/16-10/17/08	K02C81AG
		Dilution Factor: 1				
		Analysis Time..: 09:12		Analyst ID.....: 022952	Instrument ID..: TRA	
Copper	ND	2.5	mg/kg	SW846 6010B	10/16-10/17/08	K02C81AH
		Dilution Factor: 1				
		Analysis Time..: 09:12		Analyst ID.....: 022952	Instrument ID..: TRA	
Iron	**1.4 B**	**10.0**	**mg/kg**	**SW846 6010B**	**10/16-10/17/08**	**K02C81CC**
		Dilution Factor: 1				
		Analysis Time..: 09:12		Analyst ID.....: 022952	Instrument ID..: TRA	

(Continued on next page)

METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: C8J110134 **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Potassium	ND	500	mg/kg	SW846 6010B	10/16-10/17/08	K02C81CD
		Dilution Factor: 1				
		Analysis Time..: 09:12		Analyst ID.....: 022952	Instrument ID..: TRA	
Magnesium	ND	500	mg/kg	SW846 6010B	10/16-10/17/08	K02C81CE
		Dilution Factor: 1				
		Analysis Time..: 09:12		Analyst ID.....: 022952	Instrument ID..: TRA	
Manganese	ND	1.5	mg/kg	SW846 6010B	10/16-10/17/08	K02C81CF
		Dilution Factor: 1				
		Analysis Time..: 09:12		Analyst ID.....: 022952	Instrument ID..: TRA	
Sodium	ND	500	mg/kg	SW846 6010B	10/16-10/17/08	K02C81CG
		Dilution Factor: 1				
		Analysis Time..: 09:12		Analyst ID.....: 022952	Instrument ID..: TRA	
Nickel	ND	4.0	mg/kg	SW846 6010B	10/16-10/17/08	K02C81AJ
		Dilution Factor: 1				
		Analysis Time..: 09:12		Analyst ID.....: 022952	Instrument ID..: TRA	
Lead	ND	0.30	mg/kg	SW846 6010B	10/16-10/17/08	K02C81AK
		Dilution Factor: 1				
		Analysis Time..: 09:12		Analyst ID.....: 022952	Instrument ID..: TRA	
Selenium	ND	0.50	mg/kg	SW846 6010B	10/16-10/17/08	K02C81AL
		Dilution Factor: 1				
		Analysis Time..: 09:12		Analyst ID.....: 022952	Instrument ID..: TRA	
Thallium	ND	1.0	mg/kg	SW846 6010B	10/16-10/17/08	K02C81AM
		Dilution Factor: 1				
		Analysis Time..: 09:12		Analyst ID.....: 022952	Instrument ID..: TRA	
Antimony	ND	1.0	mg/kg	SW846 6010B	10/16-10/17/08	K02C81AN
		Dilution Factor: 1				
		Analysis Time..: 09:12		Analyst ID.....: 022952	Instrument ID..: TRA	
Vanadium	ND	5.0	mg/kg	SW846 6010B	10/16-10/17/08	K02C81AP
		Dilution Factor: 1				
		Analysis Time..: 09:12		Analyst ID.....: 022952	Instrument ID..: TRA	
Zinc	**0.55 B**	**2.0**	**mg/kg**	**SW846 6010B**	**10/16-10/17/08**	**K02C81AQ**
		Dilution Factor: 1				
		Analysis Time..: 09:12		Analyst ID.....: 022952	Instrument ID..: TRA	

(Continued on next page)

TestAmerica Pittsburgh

Metals Data Reporting Form

Initial Calibration Blank Results

Instrument: ICPST **Units:** ug/L

Chart Number: T81017A.ARC

Standard Source: _____ **Standard ID:** _____

Element	WL/ Mass	Report Limit	ICB1 10/17/2008 8:39 AM Found	Q	Found	Q	Found	Q	Found	Q	Found	Q
Aluminum	308.215	200	24.0	U								
Antimony	220.353	10	2.1	U								
Arsenic	189.042	10	2.9	U								
Barium	493.409	200	0.8	U								
Beryllium	313.042	4	**0.4**	**B**								
Cadmium	226.502	5	0.2	U								
Calcium	317.933	6000	17.0	U								
Chromium	267.716	5	0.6	U								
Cobalt	228.616	50	0.8	U								
Copper	324.753	25	2.6	U								
Iron	271.441	100	12.9	U								
Lead	220.353	3	1.6	U								
Magnesium	279.078	5000	20.9	U								
Manganese	257.61	15	0.6	U								
Nickel	231.604	40	1.4	U								
Potassium	766.491	5000	750.0	U								
Selenium	220.353	5	1.7	U								
Silver	328.068	200	0.7	U								
Sodium	330.232	5000	**-570.0**	**B**								
Thallium	190.864	10	3.1	U								
Vanadium	292.402	50	2.4	U								
Zinc	213.856	20	1.8	U								

U Result is less than the MDL
B Result is between MDL and RL

Form 3 Equivalent

TestAmerica Pittsburgh

Metals Data Reporting Form

Continuing Calibration Blank Result

Instrument: ICPST **Units:** ug/L

Chart Number: T81017A.ARC

Standard Source: _____ **Standard ID:** _____

Element	WL/ Mass	Report Limit	CCB1 10/17/2008 9:06 AM Found	Q	CCB2 10/17/2008 10:12 AM Found	Q	Found	Q	Found	Q	Found	Q
Aluminum	308.215	200	24.0	U	24.0	U						
Antimony	220.353	10	2.1	U	2.1	U						
Arsenic	189.042	10	2.9	U	2.9	U						
Barium	493.409	200	0.8	U	0.8	U						
Beryllium	313.042	4	0.2	U	**0.2**	**B**						
Cadmium	226.502	5	0.2	U	0.2	U						
Calcium	317.933	6000	17.0	U	17.0	U						
Chromium	267.716	5	0.6	U	0.6	U						
Cobalt	228.616	50	0.8	U	0.8	U						
Copper	324.753	25	2.6	U	2.6	U						
Iron	271.441	100	12.9	U	12.9	U						
Lead	220.353	3	1.6	U	1.6	U						
Magnesium	279.078	5000	20.9	U	20.9	U						
Manganese	257.61	15	0.6	U	0.6	U						
Nickel	231.604	40	1.4	U	1.4	U						
Potassium	766.491	5000	750.0	U	750.0	U						
Selenium	220.353	5	1.7	U	1.7	U						
Silver	328.068	200	0.7	U	0.7	U						
Sodium	330.232	5000	**-610.0**	**B**	**-770.0**	**B**						
Thallium	190.864	10	3.1	U	3.1	U						
Vanadium	292.402	50	2.4	U	2.4	U						
Zinc	213.856	20	1.8	U	1.8	U						

U Result is less than the MDL
B Result is between MDL and RL

Form 3 Equivalent

CASE NARRATIVE

ENSR
Schenectady RI

Lot # C8J160275

Sample Receiving:
TestAmerica's Pittsburgh laboratory received samples on October 16, 2008. The cooler was received within the proper temperature range.

If project specific QC was not required for samples contained in this report and batch QC was completed on these samples, anomalous results will be discussed below.

GC/MS Volatiles:
Due to the concentration of target compounds detected, several samples were analyzed at a dilution.

GC/MS Semivolatiles:
Due to the concentration of target compounds detected, several samples were analyzed at a dilution.

Several samples had the surrogates were diluted out.

Samples SB36(17.5-20) and SB37(11-12) had the surrogate recovery of 2,4,6-tribromophenol recover below control limits. As theses samples were analyzed at a dilution, the results were reported

Metals:
The serial dilution of sample SB36(17.5-20) was outside of the control limits for zinc. The result was flagged with an "E" qualifier.

The method blanks had analytes detected at concentrations between the MDL and the reporting limit. The results were flagged with a "B" qualifier. Any sample associated with a method blank that had the same analyte detected had the result flagged with a "J" qualifier.

For the matrix spike and matrix spike duplicate of sample SB36(17.5-20), aluminum and iron recoveries were not calculated due to the concentration of analyte in the sample being >4 times the concentration of spike added.

The matrix spikes of sample SB36(17.5-20) recovered below the control limits for antimony. The RPD between the spikes and the recovery of the laboratory control sample were within the control limits.

General Chemistry:
There were no problems associated with the analysis.

ENSR

Chain of Custody Record

Nº 0211

The RETEC Group, Inc.
1001 W. Seneca Street, Suite 204 • Ithaca, NY 14850-3342
(607) 277-5716 Phone • (607) 277-9057 Fax
www.retec.com

RETEC

C8J160275

Project Name: Schenectady	Project Number:
Send Report To: James Edwards	Sampler (Print Name): Jesse Lloyd
Address: Above Address	Sampler (Print Name):
	Shipment Method: FedEx
	Airbill Number:
Phone:	Laboratory Receiving: Test America Pittsburgh
Fax:	

Page 1 of 1

Purchase Order #:

Field Sample ID	Sample Date	Sample Time	Sample Matrix	Number of Containers	Analysis Requested: VOCs 8260B	SVOCs 8270C	TAL Metals	Total CN - 9012A	Comments, Special Instructions, etc.	Lab Sample ID (to be completed by lab)
SB36(17.5-20)	10-13-07	1100	Soil	3	✓	✓	✓	✓		
SB36(32.5-35)	10-13-07	1130								
SB37(11-12)	10-13-07	1530								
SB37(57.5-60)	10-14-07	1135								
SB32(20-22.5)	10-15-07	1420								
SB32(45-47.5)	10-15-07	1600								

Relinquished by: (Signature) Jesse Lloyd	Received by: (Signature)	Date: 10-15-07	Time: 1500
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
Relinquished by: (Signature)	Received by: (Signature) Patrick Dowd	Date: 10/16/07	Time: 0930

Sample Custodian Remarks (Completed By Laboratory):

QA/QC Level		Turnaround	
Level I	☐	Routine	☑
Level II	☐	24 Hour	☐
Level III	☐	1 Week	☐
Other	☐	Other ____	

Sample Receipt	
Total # Containers Received?	
COC Seals Present?	
COC Seals Intact?	
Received Containers Intact?	
Temperature?	

White: Lab Copy Yellow: PM Copy Pink: Field Copy Gold: PM/QA/QC Copy

Cooler Receipt Form

TestAmerica Pittsburgh

Client: ENSR Project: _____ Quote: 72910

Cooler Rec'd & Opened for Temp. Check on: 10/16/08

Coolers Opened and Unpacked on: 10/16/08 By: PRF (Signature)

TestAmerica Pittsburgh Lot Number: C8J160275

		Yes	No	NA
1.	Were custody seals on the outside of the cooler?			
	If YES, how many and where? Quantity __ Location			
	Were signatures and date correct?			
2.	Were custody papers included inside the cooler?			
3.	Were custody papers properly filled out (ink, signed, match labels)?			
4.	Did you sign the custody papers in the appropriate place?			
5.	Was shippers packing slip attached to this form?			
6.	Were packing materials used?			
	If YES, what type? Bubble Wrap			
7.	Were the samples received within the acceptable temperature range?			
8.	Were the samples appropriately preserved?			
9.	Were all bottles sealed in separate plastic bags?			
10.	Did all bottles arrive in good condition (unbroken)?			
11.	Were all bottle labels complete (sample ID, preservatives, etc.)?			
12.	Did all bottle labels and/or tags agree with custody papers?			
13.	Were correct bottles used for tests indicated?			
14.	Were all VOA vials checked for the presence of air bubbles?			
15.	Was a sufficient amount of sample sent in each bottle?			

16. Samples received by: (FEDEX) UPS CLIENT DROP-OFF OTHER DHL US CARGO

Explain any discrepancies: _____

Level 2 Review _____

Was contacted on _____ by _____ to resolve discrepancies.

Cooler Receipt Form

TestAmerica Pittsburgh

P: Preserved
UP: Unpreserved

Sample ID	TMET PH<2	DMET PH<2	HG PH<2	NUT(1) PH<2	CN PH ≥12	OG TPHC PH<2	PHEN PH<2	SULF PH ≥12	TOC PH<2	TOX PH<2	VOA P/UP	hrdnss PH<2			

(1) "NUT" could include sample bottles for ammonia, chemical oxygen demand, nitrate/nitrite, TKN, or total phosphorus

Comments: _____

Cooler Number	Temperature*	Thermometer ID
1	2.8°	2

*Acceptable Temperature Range: 4°C ± 2°C

Sample	Lot Number**

**Please use an asterisk if bottle lot number was covered by the label

If samples required preservation in the laboratory, the following lot number(s) was/were used:

Nitric Acid _____ Hydrochloric Acid _____

Sulfuric Acid _____ Sodium Hydroxide _____

TestAmerica Pittsburgh

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: hp3.i
Lab File ID: 1C31023.D
Analysis Type: SOIL
Lab Sample ID: vstd40
Method: \\PITSVR06\D\chem\hp3.i\3102308d.b\8260bsoil.m

Injection Date: 23-OCT-2008 07:45
Init. Cal. Date(s): 01-OCT-2008 17-OCT-2008
Init. Cal. Times: 11:08 09:22
Quant Type: ISTD

COMPOUND	RRF / AMOUNT	RF40	CCAL RRF40	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE	
$ 39 Dibromofluoromethane	0.20123	0.24100	0.24100	0.010	-19.76530	25.00000	Averaged	
$ 43 1,2-Dichloroethane-d4	0.23626	0.28400	0.28400	0.010	-20.20503	25.00000	Averaged	
$ 59 Toluene-d8	3.72528	4.01584	4.01584	0.010	-7.79966	25.00000	Averaged	
$ 80 Bromofluorobenzene	1.58608	1.45938	1.45938	0.010	7.98849	25.00000	Averaged	
1 Dichlorodifluoromethane	0.19390	0.22893	0.22893	0.010	-18.06272	25.00000	Averaged	
2 Chloromethane	0.32405	0.27363	0.27363	0.100	15.56096	25.00000	Averaged	
3 Vinyl Chloride	0.27391	0.24540	0.24540	0.010	10.40849	20.00000	Averaged	
4 Bromomethane	0.14184	0.15020	0.15020	0.010	-5.89330	25.00000	Averaged	
5 Chloroethane	0.13241	0.15534	0.15534	0.010	-17.31963	25.00000	Averaged	
166 Trichlorofluoromethane	0.24838	0.36649	0.36649	0.010	-47.55309	25.00000	Averaged	<-
10 1,1,2-trichloro-1,2,2-trifl	0.19215	0.21896	0.21896	0.010	-13.95008	25.00000	Averaged	
12 1,1-Dichloroethene	0.21107	0.22139	0.22139	0.010	-4.88853	20.00000	Averaged	
15 Carbon Disulfide	0.59009	0.62485	0.62485	0.010	-5.89075	25.00000	Averaged	
13 Acetone	200	274	0.17244	0.010	-36.82847	0.000e+000	Quadratic	
17 Acetonitrile	0.04683	0.03512	0.03512	0.001	24.99678	25.00000	Averaged	
18 Methylene Chloride	0.26108	0.23948	0.23948	0.010	8.27389	25.00000	Averaged	
19 trans-1,2-Dichloroethene	0.24764	0.26557	0.26557	0.010	-7.24284	25.00000	Averaged	
20 Methyl tert-butyl ether	0.62435	0.68769	0.68769	0.010	-10.14597	25.00000	Averaged	
24 1,1-Dichloroethane	0.45765	0.46288	0.46288	0.100	-1.14320	25.00000	Averaged	
27 2,2-Dichloropropane	0.25372	0.29180	0.29180	0.010	-15.00880	25.00000	Averaged	
28 cis-1,2-dichloroethene	0.27532	0.30604	0.30604	0.010	-11.15721	25.00000	Averaged	
M 29 1,2-Dichloroethene (total)	0.26148	0.28581	0.28581	0.010	-9.30362	25.00000	Averaged	
30 Bromochloromethane	0.12592	0.14500	0.14500	0.010	-15.15795	25.00000	Averaged	
31 2-Butanone	0.21402	0.24693	0.24693	0.010	-15.37529	25.00000	Averaged	
37 Chloroform	0.37333	0.41503	0.41503	0.010	-11.16974	20.00000	Averaged	
38 1,1,1-Trichloroethane	0.31669	0.37818	0.37818	0.010	-19.41749	25.00000	Averaged	
40 1,1-Dichloropropene	0.31928	0.33536	0.33536	0.010	-5.03466	25.00000	Averaged	
41 Carbon Tetrachloride	0.26995	0.30480	0.30480	0.010	-12.90875	25.00000	Averaged	
42 Benzene	0.98368	1.03067	1.03067	0.010	-4.77753	25.00000	Averaged	
45 1,2-Dichloroethane	0.34137	0.36867	0.36867	0.010	-7.99623	25.00000	Averaged	
47 Trichloroethene	0.27646	0.31120	0.31120	0.010	-12.56399	25.00000	Averaged	
49 1,2-Dichloropropane	0.26431	0.25033	0.25033	0.010	5.28636	20.00000	Averaged	
50 Dibromomethane	0.13086	0.13762	0.13762	0.010	-5.16600	25.00000	Averaged	
53 Bromodichloromethane	0.28314	0.32446	0.32446	0.010	-14.59221	25.00000	Averaged	
57 cis-1,3-Dichloropropene	0.37517	0.40541	0.40541	0.010	-8.06124	25.00000	Averaged	
58 4-Methyl-2-Pentanone	1.69588	1.95820	1.95820	0.010	-15.46832	25.00000	Averaged	
60 Toluene	4.49414	4.60760	4.60760	0.010	-2.52452	20.00000	Averaged	
61 trans-1,3-Dichloropropene	1.38275	1.45056	1.45056	0.010	-4.90363	25.00000	Averaged	
63 1,3-Dichloropropane	1.47327	1.46362	1.46362	0.010	0.65507	25.00000	Averaged	
64 1,1,2-Trichloroethane	0.89255	0.89606	0.89606	0.010	-0.39329	25.00000	Averaged	
65 Tetrachloroethene	0.96242	1.05919	1.05919	0.010	-10.05512	25.00000	Averaged	
66 2-Hexanone	1.26260	1.36457	1.36457	0.010	-8.07633	25.00000	Averaged	
67 Dibromochloromethane	0.85137	0.94638	0.94638	0.010	-11.15944	25.00000	Averaged	

TestAmerica Pittsburgh

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: hp3.i
Lab File ID: 1C31023.D
Analysis Type: SOIL
Lab Sample ID: vstd40
Method: \\PITSVR06\D\chem\hp3.i\3102308d.b\8260bsoil.m

Injection Date: 23-OCT-2008 07:45
Init. Cal. Date(s): 01-OCT-2008 17-OCT-2008
Init. Cal. Times: 11:08 09:22
Quant Type: ISTD

COMPOUND	RRF / AMOUNT	RF40	CCAL RRF40	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE
68 1,2-Dibromoethane	0.88390	0.91367	0.91367	0.010	-3.36824	25.00000	Averaged
70 Chlorobenzene	3.05144	3.23582	3.23582	0.300	-6.04243	25.00000	Averaged
71 1,1,1,2-Tetrachloroethane	0.97980	1.12553	1.12553	0.010	-14.87420	25.00000	Averaged
72 Ethylbenzene	1.74199	1.82291	1.82291	0.010	-4.64549	20.00000	Averaged
73 m + p-Xylene	2.07681	2.20580	2.20580	0.010	-6.21101	25.00000	Averaged
74 Xylene-o	2.08390	2.23310	2.23310	0.010	-7.15965	25.00000	Averaged
76 Styrene	3.42499	3.60677	3.60677	0.010	-5.30768	25.00000	Averaged
77 Bromoform	0.61141	0.70733	0.70733	0.100	-15.68778	25.00000	Averaged
78 Isopropylbenzene	5.14352	5.68099	5.68099	0.010	-10.44954	25.00000	Averaged
79 Bromobenzene	0.79097	0.89184	0.89184	0.010	-12.75366	25.00000	Averaged
81 n-Propylbenzene	0.97244	1.04323	1.04323	0.010	-7.28018	25.00000	Averaged
82 2-Chlorotoluene	0.79631	0.85124	0.85124	0.010	-6.89895	25.00000	Averaged
83 1,1,2,2-Tetrachloroethane	1.23365	1.12580	1.12580	0.300	8.74222	25.00000	Averaged
84 1,2,3-Trichloropropane	0.26829	0.23475	0.23475	0.010	12.50088	25.00000	Averaged
85 4-Chlorotoluene	0.78766	0.80587	0.80587	0.010	-2.31253	25.00000	Averaged
86 1,3,5-Trimethylbenzene	2.65240	2.97974	2.97974	0.010	-12.34136	25.00000	Averaged
87 tert-Butylbenzene	2.39270	2.65499	2.65499	0.010	-10.96179	25.00000	Averaged
88 1,2,4-Trimethylbenzene	2.63559	2.87662	2.87662	0.010	-9.14535	25.00000	Averaged
89 sec-Butylbenzene	3.45563	3.78214	3.78214	0.010	-9.44868	25.00000	Averaged
90 4-Isopropyltoluene	2.96852	3.29151	3.29151	0.010	-10.88037	25.00000	Averaged
91 1,3-Dichlorobenzene	1.58695	1.71039	1.71039	0.010	-7.77807	25.00000	Averaged
93 1,4-Dichlorobenzene	1.63063	1.75102	1.75102	0.010	-7.38281	25.00000	Averaged
94 n-Butylbenzene	2.62001	2.82582	2.82582	0.010	-7.85536	25.00000	Averaged
95 1,2-Dichlorobenzene	1.50487	1.62332	1.62332	0.010	-7.87133	25.00000	Averaged
96 1,2-Dibromo-3-chloropropane	200	186	0.18713	0.010	6.87221	0.000e+000	Quadratic
97 1,2,4-Trichlorobenzene	1.10886	1.27175	1.27175	0.010	-14.69029	25.00000	Averaged
98 Hexachlorobutadiene	0.56698	0.66242	0.66242	0.010	-16.83229	25.00000	Averaged
99 Naphthalene	2.73222	2.69626	2.69626	0.010	1.31613	25.00000	Averaged
100 1,2,3-Trichlorobenzene	1.00430	1.10663	1.10663	0.010	-10.18974	25.00000	Averaged
156 Methyl Acetate	0.30833	0.23819	0.23819	0.010	22.74831	25.00000	Averaged
157 Cyclohexane	0.56134	0.53169	0.53169	0.010	5.28096	25.00000	Averaged
158 Methyl Cyclohexane	0.50172	0.50763	0.50763	0.010	-1.17884	25.00000	Averaged
165 1,3,5-Trichlorobenzene	1.29548	1.67600	1.67600	0.010	-29.37241	50.00000	Averaged
M 75 Xylenes (total)	2.07918	2.21490	2.21490	0.010	-6.52794	25.00000	Averaged

TestAmerica Pittsburgh

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: hp3.i
Lab File ID: CC31024.D
Analysis Type: SOIL
Lab Sample ID: vstd40
Method: \\PITSVR06\D\chem\hp3.i\3102408d.b\8260bsoil.m

Injection Date: 24-OCT-2008 07:16
Init. Cal. Date(s): 01-OCT-2008 17-OCT-2008
Init. Cal. Times: 11:08 09:22
Quant Type: ISTD

COMPOUND	RRF / AMOUNT	RF40	CCAL RRF40	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE	
$ 39 Dibromofluoromethane	0.20123	0.24050	0.24050	0.010	-19.51538	25.00000	Averaged	
$ 43 1,2-Dichloroethane-d4	0.23626	0.26607	0.26607	0.010	-12.61708	25.00000	Averaged	
$ 59 Toluene-d8	3.72528	4.22913	4.22913	0.010	-13.52524	25.00000	Averaged	
$ 80 Bromofluorobenzene	1.58608	1.65068	1.65068	0.010	-4.07298	25.00000	Averaged	
1 Dichlorodifluoromethane	0.19390	0.24304	0.24304	0.010	-25.33992	25.00000	Averaged	<-
2 Chloromethane	0.32405	0.26031	0.26031	0.100	19.67049	25.00000	Averaged	
3 Vinyl Chloride	0.27391	0.24313	0.24313	0.010	11.23730	20.00000	Averaged	
4 Bromomethane	0.14184	0.13022	0.13022	0.010	8.18880	25.00000	Averaged	
5 Chloroethane	0.13241	0.13431	0.13431	0.010	-1.43951	25.00000	Averaged	
166 Trichlorofluoromethane	0.24838	0.23946	0.23946	0.010	3.59105	25.00000	Averaged	
10 1,1,2-trichloro-1,2,2-trifl	0.19215	0.20739	0.20739	0.010	-7.92702	25.00000	Averaged	
12 1,1-Dichloroethene	0.21107	0.18830	0.18830	0.010	10.78807	20.00000	Averaged	
15 Carbon Disulfide	0.59009	0.59906	0.59906	0.010	-1.51933	25.00000	Averaged	
13 Acetone	200	243	0.15588	0.010	-21.71653	0.000e+000	Quadratic	
18 Methylene Chloride	0.26108	0.22458	0.22458	0.010	13.97937	25.00000	Averaged	
19 trans-1,2-Dichloroethene	0.24764	0.25059	0.25059	0.010	-1.19341	25.00000	Averaged	
20 Methyl tert-butyl ether	0.62435	0.62274	0.62274	0.010	0.25686	25.00000	Averaged	
24 1,1-Dichloroethane	0.45765	0.41416	0.41416	0.100	9.50139	25.00000	Averaged	
27 2,2-Dichloropropane	0.25372	0.24588	0.24588	0.010	3.09016	25.00000	Averaged	
28 cis-1,2-dichloroethene	0.27532	0.27677	0.27677	0.010	-0.52754	25.00000	Averaged	
M 29 1,2-Dichloroethene (total)	0.26148	0.26368	0.26368	0.010	-0.84285	25.00000	Averaged	
30 Bromochloromethane	0.12592	0.13270	0.13270	0.010	-5.38972	25.00000	Averaged	
31 2-Butanone	0.21402	0.22361	0.22361	0.010	-4.48043	25.00000	Averaged	
37 Chloroform	0.37333	0.38835	0.38835	0.010	-4.02184	20.00000	Averaged	
38 1,1,1-Trichloroethane	0.31669	0.31932	0.31932	0.010	-0.83117	25.00000	Averaged	
40 1,1-Dichloropropene	0.31928	0.30391	0.30391	0.010	4.81370	25.00000	Averaged	
41 Carbon Tetrachloride	0.26995	0.27730	0.27730	0.010	-2.72121	25.00000	Averaged	
42 Benzene	0.98368	0.97227	0.97227	0.010	1.15934	25.00000	Averaged	
45 1,2-Dichloroethane	0.34137	0.33144	0.33144	0.010	2.90875	25.00000	Averaged	
47 Trichloroethene	0.27646	0.30458	0.30458	0.010	-10.16977	25.00000	Averaged	
49 1,2-Dichloropropane	0.26431	0.24304	0.24304	0.010	8.04638	20.00000	Averaged	
50 Dibromomethane	0.13086	0.13306	0.13306	0.010	-1.68068	25.00000	Averaged	
53 Bromodichloromethane	0.28314	0.30341	0.30341	0.010	-7.16023	25.00000	Averaged	
57 cis-1,3-Dichloropropene	0.37517	0.37084	0.37084	0.010	1.15514	25.00000	Averaged	
58 4-Methyl-2-Pentanone	1.69588	1.90887	1.90887	0.010	-12.55952	25.00000	Averaged	
60 Toluene	4.49414	4.71968	4.71968	0.010	-5.01854	20.00000	Averaged	
61 trans-1,3-Dichloropropene	1.38275	1.46867	1.46867	0.010	-6.21336	25.00000	Averaged	
63 1,3-Dichloropropane	1.47327	1.51614	1.51614	0.010	-2.91003	25.00000	Averaged	
64 1,1,2-Trichloroethane	0.89255	0.94150	0.94150	0.010	-5.48404	25.00000	Averaged	
65 Tetrachloroethene	0.96242	1.09595	1.09595	0.010	-13.87377	25.00000	Averaged	
66 2-Hexanone	1.26260	1.45916	1.45916	0.010	-15.56768	25.00000	Averaged	
67 Dibromochloromethane	0.85137	0.98496	0.98496	0.010	-15.69144	25.00000	Averaged	
68 1,2-Dibromoethane	0.88390	0.98135	0.98135	0.010	-11.02455	25.00000	Averaged	

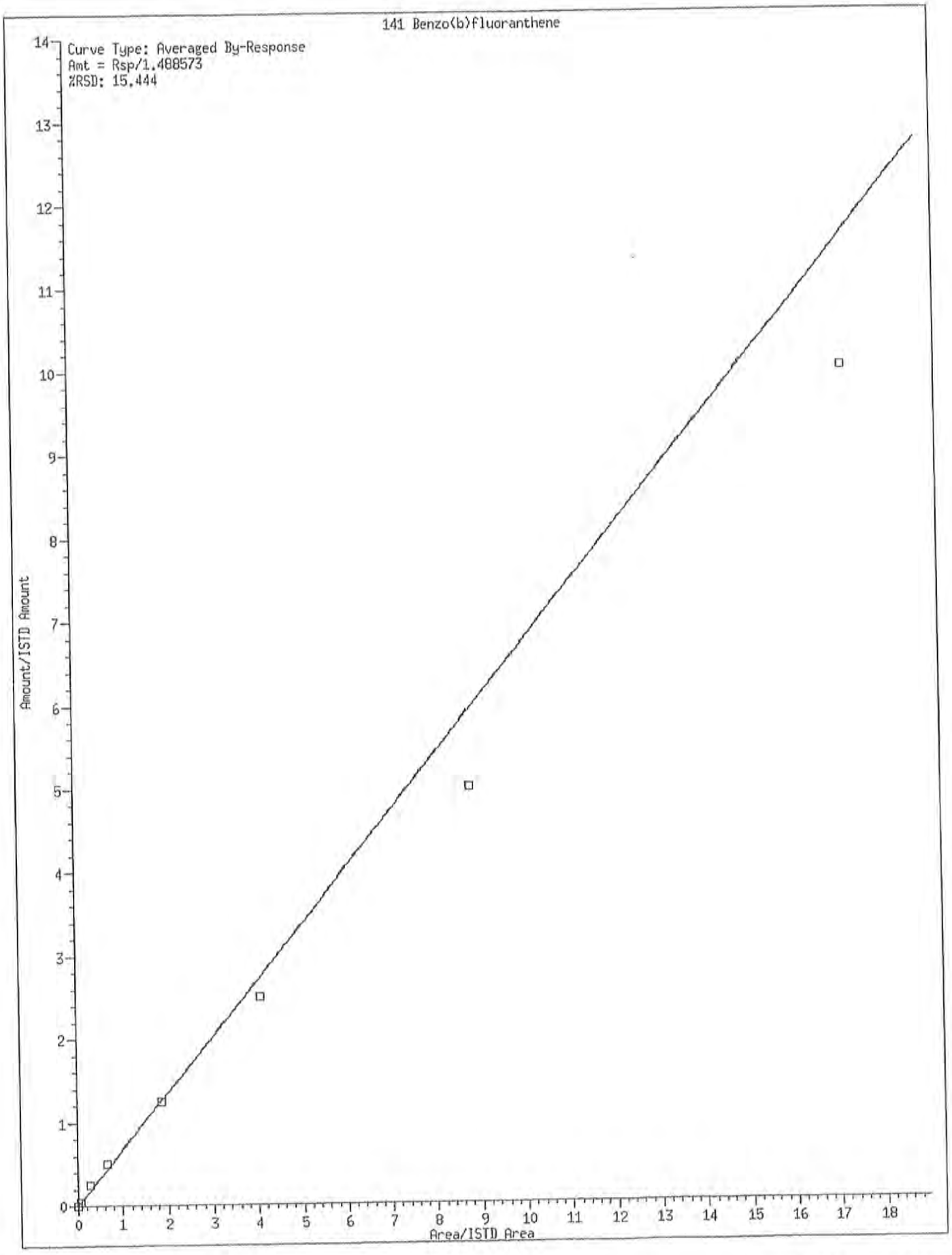
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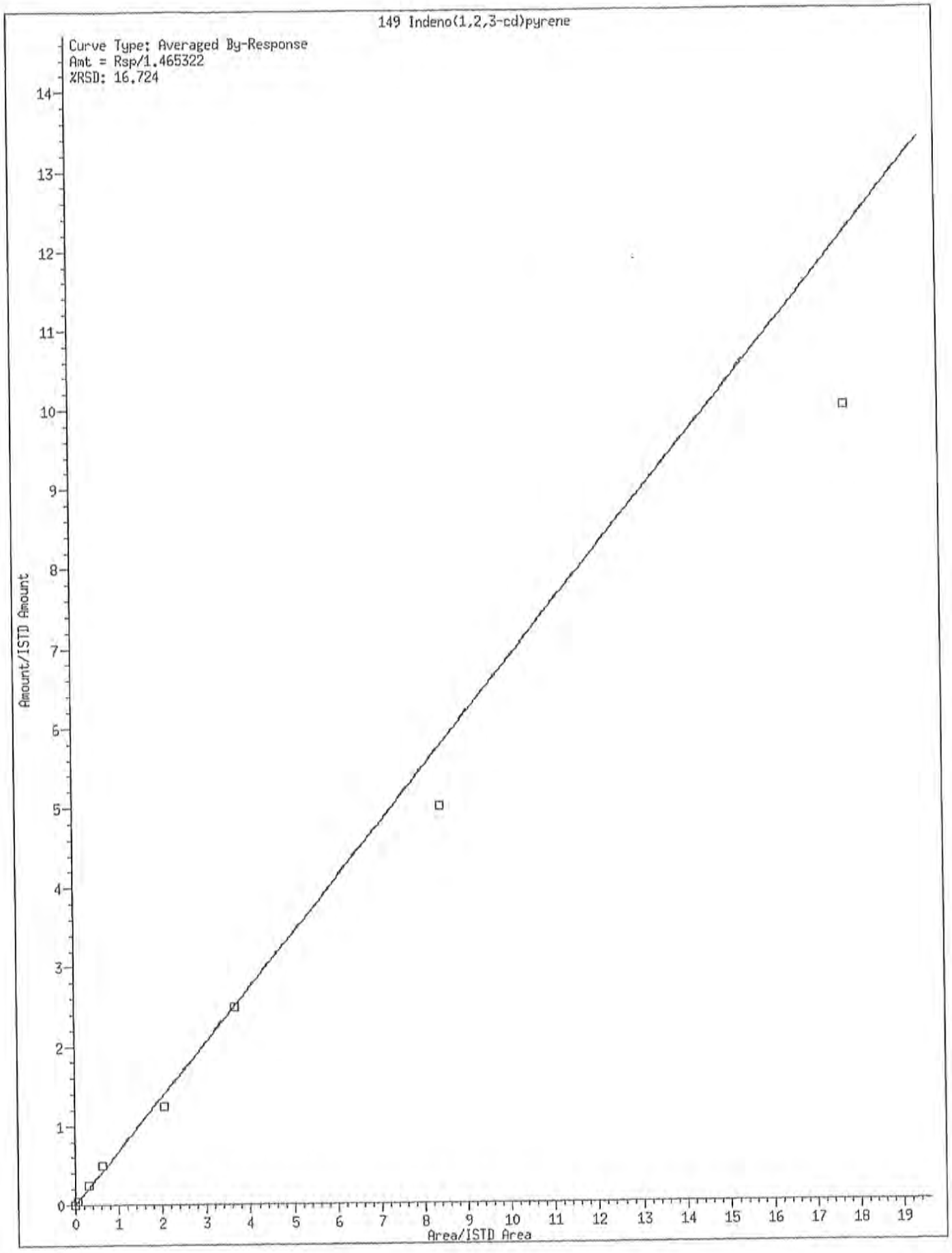
CONTINUING CALIBRATION COMPOUNDS

Instrument ID: hp3.i
Lab File ID: CC31024.D
Analysis Type: SOIL
Lab Sample ID: vstd40
Method: \\PITSVR06\D\chem\hp3.i\3102408d.b\8260bsoil.m

Injection Date: 24-OCT-2008 07:16
Init. Cal. Date(s): 01-OCT-2008 17-OCT-2008
Init. Cal. Times: 11:08 09:22
Quant Type: ISTD

COMPOUND	RRF / AMOUNT	RF40	CCAL RRF40	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE	
70 Chlorobenzene	3.05144	3.32808	3.32808	0.300	-9.06598	25.00000	Averaged	
71 1,1,1,2-Tetrachloroethane	0.97980	1.16691	1.16691	0.010	-19.09722	25.00000	Averaged	
72 Ethylbenzene	1.74199	1.89335	1.89335	0.010	-8.68870	20.00000	Averaged	
73 m + p-Xylene	2.07681	2.31635	2.31635	0.010	-11.53392	25.00000	Averaged	
74 Xylene-o	2.08390	2.28194	2.28194	0.010	-9.50325	25.00000	Averaged	
76 Styrene	3.42499	3.80693	3.80693	0.010	-11.15163	25.00000	Averaged	
77 Bromoform	0.61141	0.78665	0.78665	0.100	-28.66173	25.00000	Averaged	<-
78 Isopropylbenzene	5.14352	5.95115	5.95115	0.010	-15.70194	25.00000	Averaged	
79 Bromobenzene	0.79097	0.90515	0.90515	0.010	-14.43595	25.00000	Averaged	
81 n-Propylbenzene	0.97244	1.08279	1.08279	0.010	-11.34809	25.00000	Averaged	
82 2-Chlorotoluene	0.79631	0.88879	0.88879	0.010	-11.61364	25.00000	Averaged	
83 1,1,2,2-Tetrachloroethane	1.23365	1.28424	1.28424	0.300	-4.10089	25.00000	Averaged	
84 1,2,3-Trichloropropane	0.26829	0.28239	0.28239	0.010	-5.25675	25.00000	Averaged	
85 4-Chlorotoluene	0.78766	0.87324	0.87324	0.010	-10.86519	25.00000	Averaged	
86 1,3,5-Trimethylbenzene	2.65240	2.95289	2.95289	0.010	-11.32888	25.00000	Averaged	
87 tert-Butylbenzene	2.39270	2.67599	2.67599	0.010	-11.83968	25.00000	Averaged	
88 1,2,4-Trimethylbenzene	2.63559	2.90886	2.90886	0.010	-10.36852	25.00000	Averaged	
89 sec-Butylbenzene	3.45563	3.92008	3.92008	0.010	-13.44028	25.00000	Averaged	
90 4-Isopropyltoluene	2.96852	3.36604	3.36604	0.010	-13.39097	25.00000	Averaged	
91 1,3-Dichlorobenzene	1.58695	1.74774	1.74774	0.010	-10.13161	25.00000	Averaged	
93 1,4-Dichlorobenzene	1.63063	1.79144	1.79144	0.010	-9.86175	25.00000	Averaged	
94 n-Butylbenzene	2.62001	2.86274	2.86274	0.010	-9.26434	25.00000	Averaged	
95 1,2-Dichlorobenzene	1.50487	1.68974	1.68974	0.010	-12.28471	25.00000	Averaged	
96 1,2-Dibromo-3-chloropropane	200	201	0.20205	0.010	-0.60547	0.000e+000	Quadratic	
97 1,2,4-Trichlorobenzene	1.10886	1.22253	1.22253	0.010	-10.25087	25.00000	Averaged	
98 Hexachlorobutadiene	0.56698	0.66526	0.66526	0.010	-17.33287	25.00000	Averaged	
99 Naphthalene	2.73222	2.92130	2.92130	0.010	-6.92056	25.00000	Averaged	
100 1,2,3-Trichlorobenzene	1.00430	1.11953	1.11953	0.010	-11.47371	25.00000	Averaged	
156 Methyl Acetate	0.30833	0.24046	0.24046	0.010	22.01416	25.00000	Averaged	
157 Cyclohexane	0.56134	0.46286	0.46286	0.010	17.54336	25.00000	Averaged	
158 Methyl Cyclohexane	0.50172	0.48248	0.48248	0.010	3.83483	25.00000	Averaged	
165 1,3,5-Trichlorobenzene	1.29548	1.35121	1.35121	0.010	-4.30194	50.00000	Averaged	
M 75 Xylenes (total)	2.07918	2.30488	2.30488	0.010	-10.85550	25.00000	Averaged	


141 Benzo(b)fluoranthene
Curve Type: Averaged By-Response
Amt = Rsp/1.488573
%RSD: 15.444
Amount/ISTD Amount
Area/ISTD Area
0
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18


149 Indeno(1,2,3-cd)pyrene
Curve Type: Averaged By-Response
Amt = Rsp/1.465322
%RSD: 16.724
Amount/ISTD Amount
Area/ISTD Area
0
1
2
3
4
5
6
7
8
9
10
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CONTINUING CALIBRATION COMPOUNDS

Instrument ID: 732.i
Lab File ID: D10230C1.D
Analysis Type:
Lab Sample ID: sstd4
Method: \\PITSVR06\D\chem\732.i\d102308.b\11.m

Injection Date: 23-OCT-2008 06:14
Init. Cal. Date(s): 30-SEP-2008 30-SEP-2008
Init. Cal. Times: 10:23 12:27
Quant Type: ISTD

COMPOUND	RRF / AMOUNT	RF4	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE	
198 1,4-Dioxane	0.34933	0.12510	0.010	64.18863	25.00000	Averaged	<-
10 N-Nitrosodimethylamine	0.56695	0.60854	0.010	-7.33634	25.00000	Averaged	
9 Pyridine	1.11635	0.95999	0.010	14.00613	25.00000	Averaged	
16 Methyl methanesulfonate	0.66432	0.68017	0.010	-2.38573	25.00000	Averaged	
206 Benzaldehyde	0.91400	0.48054	0.010	47.42439	25.00000	Averaged	<-
21 Aniline	1.79944	1.64173	0.010	8.76446	25.00000	Averaged	
22 Phenol	1.65379	1.55867	0.010	5.75152	20.00000	Averaged	
23 bis(2-Chloroethyl)ether	1.06057	1.10167	0.010	-3.87544	25.00000	Averaged	
24 2-Chlorophenol	1.36424	1.31140	0.010	3.87285	25.00000	Averaged	
26 1,3-Dichlorobenzene	1.60999	1.52308	0.010	5.39864	25.00000	Averaged	
27 1,4-Dichlorobenzene	1.67657	1.69247	0.010	-0.94853	20.00000	Averaged	
28 1,2-Dichlorobenzene	1.60735	1.51141	0.010	5.96903	25.00000	Averaged	
29 Benzyl Alcohol	0.82177	0.69822	0.010	15.03448	25.00000	Averaged	
30 2-Methylphenol	1.18287	1.14406	0.010	3.28139	25.00000	Averaged	
31 2,2'-oxybis(1-Chloropropane	1.12950	1.22735	0.010	-8.66317	25.00000	Averaged	
37 Acetophenone	1.86530	1.77686	0.010	4.74110	25.00000	Averaged	
32 N-Nitroso-di-n-propylamine	0.90446	0.92883	0.050	-2.69510	50.00000	Averaged	
192 4-Methylphenol	1.31221	1.21115	0.010	7.70167	25.00000	Averaged	
34 Hexachloroethane	0.68367	0.65928	0.010	3.56744	25.00000	Averaged	
35 Nitrobenzene	0.40187	0.39952	0.010	0.58646	25.00000	Averaged	
41 Isophorone	0.62119	0.61976	0.010	0.23093	25.00000	Averaged	
42 2-Nitrophenol	0.19312	0.16457	0.010	14.78627	20.00000	Averaged	
43 2,4-Dimethylphenol	0.38346	0.39292	0.010	-2.46698	25.00000	Averaged	
44 bis(2-Chloroethoxy)methane	0.36928	0.35533	0.010	3.77894	25.00000	Averaged	
48 2,4-Dichlorophenol	0.32293	0.29217	0.010	9.52603	20.00000	Averaged	
49 Benzoic Acid	0.12848	0.13656	0.010	-6.28954	25.00000	Averaged	
50 1,2,4-Trichlorobenzene	0.39548	0.34365	0.010	13.10631	25.00000	Averaged	
51 Naphthalene	1.08623	0.97889	0.010	9.88217	25.00000	Averaged	
52 4-Chloroaniline	0.44382	0.37046	0.010	16.52941	25.00000	Averaged	
54 2,6-Dichlorophenol	0.34286	0.30669	0.010	10.55029	25.00000	Averaged	
56 Hexachlorobutadiene	0.28312	0.25007	0.010	11.67302	20.00000	Averaged	
208 Caprolactam	0.07166	0.07166	0.010	0.00676	25.00000	Averaged	
59 4-Chloro-3-Methylphenol	0.33569	0.30658	0.010	8.67313	20.00000	Averaged	
62 2-Methylnaphthalene	0.67463	0.60420	0.010	10.43891	25.00000	Averaged	
63 1-Methylnaphthalene	0.66688	0.60890	0.010	8.69416	25.00000	Averaged	
64 Hexachlorocyclopentadiene	0.42525	0.31756	0.050	25.32302	50.00000	Averaged	
66 2,4,6-Trichlorophenol	0.41758	0.39105	0.010	6.35223	20.00000	Averaged	
67 2,4,5-Trichlorophenol	0.48368	0.41370	0.010	14.46860	25.00000	Averaged	
209 1,1'-Biphenyl	1.48603	1.45724	0.010	1.93785	25.00000	Averaged	
70 2-Chloronaphthalene	1.19704	1.10934	0.010	7.32695	25.00000	Averaged	
73 2-Nitroaniline	0.34697	0.37861	0.010	-9.11848	25.00000	Averaged	
76 Dimethylphthalate	1.30699	1.29986	0.010	0.54605	25.00000	Averaged	

Report Date: 26-Oct-2008 19:32

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CONTINUING CALIBRATION COMPOUNDS

Instrument ID: 732.i
Lab File ID: D10230C1.D
Analysis Type:
Lab Sample ID: sstd4
Method: \\PITSVR06\D\chem\732.i\d102308.b\ll.m

Injection Date: 23-OCT-2008 06:14
Init. Cal. Date(s): 30-SEP-2008 30-SEP-2008
Init. Cal. Times: 10:23 12:27
Quant Type: ISTD

COMPOUND	RRF / AMOUNT	RF4	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE	
78 2,6-Dinitrotoluene	0.28205	0.27627	0.010	2.04988	25.00000	Averaged	
79 Acenaphthylene	1.84740	1.67037	0.010	9.58246	25.00000	Averaged	
81 3-Nitroaniline	0.27625	0.24853	0.010	10.03479	25.00000	Averaged	
82 Acenaphthene	1.17836	1.09353	0.010	7.19883	20.00000	Averaged	
83 2,4-Dinitrophenol	0.14038	0.08731	0.050	37.80698	50.00000	Averaged	
85 4-Nitrophenol	0.24644	0.26164	0.050	-6.16772	50.00000	Averaged	
86 Dibenzofuran	1.61369	1.55332	0.010	3.74107	25.00000	Averaged	
87 2,4-Dinitrotoluene	0.36756	0.36214	0.010	1.47577	25.00000	Averaged	
91 2,3,5,6-Tetrachlorophenol	0.34302	0.31895	0.010	7.01494	25.00000	Averaged	
88 2,3,4,6-Tetrachlorophenol	0.37542	0.35247	0.010	6.11296	25.00000	Averaged	
92 2-Naphthylamine	0.69283	0.47789	0.010	31.02340	25.00000	Averaged	<-
93 Diethylphthalate	1.24533	1.25523	0.010	-0.79478	25.00000	Averaged	
94 Fluorene	1.32994	1.19408	0.010	10.21507	25.00000	Averaged	
95 4-Chlorophenyl-phenylether	0.72407	0.65215	0.010	9.93291	25.00000	Averaged	
96 4-Nitroaniline	0.29298	0.27911	0.010	4.73385	25.00000	Averaged	
98 4,6-Dinitro-2-methylphenol	0.12015	0.10287	0.010	14.37980	25.00000	Averaged	
99 N-Nitrosodiphenylamine (1)	0.58711	0.56174	0.010	4.32137	20.00000	Averaged	
100 1,2-Diphenylhydrazine	0.83116	0.90326	0.010	-8.67506	25.00000	Averaged	
106 4-Bromophenyl-phenylether	0.23091	0.22301	0.010	3.41964	25.00000	Averaged	
107 Hexachlorobenzene	0.23191	0.21793	0.010	6.02978	25.00000	Averaged	
210 Atrazine	0.19496	0.11742	0.010	39.77144	25.00000	Averaged	<-
111 Pentachlorophenol	0.14221	0.13349	0.010	6.13327	20.00000	Averaged	
115 Phenanthrene	1.03817	1.01942	0.010	1.80623	25.00000	Averaged	
116 Anthracene	1.07723	1.00876	0.010	6.35624	25.00000	Averaged	
119 Carbazole	0.88761	0.88975	0.010	-0.24107	25.00000	Averaged	
120 Di-n-Butylphthalate	1.14963	1.17144	0.010	-1.89700	25.00000	Averaged	
123 Fluoranthene	1.12881	1.03574	0.010	8.24511	20.00000	Averaged	
124 Benzidine	0.47219	0.28292	0.010	40.08302	25.00000	Averaged	<-
125 Pyrene	1.11643	1.15256	0.010	-3.23555	25.00000	Averaged	
131 Butylbenzylphthalate	0.48717	0.52420	0.010	-7.60078	25.00000	Averaged	
135 3,3'-Dichlorobenzidine	0.40788	0.37410	0.010	8.28307	25.00000	Averaged	
136 Benzo(a)Anthracene	1.19498	1.15103	0.010	3.67805	25.00000	Averaged	
137 Chrysene	1.23189	1.13093	0.010	8.19500	25.00000	Averaged	
139 bis(2-ethylhexyl)Phthalate	0.79524	0.81252	0.010	-2.17311	25.00000	Averaged	
140 Di-n-octylphthalate	1.47587	1.40194	0.010	5.00919	20.00000	Averaged	
141 Benzo(b)fluoranthene	1.48857	1.44463	0.010	2.95210	25.00000	Averaged	
142 Benzo(k)fluoranthene	1.64015	1.34873	0.010	17.76768	25.00000	Averaged	
143 7,12-dimethylbenz[a]anthrac	0.66976	0.63732	0.010	4.84290	25.00000	Averaged	
146 Benzo(a)pyrene	1.30393	1.22074	0.010	6.38002	20.00000	Averaged	
149 Indeno(1,2,3-cd)pyrene	1.46532	1.49398	0.010	-1.95607	25.00000	Averaged	
150 Dibenz(a,h)anthracene	1.21612	1.24181	0.010	-2.11277	25.00000	Averaged	
151 Benzo(g,h,i)perylene	1.29961	1.27176	0.010	2.14270	25.00000	Averaged	

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CONTINUING CALIBRATION COMPOUNDS

Instrument ID: 732.i
Lab File ID: D10230C1.D
Analysis Type:
Lab Sample ID: sstd4
Method: \\PITSVR06\D\chem\732.i\d102308.b\11.m

Injection Date: 23-OCT-2008 06:14
Init. Cal. Date(s): 30-SEP-2008 30-SEP-2008
Init. Cal. Times: 10:23 12:27
Quant Type: ISTD

COMPOUND	RRF / AMOUNT	RF4	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE
$ 154 Nitrobenzene-d5	0.40638	0.40680	0.010	-0.10213	25.00000	Averaged
$ 155 2-Fluorobiphenyl	1.39885	1.29846	0.010	7.17624	25.00000	Averaged
$ 156 Terphenyl-d14	0.83574	0.87673	0.010	-4.90501	25.00000	Averaged
$ 157 Phenol-d5	1.44967	1.39016	0.010	4.10464	25.00000	Averaged
$ 158 2-Fluorophenol	1.16266	1.20190	0.010	-3.37501	25.00000	Averaged
$ 159 2,4,6-Tribromophenol	0.09763	0.08412	0.010	13.83945	25.00000	Averaged
$ 186 2-Chlorophenol-d4	1.38574	1.32679	0.010	4.25359	25.00000	Averaged
$ 187 1,2-Dichlorobenzene-d4	1.05436	0.97323	0.010	7.69442	25.00000	Averaged

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CONTINUING CALIBRATION COMPOUNDS

Instrument ID: 732.i
Lab File ID: D10240C2.D
Analysis Type:
Lab Sample ID: sstd4
Method: \\PITSVR06\D\chem\732.i\d102408.b\ll.m

Injection Date: 24-OCT-2008 15:01
Init. Cal. Date(s): 30-SEP-2008 30-SEP-2008
Init. Cal. Times: 10:23 12:27
Quant Type: ISTD

COMPOUND	RRF / AMOUNT	RF4	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE	
198 1,4-Dioxane	0.34933	0.12883	0.010	63.12167	25.00000	Averaged	<-
10 N-Nitrosodimethylamine	0.56695	0.61133	0.010	-7.82764	25.00000	Averaged	
9 Pyridine	1.11635	1.10335	0.010	1.16430	25.00000	Averaged	
16 Methyl methanesulfonate	0.66432	0.70607	0.010	-6.28423	25.00000	Averaged	
206 Benzaldehyde	0.91400	0.54474	0.010	40.40044	25.00000	Averaged	<-
21 Aniline	1.79944	1.83526	0.010	-1.99053	25.00000	Averaged	
22 Phenol	1.65379	1.64947	0.010	0.26113	20.00000	Averaged	
23 bis(2-Chloroethyl)ether	1.06057	1.16638	0.010	-9.97670	25.00000	Averaged	
24 2-Chlorophenol	1.36424	1.38322	0.010	-1.39158	25.00000	Averaged	
26 1,3-Dichlorobenzene	1.60999	1.68683	0.010	-4.77258	25.00000	Averaged	
27 1,4-Dichlorobenzene	1.67657	1.69004	0.010	-0.80364	20.00000	Averaged	
28 1,2-Dichlorobenzene	1.60735	1.57122	0.010	2.24781	25.00000	Averaged	
29 Benzyl Alcohol	0.82177	0.71166	0.010	13.39949	25.00000	Averaged	
30 2-Methylphenol	1.18287	1.20754	0.010	-2.08569	25.00000	Averaged	
31 2,2'-oxybis(1-Chloropropane	1.12950	1.34444	0.010	-19.02954	25.00000	Averaged	
37 Acetophenone	1.86530	1.88087	0.010	-0.83481	25.00000	Averaged	
32 N-Nitroso-di-n-propylamine	0.90446	0.90210	0.050	0.26033	50.00000	Averaged	
192 4-Methylphenol	1.31221	1.30087	0.010	0.86413	25.00000	Averaged	
34 Hexachloroethane	0.68367	0.68889	0.010	-0.76226	25.00000	Averaged	
35 Nitrobenzene	0.40187	0.40478	0.010	-0.72311	25.00000	Averaged	
41 Isophorone	0.62119	0.63213	0.010	-1.76078	25.00000	Averaged	
42 2-Nitrophenol	0.19312	0.18017	0.010	6.70753	20.00000	Averaged	
43 2,4-Dimethylphenol	0.38346	0.40358	0.010	-5.24718	25.00000	Averaged	
44 bis(2-Chloroethoxy)methane	0.36928	0.37545	0.010	-1.67075	25.00000	Averaged	
48 2,4-Dichlorophenol	0.32293	0.30092	0.010	6.81785	20.00000	Averaged	
49 Benzoic Acid	0.12848	0.07164	0.010	44.24209	25.00000	Averaged	<-
50 1,2,4-Trichlorobenzene	0.39548	0.37900	0.010	4.16741	25.00000	Averaged	
51 Naphthalene	1.08623	1.01019	0.010	7.00075	25.00000	Averaged	
52 4-Chloroaniline	0.44382	0.40210	0.010	9.40154	25.00000	Averaged	
54 2,6-Dichlorophenol	0.34286	0.29308	0.010	14.51965	25.00000	Averaged	
56 Hexachlorobutadiene	0.28312	0.23466	0.010	17.11655	20.00000	Averaged	
208 Caprolactam	0.07166	0.06983	0.010	2.55112	25.00000	Averaged	
59 4-Chloro-3-Methylphenol	0.33569	0.33619	0.010	-0.14869	20.00000	Averaged	
62 2-Methylnaphthalene	0.67463	0.67069	0.010	0.58273	25.00000	Averaged	
63 1-Methylnaphthalene	0.66688	0.65885	0.010	1.20382	25.00000	Averaged	
64 Hexachlorocyclopentadiene	0.42525	0.37674	0.050	11.40802	50.00000	Averaged	
66 2,4,6-Trichlorophenol	0.41758	0.36440	0.010	12.73435	20.00000	Averaged	
67 2,4,5-Trichlorophenol	0.48368	0.42497	0.010	12.13835	25.00000	Averaged	
209 1,1'-Biphenyl	1.48603	1.40953	0.010	5.14810	25.00000	Averaged	
70 2-Chloronaphthalene	1.19704	1.17864	0.010	1.53719	25.00000	Averaged	
73 2-Nitroaniline	0.34697	0.36910	0.010	-6.37688	25.00000	Averaged	
76 Dimethylphthalate	1.30699	1.26221	0.010	3.42655	25.00000	Averaged	

TestAmerica Pittsburgh

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: 732.i
Lab File ID: D10240C2.D
Analysis Type:
Lab Sample ID: sstd4
Method: \\PITSVR06\D\chem\732.i\d102408.b\ll.m

Injection Date: 24-OCT-2008 15:01
Init. Cal. Date(s): 30-SEP-2008 30-SEP-2008
Init. Cal. Times: 10:23 12:27
Quant Type: ISTD

COMPOUND	RRF / AMOUNT	RF4	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE	
78 2,6-Dinitrotoluene	0.28205	0.24993	0.010	11.38916	25.00000	Averaged	
79 Acenaphthylene	1.84740	1.79206	0.010	2.99515	25.00000	Averaged	
81 3-Nitroaniline	0.27625	0.26841	0.010	2.83779	25.00000	Averaged	
82 Acenaphthene	1.17836	1.17291	0.010	0.46227	20.00000	Averaged	
83 2,4-Dinitrophenol	0.14038	0.09527	0.050	32.13796	50.00000	Averaged	
85 4-Nitrophenol	0.24644	0.28529	0.050	-15.76447	50.00000	Averaged	
86 Dibenzofuran	1.61369	1.63659	0.010	-1.41877	25.00000	Averaged	
87 2,4-Dinitrotoluene	0.36756	0.39034	0.010	-6.19695	25.00000	Averaged	
91 2,3,5,6-Tetrachlorophenol	0.34302	0.32051	0.010	6.56296	25.00000	Averaged	
88 2,3,4,6-Tetrachlorophenol	0.37542	0.34374	0.010	8.43749	25.00000	Averaged	
92 2-Naphthylamine	0.69283	0.63195	0.010	8.78768	25.00000	Averaged	
93 Diethylphthalate	1.24533	1.35043	0.010	-8.43891	25.00000	Averaged	
94 Fluorene	1.32994	1.28246	0.010	3.56991	25.00000	Averaged	
95 4-Chlorophenyl-phenylether	0.72407	0.68316	0.010	5.64942	25.00000	Averaged	
96 4-Nitroaniline	0.29298	0.30514	0.010	-4.15151	25.00000	Averaged	
98 4,6-Dinitro-2-methylphenol	0.12015	0.11203	0.010	6.75540	25.00000	Averaged	
99 N-Nitrosodiphenylamine (1)	0.58711	0.56620	0.010	3.56090	20.00000	Averaged	
100 1,2-Diphenylhydrazine	0.83116	0.84306	0.010	-1.43249	25.00000	Averaged	
106 4-Bromophenyl-phenylether	0.23091	0.20225	0.010	12.41240	25.00000	Averaged	
107 Hexachlorobenzene	0.23191	0.23579	0.010	-1.67005	25.00000	Averaged	
210 Atrazine	0.19496	0.11777	0.010	39.59117	25.00000	Averaged	<-
111 Pentachlorophenol	0.14221	0.11678	0.010	17.88081	20.00000	Averaged	
115 Phenanthrene	1.03817	0.96342	0.010	7.20080	25.00000	Averaged	
116 Anthracene	1.07723	1.07231	0.010	0.45709	25.00000	Averaged	
119 Carbazole	0.88761	0.94656	0.010	-6.64066	25.00000	Averaged	
120 Di-n-Butylphthalate	1.14963	1.14307	0.010	0.57068	25.00000	Averaged	
123 Fluoranthene	1.12881	1.11650	0.010	1.09103	20.00000	Averaged	
124 Benzidine	0.47219	0.23525	0.010	50.17819	25.00000	Averaged	<-
125 Pyrene	1.11643	1.06125	0.010	4.94237	25.00000	Averaged	
131 Butylbenzylphthalate	0.48717	0.55764	0.010	-14.46550	25.00000	Averaged	
135 3,3'-Dichlorobenzidine	0.40788	0.37995	0.010	6.84685	25.00000	Averaged	
136 Benzo(a)Anthracene	1.19498	1.18407	0.010	0.91278	25.00000	Averaged	
137 Chrysene	1.23189	1.16361	0.010	5.54237	25.00000	Averaged	
139 bis(2-ethylhexyl)Phthalate	0.79524	0.77844	0.010	2.11266	25.00000	Averaged	
140 Di-n-octylphthalate	1.47587	1.19634	0.010	18.93997	20.00000	Averaged	
141 Benzo(b)fluoranthene	1.48857	1.31242	0.010	11.83380	25.00000	Averaged	
142 Benzo(k)fluoranthene	1.64015	1.26488	0.010	22.87987	25.00000	Averaged	
143 7,12-dimethylbenz[a]anthrac	0.66976	0.55454	0.010	17.20334	25.00000	Averaged	
146 Benzo(a)pyrene	1.30393	1.05649	0.010	18.97674	20.00000	Averaged	
149 Indeno(1,2,3-cd)pyrene	1.46532	1.48315	0.010	-1.21651	25.00000	Averaged	
150 Dibenz(a,h)anthracene	1.21612	1.25130	0.010	-2.89324	25.00000	Averaged	
151 Benzo(g,h,i)perylene	1.29961	1.18014	0.010	9.19258	25.00000	Averaged	

TestAmerica Pittsburgh

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: 732.i
Lab File ID: D10240C2.D
Analysis Type:
Lab Sample ID: sstd4
Method: \\PITSVR06\D\chem\732.i\d102408.b\ll.m

Injection Date: 24-OCT-2008 15:01
Init. Cal. Date(s): 30-SEP-2008 30-SEP-2008
Init. Cal. Times: 10:23 12:27
Quant Type: ISTD

COMPOUND	RRF / AMOUNT	RF4	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE
$ 154 Nitrobenzene-d5	0.40638	0.41809	0.010	-2.88052	25.00000	Averaged
$ 155 2-Fluorobiphenyl	1.39885	1.30926	0.010	6.40421	25.00000	Averaged
$ 156 Terphenyl-d14	0.83574	0.80850	0.010	3.25856	25.00000	Averaged
$ 157 Phenol-d5	1.44967	1.54903	0.010	-6.85465	25.00000	Averaged
$ 158 2-Fluorophenol	1.16266	1.22586	0.010	-5.43622	25.00000	Averaged
$ 159 2,4,6-Tribromophenol	0.09763	0.09444	0.010	3.26620	25.00000	Averaged
$ 186 2-Chlorophenol-d4	1.38574	1.40458	0.010	-1.35971	25.00000	Averaged
$ 187 1,2-Dichlorobenzene-d4	1.05436	1.00195	0.010	4.97049	25.00000	Averaged

SW846 8270C SURROGATE RECOVERY

Lab Name: TestAmerica Laboratories, Inc. Client: ENSR International

Lab Code: TALPIT SDG No:

Lot #: C8J160275

Extraction: XXA4FQL01

	CLIENT ID.	SRG01	SRG02	SRG03	SRG04	SRG05	SRG06	TOT OUT
01	INTRA-LAB QC	52	61	75	69	72	76	00
02	SB36(17.5-20)	44 *	54	68	62	66	79	01
03	SB36(32.5-35)	56	60	63	65	62	72	00
04	SB37(11-12)	40 *	49	63	61	66	55	01
05	SB37(11-12) RE-1	0 D	0 D	0 D	0 D	0 D	0 D	06
06	SB37(57.6-60)	78	82	89	89	85	117	00
07	SB32(20-22.5)	0 D	0 D	0 D	0 D	0 D	0 D	06
08	SB32(20-22.5) RE-1	0 D	0 D	0 D	0 D	0 D	0 D	06
09	SB32(42-47.5)	87	83	97	96	97	108	00
10	METHOD BLK. K1AWT1AA	53	59	68	69	71	72	00
11	LCS K1AWT1AC	70	68	75	74	77	81	00
12	LAB MS/MSD D	64	66	73	73	72	82	00
13	LAB MS/MSD S	61	62	68	67	65	63	00

SURROGATES		QC LIMITS
SRG01	= 2,4,6-Tribromophenol	(50-124)
SRG02	= 2-Fluorobiphenyl	(49-105)
SRG03	= 2-Fluorophenol	(39-103)
SRG04	= Nitrobenzene-d5	(25-104)
SRG05	= Phenol-d5	(25-105)
SRG06	= Terphenyl-d14	(25-127)

\# Column to be used to flag recovery values
* Values outside of required QC Limits
D System monitoring Compound diluted out

FORM II

METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: C8J160275 Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: C8J220000-214 Prep Batch #...: 8296214						
Silver	0.10 B	0.50	mg/kg	SW846 6010B	10/22-11/02/08	K1CJH1AA
		Dilution Factor: 1				
		Analysis Time..: 19:37		Analyst ID.....: 022952	Instrument ID..: TRA	
Aluminum	7.9 B	20.0	mg/kg	SW846 6010B	10/22-11/02/08	K1CJH1AC
		Dilution Factor: 1				
		Analysis Time..: 19:37		Analyst ID.....: 022952	Instrument ID..: TRA	
Arsenic	ND	1.0	mg/kg	SW846 6010B	10/22-11/02/08	K1CJH1AD
		Dilution Factor: 1				
		Analysis Time..: 19:37		Analyst ID.....: 022952	Instrument ID..: TRA	
Barium	0.10 B	20.0	mg/kg	SW846 6010B	10/22-11/02/08	K1CJH1AE
		Dilution Factor: 1				
		Analysis Time..: 19:37		Analyst ID.....: 022952	Instrument ID..: TRA	
Beryllium	0.066 B	0.40	mg/kg	SW846 6010B	10/22-11/02/08	K1CJH1AF
		Dilution Factor: 1				
		Analysis Time..: 19:37		Analyst ID.....: 022952	Instrument ID..: TRA	
Calcium	20.0 B	500	mg/kg	SW846 6010B	10/22-11/02/08	K1CJH1AG
		Dilution Factor: 1				
		Analysis Time..: 19:37		Analyst ID.....: 022952	Instrument ID..: TRA	
Cadmium	0.027 B	0.50	mg/kg	SW846 6010B	10/22-11/02/08	K1CJH1AH
		Dilution Factor: 1				
		Analysis Time..: 19:37		Analyst ID.....: 022952	Instrument ID..: TRA	
Cobalt	ND	5.0	mg/kg	SW846 6010B	10/22-11/02/08	K1CJH1AJ
		Dilution Factor: 1				
		Analysis Time..: 19:37		Analyst ID.....: 022952	Instrument ID..: TRA	
Copper	ND	2.5	mg/kg	SW846 6010B	10/22-11/02/08	K1CJH1AL
		Dilution Factor: 1				
		Analysis Time..: 19:37		Analyst ID.....: 022952	Instrument ID..: TRA	
Iron	4.4 B	10.0	mg/kg	SW846 6010B	10/22-11/02/08	K1CJH1AM
		Dilution Factor: 1				
		Analysis Time..: 19:37		Analyst ID.....: 022952	Instrument ID..: TRA	
Potassium	ND	500	mg/kg	SW846 6010B	10/22-11/02/08	K1CJH1AN
		Dilution Factor: 1				
		Analysis Time..: 19:37		Analyst ID.....: 022952	Instrument ID..: TRA	

(Continued on next page)

METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: C8J160275 **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Magnesium	**7.1 B**	**500**	**mg/kg**	**SW846 6010B**	**10/22-11/02/08**	**K1CJH1AP**
		Dilution Factor: 1				
		Analysis Time..: 19:37		Analyst ID.....: 022952	Instrument ID..: TRA	
Manganese	ND	1.5	mg/kg	SW846 6010B	10/22-11/02/08	K1CJH1AQ
		Dilution Factor: 1				
		Analysis Time..: 19:37		Analyst ID.....: 022952	Instrument ID..: TRA	
Sodium	ND	500	mg/kg	SW846 6010B	10/22-11/02/08	K1CJH1AR
		Dilution Factor: 1				
		Analysis Time..: 19:37		Analyst ID.....: 022952	Instrument ID..: TRA	
Nickel	**0.30 B**	**4.0**	**mg/kg**	**SW846 6010B**	**10/22-11/02/08**	**K1CJH1AT**
		Dilution Factor: 1				
		Analysis Time..: 19:37		Analyst ID.....: 022952	Instrument ID..: TRA	
Lead	ND	0.30	mg/kg	SW846 6010B	10/22-11/02/08	K1CJH1AU
		Dilution Factor: 1				
		Analysis Time..: 19:37		Analyst ID.....: 022952	Instrument ID..: TRA	
Selenium	ND	0.50	mg/kg	SW846 6010B	10/22-11/02/08	K1CJH1AV
		Dilution Factor: 1				
		Analysis Time..: 19:37		Analyst ID.....: 022952	Instrument ID..: TRA	
Thallium	ND	1.0	mg/kg	SW846 6010B	10/22-11/02/08	K1CJH1AW
		Dilution Factor: 1				
		Analysis Time..: 19:37		Analyst ID.....: 022952	Instrument ID..: TRA	
Antimony	ND	1.0	mg/kg	SW846 6010B	10/22-11/02/08	K1CJH1AX
		Dilution Factor: 1				
		Analysis Time..: 19:37		Analyst ID.....: 022952	Instrument ID..: TRA	
Vanadium	ND	5.0	mg/kg	SW846 6010B	10/22-11/02/08	K1CJH1A0
		Dilution Factor: 1				
		Analysis Time..: 19:37		Analyst ID.....: 022952	Instrument ID..: TRA	
Zinc	**0.90 B**	**2.0**	**mg/kg**	**SW846 6010B**	**10/22-11/02/08**	**K1CJH1A1**
		Dilution Factor: 1				
		Analysis Time..: 19:37		Analyst ID.....: 022952	Instrument ID..: TRA	

MB Lot-Sample #: C8J290000-021 **Prep Batch #...:** 8303021

Mercury	**0.0028 B**	**0.033**	**mg/kg**	**SW846 7471A**	**10/29/08**	**K1R9V1AA**
		Dilution Factor: 1				
		Analysis Time..: 08:46		Analyst ID.....: 031043	Instrument ID..: HGH	

(Continued on next page)

METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: C8J160275 **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: C8K040000-177 **Prep Batch #...:** 8309177						
Chromium	ND	0.50	mg/kg	SW846 6010B	11/04-11/06/08	K16LX1AA

Dilution Factor: 1
Analysis Time..: 13:23 Analyst ID.....: 022952 Instrument ID..: TRA

NOTE(S):

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

B Estimated result. Result is less than RL.

TestAmerica Pittsburgh

Metals Data Reporting Form

Initial Calibration Blank Results

Instrument: ICPST **Units:** ug/L

Chart Number: T81102A.ARC

Standard Source: _____ **Standard ID:** _____

Element	WL/ Mass	Report Limit	ICB1 11/2/2008 11:42 AM Found	Q	Found	Q	Found	Q	Found	Q	Found	Q
Aluminum	308.215	200	24.0	U								
Antimony	220.353	10	2.1	U								
Arsenic	189.042	10	2.9	U								
Barium	493.409	200	0.8	U								
Beryllium	313.042	4	**0.3**	**B**								
Cadmium	226.502	5	**0.4**	**B**								
Calcium	317.933	6000	17.0	U								
Cobalt	228.616	50	0.8	U								
Copper	324.753	25	2.6	U								
Iron	271.441	100	12.9	U								
Lead	220.353	3	1.6	U								
Magnesium	279.078	5000	20.9	U								
Manganese	257.61	15	0.6	U								
Nickel	231.604	40	1.4	U								
Potassium	766.491	5000	750.0	U								
Selenium	220.353	5	1.7	U								
Silver	328.068	200	**1.1**	**B**								
Sodium	330.232	5000	**-360.0**	**B**								
Thallium	190.864	10	3.1	U								
Vanadium	292.402	50	2.4	U								
Zinc	213.856	20	**2.2**	**B**								

5.22.0

U Result is less than the MDL

B Result is between MDL and RL

Form 3 Equivalent

TestAmerica Pittsburgh

Metals Data Reporting Form

Initial Calibration Blank Results

Instrument: ICPST **Units:** ug/L

Chart Number: T81106A.ARC

Standard Source: _____ **Standard ID:** _____

Element	WL/ Mass	Report Limit	ICB11 11/6/2008 8:01 AM Found	Q	Found	Q	Found	Q	Found	Q	Found	Q
Chromium	267.716	5	**0.6**	**B**								

5.22.0

U Result is less than the MDL
B Result is between MDL and RL

Form 3 Equivalent

TestAmerica Pittsburgh

Metals Data Reporting Form

Initial Calibration Blank Result

Instrument: CVAA **Units:** mg/L

Chart Number: G81029A.PRN

Standard Source: _____ **Standard ID:** _____

Element	WL/ Mass	Report Limit	ICB1 10/29/2008 7:31 AM Found	Q	Found	Q	Found	Q	Found	Q	Found	Q
Mercury	253.7	0.0002	0.0	U								

5.04.5

U Result is less than the MDL
B Result is between MDL and RL

Form 3 Equivalent

TestAmerica Pittsburgh

Metals Data Reporting Form

Continuing Calibration Blank Result

Instrument: ICPST **Units:** ug/L

Chart Number: T81102A.ARC

Standard Source: _____ **Standard ID:** _____

Element	WL/ Mass	Report Limit	CCB1 11/2/2008 12:09 PM Found	Q	CCB2 11/2/2008 1:15 PM Found	Q	CCB3 11/2/2008 2:24 PM Found	Q	CCB4 11/2/2008 3:30 PM Found	Q	CCB5 11/2/2008 4:36 PM Found	Q
Aluminum	308.215	200	24.0	U	24.0	U	**26.2**	**B**	**38.9**	**B**	**52.2**	**B**
Antimony	220.353	10	2.1	U	2.1	U	2.1	U	2.1	U	2.1	U
Arsenic	189.042	10	2.9	U	2.9	U	2.9	U	2.9	U	2.9	U
Barium	493.409	200	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U
Beryllium	313.042	4	**0.2**	**B**	**0.2**	**B**	**0.2**	**B**	0.2	U	**0.3**	**B**
Cadmium	226.502	5	0.2	U	0.2	U	0.2	U	0.2	U	**0.3**	**B**
Calcium	317.933	6000	17.0	U	17.0	U	17.0	U	17.0	U	17.0	U
Cobalt	228.616	50	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U
Copper	324.753	25	2.6	U	2.6	U	2.6	U	2.6	U	2.6	U
Iron	271.441	100	12.9	U	12.9	U	12.9	U	12.9	U	12.9	U
Lead	220.353	3	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U
Magnesium	279.078	5000	20.9	U	20.9	U	20.9	U	20.9	U	20.9	U
Manganese	257.61	15	0.6	U	0.6	U	0.6	U	0.6	U	**0.8**	**B**
Nickel	231.604	40	1.4	U	1.4	U	1.4	U	1.4	U	1.4	U
Potassium	766.491	5000	750.0	U	750.0	U	750.0	U	750.0	U	750.0	U
Selenium	220.353	5	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U
Silver	328.068	200	**0.8**	**B**	**0.7**	**B**	0.7	U	0.7	U	**0.9**	**B**
Sodium	330.232	5000	**-460.0**	**B**	**264.0**	**B**	145.0	U	145.0	U	145.0	U
Thallium	190.864	10	3.1	U	**3.5**	**B**	3.1	U	3.1	U	3.1	U
Vanadium	292.402	50	2.4	U	2.4	U	2.4	U	2.4	U	2.4	U
Zinc	213.856	20	1.8	U	1.8	U	1.8	U	**2.1**	**B**	1.8	U

TestAmerica Pittsburgh

Metals Data Reporting Form

Continuing Calibration Blank Result

Instrument: ICPST **Units:** ug/L

Chart Number: T81102A.ARC

Standard Source: _____ **Standard ID:** _____

Element	WL/ Mass	Report Limit	CCB6 11/2/2008 5:42 PM Found	Q	CCB7 11/2/2008 6:48 PM Found	Q	CCB8 11/2/2008 7:54 PM Found	Q	CCB9 11/2/2008 9:00 PM Found	Q	CCB10 11/2/2008 10:06 PM Found	Q
Aluminum	308.215	200	**82.2**	**B**	**62.2**	**B**	**69.8**	**B**	**73.2**	**B**	**79.6**	**B**
Antimony	220.353	10	2.1	U	2.1	U	2.1	U	2.1	U	2.1	U
Arsenic	189.042	10	2.9	U	2.9	U	2.9	U	2.9	U	2.9	U
Barium	493.409	200	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U
Beryllium	313.042	4	**0.6**	**B**	**0.8**	**B**	**0.8**	**B**	**1.0**	**B**	**1.1**	**B**
Cadmium	226.502	5	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
Calcium	317.933	6000	17.0	U	17.0	U	17.0	U	17.0	U	17.0	U
Cobalt	228.616	50	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U
Copper	324.753	25	2.6	U	**-3.3**	**B**	**-3.3**	**B**	**-3.2**	**B**	**-3.7**	**B**
Iron	271.441	100	**14.6**	**B**	12.9	U	12.9	U	**16.5**	**B**	**14.2**	**B**
Lead	220.353	3	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U
Magnesium	279.078	5000	20.9	U	20.9	U	20.9	U	20.9	U	20.9	U
Manganese	257.61	15	0.6	U	0.6	U	0.6	U	0.6	U	0.6	U
Nickel	231.604	40	1.4	U	1.4	U	1.4	U	1.4	U	1.4	U
Potassium	766.491	5000	750.0	U	750.0	U	750.0	U	750.0	U	750.0	U
Selenium	220.353	5	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U
Silver	328.068	200	**0.9**	**B**	0.7	U	0.7	U	**1.2**	**B**	**0.7**	**B**
Sodium	330.232	5000	**-190.0**	**B**	**-270.0**	**B**	**-350.0**	**B**	**-290.0**	**B**	**-230.0**	**B**
Thallium	190.864	10	3.1	U	3.1	U	3.1	U	3.1	U	3.1	U
Vanadium	292.402	50	2.4	U	2.4	U	2.4	U	2.4	U	2.4	U
Zinc	213.856	20	**1.9**	**B**	**2.2**	**B**	**2.0**	**B**	**2.1**	**B**	1.8	U

TestAmerica Pittsburgh

Metals Data Reporting Form

Continuing Calibration Blank Result

Instrument: ICPST **Units:** ug/L

Chart Number: T81106A.ARC

Standard Source: _____ **Standard ID:** _____

Element	WL/ Mass	Report Limit	CCB1 11/6/2008 8:29 AM Found	Q	CCB2 11/6/2008 9:34 AM Found	Q	CCB3 11/6/2008 10:39 AM Found	Q	CCB4 11/6/2008 11:45 AM Found	Q	CCB5 11/6/2008 12:57 PM Found	Q
Chromium	267.716	5	0.6	U	0.6	U	0.6	U	0.6	U	1.3	B

5.22.0

U Result is less than the MDL

B Result is between MDL and RL

Form 3 Equivalent

TestAmerica Pittsburgh

Metals Data Reporting Form

Continuing Calibration Blank Result

Instrument: ICPST **Units:** ug/L

Chart Number: T81106A.ARC

Standard Source: _____ **Standard ID:** _____

Element	WL/ Mass	Report Limit	CCB6 11/6/2008 2:07 PM Found	Q	CCB7 11/6/2008 3:13 PM Found	Q	CCB8 11/6/2008 4:23 PM Found	Q	Found	Q	Found	Q
Chromium	267.716	5	1.2	B	0.6	U	0.6	U				

5.22.0

U Result is less than the MDL
B Result is between MDL and RL

Form 3 Equivalent

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: C8J160275 **Matrix.....:** SO
Date Sampled...: 10/13/08 **Date Received..:** 10/16/08

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: C8J160275-001 **Prep Batch #...:** 8296214									
Silver									
	ND	5.99	5.15	mg/kg	86		SW846 6010B	10/22-11/02/08	K017P1A7
	ND	5.99	5.31	mg/kg	89	3.1	SW846 6010B	10/22-11/02/08	K017P1A8
			Dilution Factor: 1						
			Analysis Time..: 21:11		Instrument ID..: TRACEICP		Analyst ID.....: 022952		
			MS Run #.....: 8296135						
Aluminum									
	4190	240	7280 NC	mg/kg			SW846 6010B	10/22-11/02/08	K017P1A9
	4190	240	6920 NC	mg/kg			SW846 6010B	10/22-11/02/08	K017P1CA
			Dilution Factor: 1						
			Analysis Time..: 21:11		Instrument ID..: TRACEICP		Analyst ID.....: 022952		
			MS Run #.....: 8296135						
Arsenic									
	2.2	240	197	mg/kg	81		SW846 6010B	10/22-11/02/08	K017P1CC
	2.2	240	202	mg/kg	83	2.5	SW846 6010B	10/22-11/02/08	K017P1CD
			Dilution Factor: 1						
			Analysis Time..: 21:11		Instrument ID..: TRACEICP		Analyst ID.....: 022952		
			MS Run #.....: 8296135						
Barium									
	24.0	240	235	mg/kg	88		SW846 6010B	10/22-11/02/08	K017P1CE
	24.0	240	241	mg/kg	90	2.4	SW846 6010B	10/22-11/02/08	K017P1CF
			Dilution Factor: 1						
			Analysis Time..: 21:11		Instrument ID..: TRACEICP		Analyst ID.....: 022952		
			MS Run #.....: 8296135						
Beryllium									
	0.48	5.99	5.82	mg/kg	89		SW846 6010B	10/22-11/02/08	K017P1CG
	0.48	5.99	5.91	mg/kg	91	1.5	SW846 6010B	10/22-11/02/08	K017P1CH
			Dilution Factor: 1						
			Analysis Time..: 21:11		Instrument ID..: TRACEICP		Analyst ID.....: 022952		
			MS Run #.....: 8296135						
Calcium									
	1860	5990	6640	mg/kg	80		SW846 6010B	10/22-11/02/08	K017P1CJ
	1860	5990	7500	mg/kg	94	12	SW846 6010B	10/22-11/02/08	K017P1CK
			Dilution Factor: 1						
			Analysis Time..: 21:11		Instrument ID..: TRACEICP		Analyst ID.....: 022952		
			MS Run #.....: 8296135						

(Continued on next page)

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: C8J160275 **Matrix.....:** SO
Date Sampled...: 10/13/08 **Date Received..:** 10/16/08

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Cadmium									
	0.10	5.99	5.09	mg/kg	83		SW846 6010B	10/22-11/02/08	K017P1CL
	0.10	5.99	5.19	mg/kg	85	1.8	SW846 6010B	10/22-11/02/08	K017P1CM
			Dilution Factor: 1						
			Analysis Time..: 21:11		Instrument ID..: TRACEICP		Analyst ID.....: 022952		
			MS Run #.....: 8296135						
Cobalt									
	4.1	59.9	52.8	mg/kg	81		SW846 6010B	10/22-11/02/08	K017P1CN
	4.1	59.9	53.7	mg/kg	83	1.7	SW846 6010B	10/22-11/02/08	K017P1CP
			Dilution Factor: 1						
			Analysis Time..: 21:11		Instrument ID..: TRACEICP		Analyst ID.....: 022952		
			MS Run #.....: 8296135						
Copper									
	10.3	30.0	37.6	mg/kg	91		SW846 6010B	10/22-11/02/08	K017P1CT
	10.3	30.0	37.6	mg/kg	91	0.0	SW846 6010B	10/22-11/02/08	K017P1CU
			Dilution Factor: 1						
			Analysis Time..: 21:11		Instrument ID..: TRACEICP		Analyst ID.....: 022952		
			MS Run #.....: 8296135						
Iron									
	11400	120	13100	mg/kg			SW846 6010B	10/22-11/02/08	K017P1CV
			Qualifiers: NC						
	11400	120	12500	mg/kg			SW846 6010B	10/22-11/02/08	K017P1CW
			Qualifiers: NC						
			Dilution Factor: 1						
			Analysis Time..: 21:11		Instrument ID..: TRACEICP		Analyst ID.....: 022952		
			MS Run #.....: 8296135						
Potassium									
	723	5990	6150	mg/kg	91		SW846 6010B	10/22-11/02/08	K017P1CX
	723	5990	6200	mg/kg	91	0.83	SW846 6010B	10/22-11/02/08	K017P1C0
			Dilution Factor: 1						
			Analysis Time..: 21:11		Instrument ID..: TRACEICP		Analyst ID.....: 022952		
			MS Run #.....: 8296135						
Magnesium									
	1770	5990	7450	mg/kg	95		SW846 6010B	10/22-11/02/08	K017P1C1
	1770	5990	7590	mg/kg	97	1.9	SW846 6010B	10/22-11/02/08	K017P1C2
			Dilution Factor: 1						
			Analysis Time..: 21:11		Instrument ID..: TRACEICP		Analyst ID.....: 022952		
			MS Run #.....: 8296135						

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MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: C8J160275 **Matrix.....:** SO
Date Sampled...: 10/13/08 **Date Received..:** 10/16/08

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Manganese									
	94.3	59.9	159	mg/kg	108		SW846 6010B	10/22-11/02/08	K017P1C3
	94.3	59.9	157	mg/kg	105	1.2	SW846 6010B	10/22-11/02/08	K017P1C4
			Dilution Factor: 1						
			Analysis Time..: 21:11		Instrument ID..: TRACEICP		Analyst ID.....: 022952		
			MS Run #.....: 8296135						
Sodium									
	81.1	5990	5060	mg/kg	83		SW846 6010B	10/22-11/02/08	K017P1C5
	81.1	5990	5210	mg/kg	85	2.7	SW846 6010B	10/22-11/02/08	K017P1C6
			Dilution Factor: 1						
			Analysis Time..: 21:11		Instrument ID..: TRACEICP		Analyst ID.....: 022952		
			MS Run #.....: 8296135						
Nickel									
	9.6	59.9	60.3	mg/kg	85		SW846 6010B	10/22-11/02/08	K017P1C7
	9.6	59.9	60.9	mg/kg	86	0.96	SW846 6010B	10/22-11/02/08	K017P1C8
			Dilution Factor: 1						
			Analysis Time..: 21:11		Instrument ID..: TRACEICP		Analyst ID.....: 022952		
			MS Run #.....: 8296135						
Lead									
	4.3	59.9	54.0	mg/kg	83		SW846 6010B	10/22-11/02/08	K017P1C9
	4.3	59.9	55.7	mg/kg	86	3.0	SW846 6010B	10/22-11/02/08	K017P1DA
			Dilution Factor: 1						
			Analysis Time..: 21:11		Instrument ID..: TRACEICP		Analyst ID.....: 022952		
			MS Run #.....: 8296135						
Selenium									
	ND	240	194	mg/kg	81		SW846 6010B	10/22-11/02/08	K017P1DC
	ND	240	200	mg/kg	83	2.9	SW846 6010B	10/22-11/02/08	K017P1DD
			Dilution Factor: 1						
			Analysis Time..: 21:11		Instrument ID..: TRACEICP		Analyst ID.....: 022952		
			MS Run #.....: 8296135						
Thallium									
	ND	240	189	mg/kg	79		SW846 6010B	10/22-11/02/08	K017P1DE
	ND	240	195	mg/kg	81	3.1	SW846 6010B	10/22-11/02/08	K017P1DF
			Dilution Factor: 1						
			Analysis Time..: 21:11		Instrument ID..: TRACEICP		Analyst ID.....: 022952		
			MS Run #.....: 8296135						

(Continued on next page)

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: C8J160275 **Matrix.....:** SO
Date Sampled...: 10/13/08 **Date Received..:** 10/16/08

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony									
	ND	59.9	42.1 N	mg/kg	70		SW846 6010B	10/22-11/02/08	K017P1DG
	ND	59.9	43.8 N	mg/kg	73	4.0	SW846 6010B	10/22-11/02/08	K017P1DH
			Dilution Factor: 1						
			Analysis Time..: 21:11		Instrument ID..: TRACEICP		Analyst ID.....: 022952		
			MS Run #.....: 8296135						
Vanadium									
	13.2	59.9	69.2	mg/kg	94		SW846 6010B	10/22-11/02/08	K017P1DJ
	13.2	59.9	69.7	mg/kg	94	0.70	SW846 6010B	10/22-11/02/08	K017P1DK
			Dilution Factor: 1						
			Analysis Time..: 21:11		Instrument ID..: TRACEICP		Analyst ID.....: 022952		
			MS Run #.....: 8296135						
Zinc									
	27.6	59.9	80.4	mg/kg	88		SW846 6010B	10/22-11/02/08	K017P1DL
	27.6	59.9	80.5	mg/kg	88	0.19	SW846 6010B	10/22-11/02/08	K017P1DM
			Dilution Factor: 1						
			Analysis Time..: 21:11		Instrument ID..: TRACEICP		Analyst ID.....: 022952		
			MS Run #.....: 8296135						

MS Lot-Sample #: C8J160275-001 **Prep Batch #...:** 8309177

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium									
	7.1	24.0	27.6	mg/kg	86		SW846 6010B	11/04-11/06/08	K017P1CQ
	7.1	24.0	28.1	mg/kg	87	1.7	SW846 6010B	11/04-11/06/08	K017P1CR
			Dilution Factor: 1						
			Analysis Time..: 14:45		Instrument ID..: TRACEICP		Analyst ID.....: 022952		
			MS Run #.....: 8309109						

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.

N Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: C8J160275 **Matrix.....:** SO
Date Sampled...: 10/13/08 **Date Received..:** 10/16/08

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: C8J160275-002 **Prep Batch #...:** 8303021							
Mercury	105	(75 - 125)			SW846 7471A	10/29/08	K017T1A7
	101	(75 - 125)	3.6	(0-20)	SW846 7471A	10/29/08	K017T1A8

Dilution Factor: 1
Analysis Time..: 08:52 Instrument ID..: HGHYDRA Analyst ID.....: 031043
MS Run #.....: 8303010

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.

TestAmerica Pittsburgh

Metals Data Reporting Form

Serial Dilution RPD Report

Serial Dilution Sample ID: K017PP

Original Sample ID: K017P **Client ID:** SB36(17.5-20)P

Matrix: Soil **Units:** mg/kg **Prep Date:** 10/22/2008 **Prep Batch:** 8296214

Weight: 1.00 **Volume:** 100 **Percent Moisture:** 16.562

Element	WL/ Mass	OS Conc	Q	Serial Dilution Conc	Q	Percent Diff	OS DF	Ser Dil DF	Instr	OS Anal Date	OS Anal Time	Ser Dil Anal Date	Ser Dil Anal Time
Aluminum	308.215	4190		4490		7.3	1	5	ICPST	11/2/2008	20:49	11/2/2008	21:05
Antimony	220.353	0.25	U	1.3	U		1	5	ICPST	11/2/2008	20:49	11/2/2008	21:05
Arsenic	189.042	2.2		1.7	U		1	5	ICPST	11/2/2008	20:49	11/2/2008	21:05
Barium	493.409	24.0		25.6	B	6.6	1	5	ICPST	11/2/2008	20:49	11/2/2008	21:05
Beryllium	313.042	0.48		0.91	B		1	5	ICPST	11/2/2008	20:49	11/2/2008	21:05
Cadmium	226.502	0.10	B	0.14	B		1	5	ICPST	11/2/2008	20:49	11/2/2008	21:05
Calcium	317.933	1860		1980	B	6.7	1	5	ICPST	11/2/2008	20:49	11/2/2008	21:05
Cobalt	228.616	4.1	B	4.4	B		1	5	ICPST	11/2/2008	20:49	11/2/2008	21:05
Copper	324.753	10.3		9.2	B		1	5	ICPST	11/2/2008	20:49	11/2/2008	21:05
Iron	271.441	11400		12200		6.9	1	5	ICPST	11/2/2008	20:49	11/2/2008	21:05
Lead	220.353	4.3		5.0			1	5	ICPST	11/2/2008	20:49	11/2/2008	21:05
Magnesium	279.078	1760		1890	B	7.0	1	5	ICPST	11/2/2008	20:49	11/2/2008	21:05
Manganese	257.61	94.3		101		6.9	1	5	ICPST	11/2/2008	20:49	11/2/2008	21:05
Nickel	231.604	9.6		10.2	B	6.5	1	5	ICPST	11/2/2008	20:49	11/2/2008	21:05
Potassium	766.491	723		800	B		1	5	ICPST	11/2/2008	20:49	11/2/2008	21:05
Selenium	220.353	0.21	U	1.0	U		1	5	ICPST	11/2/2008	20:49	11/2/2008	21:05
Silver	328.068	0.079	U	0.40	U		1	5	ICPST	11/2/2008	20:49	11/2/2008	21:05
Sodium	330.232	81.1	B	87.0	U		1	5	ICPST	11/2/2008	20:49	11/2/2008	21:05
Thallium	190.864	0.37	U	1.8	U		1	5	ICPST	11/2/2008	20:49	11/2/2008	21:05
Vanadium	292.402	13.2		14.6	B		1	5	ICPST	11/2/2008	20:49	11/2/2008	21:05
Zinc	213.856	27.6		31.2	E	13.0	1	5	ICPST	11/2/2008	20:49	11/2/2008	21:05

Comments:

5.22.0

U Result is less than the MDL

B Result is between MDL and RL

E Serial dilution percent difference not within limits

Form 9 Equivalent

CASE NARRATIVE

ENSR
Schenectady RI

Lot # C8J220183

Sample Receiving:
TestAmerica's Pittsburgh laboratory received samples on October 21, 2008. The cooler was received within the proper temperature range.

The chain of custody listed sample SB31(47.5-50). The 8 oz jar with a matching sampling time for this sample was labeled SB31(52.5-55). As discueed with the client, the sample jar was incorrectly labeled. The ID was SB31(47.4-50).

If project specific QC was not required for samples contained in this report and batch QC was completed on these samples, anomalous results will be discussed below.

GC/MS Volatiles:
Due to the concentration of target compounds detected, several samples were analyzed as medium level, methanol dilutions. Some required subsequent dilution.

The method blank for batch 8303599 had methylene chloride detected between the MDL and the reporting limit. The result was flagged with a "J" qualifier. Any sample in this batch that had this compound detected had the result flagged with a "B" qualifier.

The method blank for batch 8304449 had 1,2,4-trichlorobenzene detected between the MDL and the reporting limit. The result was flagged with a "J" qualifier. Any sample in this batch that had this compound detected had the result flagged with a "B" qualifier.

GC/MS Semivolatiles:
Due to the concentration of target compounds detected, several samples were analyzed at a dilution.

Samples SB38(22.5-25) (5X dilution) and SB39(32.5-35) (10X dilution) had surrogate 2,4,6-tribromophenol recover below the control limits. As all surrogates recoveries were within the control limits n the lesser dilution analyses, the results were reported.

Metals:
The method blank had analytes detected at concentrations between the MDL and the reporting limit. The results were flagged with a "B" qualifier. Any sample associated with a method blank that had the same analyte detected had the result flagged with a "J" qualifier.

General Chemistry:
The method blank for batch 8301732 had total cyanide detected at a concentration between the MDL and the reporting limit. The results were flagged with a "B" qualifier. Any sample associated with a method blank that had the same analyte detected had the result flagged with a "J" qualifier.

C8J220183

Chain of Custody Record

№ 0203

The RETEC Group, Inc.
1001 W. Seneca Street, Suite 204 • Ithaca, NY 14850-3342
(607) 277-5716 Phone • (607) 277-9057 Fax
www.retec.com

ENSR RETEC

Project Name: SCHENECTADY, NY	Project Number: 04980-011
Send Report To: JAMES EDWARDS	Sampler (Print Name): SCOTT HARRIGAN
Address: 1001 W. SENECA ST. SUITE 204 ITHACA, NY 14850	Sampler (Print Name): JESSE LLOYD
	Shipment Method: FEDEX
	Airbill Number:
Phone: 607-277-5716	Laboratory Receiving: TEST AMERICA PITTSBURGH
Fax: 607-277-9057	

Page 1 of 1

Purchase Order #: _____

Field Sample ID	Sample Date	Sample Time	Sample Matrix	Number of Containers	Analysis Requested: VOC (8260B)	SVOC (8270C)	TAL Metals	Total CN (9012A)	Comments, Special Instructions, etc.	Lab Sample ID (to be completed by lab)
SB 38 (22.5-25)	10/16/08	0930	Soil	3	X	X	X	X		
SB 38 (45-47.5)	10/16/08	1400	Soil	3	X	X	X	X		
SB 31 (25-27.5)	10/17/08	1150	Soil	3	X	X	X	X		
SB 31 (47.5-50)	10/17/08	1210	Soil	3	X	X	X	X		
SB39 (32.5-35)	10/20/08	1350	Soil	3	X	X	X	X		
SB39 (47.5-50)	10/20/08	1640	Soil	3	X	X	X	X		

Relinquished by: (Signature)	Received by: (Signature) 10/20/08	Date:	Time: 1700 FedEx
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
Relinquished by: (Signature)	Received by: (Signature) Patrick R Dawn	Date: 10/21/08	Time: 1200

Sample Custodian Remarks (Completed By Laboratory):

QA/QC Level		Turnaround	
Level I	☐	Routine	☒
Level II	☐	24 Hour	☐
Level III	☐	1 Week	☐
Other	☐	Other ____	

Sample Receipt	
Total # Containers Received?	
COC Seals Present?	
COC Seals Intact?	
Received Containers Intact?	
Temperature?	

White: Lab Copy Yellow: PM Copy Pink: Field Copy Gold: PM/QA/QC Copy

Cooler Receipt Form

TestAmerica Pittsburgh

Client: ENSR Project: _____ Quote: 72910

Cooler Rec'd & Opened for Temp. Check on: 10/21/08

Coolers Opened and Unpacked on: 10/22/08 By: PLF (Signature)

TestAmerica Pittsburgh Lot Number: C8J220183

		Yes	No	NA
1.	Were custody seals on the outside of the cooler?			✓
	If YES, how many and where? Quantity __ Location			
	Were signatures and date correct?			
2.	Were custody papers included inside the cooler?	✓		
3.	Were custody papers properly filled out (ink, signed, match labels)?	✓		
4.	Did you sign the custody papers in the appropriate place?	✓		
5.	Was shippers packing slip attached to this form?	✓		
6.	Were packing materials used?	✓		
	If YES, what type? Bubble Wrap			
7.	Were the samples received within the acceptable temperature range?	✓		
8.	Were the samples appropriately preserved?			✓
9.	Were all bottles sealed in separate plastic bags?			✓
10.	Did all bottles arrive in good condition (unbroken)?	✓		
11.	Were all bottle labels complete (sample ID, preservatives, etc.)?	✓		
12.	Did all bottle labels and/or tags agree with custody papers?		✓	
13.	Were correct bottles used for tests indicated?	✓		
14.	Were all VOA vials checked for the presence of air bubbles? PLF 10/21/08			✓
15.	Was a sufficient amount of sample sent in each bottle?			✓

16. Samples received by: FEDEX UPS CLIENT DROP-OFF OTHER DHL US CARGO

Explain any discrepancies: _____

Level 2 Review _____

Was contacted on _____ by _____ to resolve discrepancies.

Cooler Receipt Form

TestAmerica Pittsburgh

P: Preserved
UP: Unpreserved

Sample ID	TMET PH<2	DMET PH<2	HG PH<2	NUT(1) PH<2	CN PH ≥12	OG TPHC PH<2	PHEN PH<2	SULF PH ≥12	TOC PH<2	TOX PH<2	VOA P/UP	hrdnss PH<2			

(1) "NUT" could include sample bottles for ammonia, chemical oxygen demand, nitrate/nitrite, TKN, or total phosphorus

Comments: _____

Cooler Number	Temperature*	Thermometer ID
1	2.3	7

*Acceptable Temperature Range: 4°C ± 2°C

Sample	Lot Number**

**Please use an asterisk if bottle lot number was covered by the label

If samples required preservation in the laboratory, the following lot number(s) was/were used:

Nitric Acid _____ Hydrochloric Acid _____

Sulfuric Acid _____ Sodium Hydroxide _____

Work Order No.: _____

Condition Upon Receipt Variance Report
TestAmerica Pittsburgh Laboratory

Client: ENSR
Date: 10/22/08
Project No.: _____
Initiated by: RAF
Analysis Requested: See Below
RFA/COC: _____
Client Sample Numbers Affected: _____

Condition/Variance (Check all that apply):

1. ☒ Not enough sample received for proper analysis. Received approx. _____
2. ☒ Sample received broken/leaking.
3. ☒ Sample received without proper preservative.
   - ☒ Cooler temperature not within 4°C ± 2°C.
     Record temperature: _____
   - ☒ pH _____
   - ☒ other: _____
4. ☒ Sample received in improper container.
5. ☒ Sample received without proper paperwork.
6. ☒ Paperwork received without sample.
7. ☒ No sample ID on sample container.
8. ☒ Custody tape disturbed/broken/missing.
9. ☒ Sample splits performed by lab.
10. ☒ Volatile sample received with approximately _____ mm headspace.
11. ☒ Sample ID on container does not match on paperwork. Explain: See Below
12. ☒ All coolers on airbill not received with
13. ☒ Other (explain below):

Notes: The 250g jar for SB31(47.5-50) is labeled as ~~BB~~ SB31(52.5-55) The times match - sample will be logged according to the C.O.C.

Corrective Action:

☒ Client's Name: Scott Hauger — ~~Informed~~ replied verbally on: 10/29/08 By: DeL

☒ Client's Name: James Edwards — Informed in writing on: 10/23/08 By: DeL

☒ Sample(s) processed "as is" all bottles should be SB31(47.5-50)

☒ Sample(s) on hold until: _____ If released: _____

Sample Control Supervisor Review: [signature] Date: 10/22/08

Project Management Review: [signature] Date: 10/29/08

SIGNED ORIGINAL MUST BE RETAINED IN THE PROJECT FILE

TA PT/11-07/96-005/CURVR.DOC

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: C8J220183 **Work Order #...:** K1WPR1AA **Matrix.....:** SOLID
MB Lot-Sample #: C8J290000-599

Prep Date.....: 10/29/08 **Analysis Time..:** 22:23
Analysis Date..: 10/29/08 **Prep Batch #...:** 8303599 **Final Wgt/Vol..:** 5 mL
Dilution Factor: 1 **Initial Wgt/Vol:** 5 g **Instrument ID..:** HP3
Analyst ID.....: 403419

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	5.0	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	5.0	ug/kg	SW846 8260B
Dibromochloromethane	ND	5.0	ug/kg	SW846 8260B
1,2-Dibromo-3-chloro-propane	ND	5.0	ug/kg	SW846 8260B
1,2-Dibromoethane	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
1,2-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	5.0	ug/kg	SW846 8260B
Isopropylbenzene	ND	5.0	ug/kg	SW846 8260B
Methyl acetate	ND	5.0	ug/kg	SW846 8260B
Methylene chloride	**0.72 J**	**5.0**	**ug/kg**	**SW846 8260B**
Methylcyclohexane	ND	5.0	ug/kg	SW846 8260B
4-Methyl-2-pentanone	ND	5.0	ug/kg	SW846 8260B
Methyl tert-butyl ether	ND	5.0	ug/kg	SW846 8260B
Styrene	ND	5.0	ug/kg	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	SW846 8260B
1,2,4-Trichloro-benzene	ND	5.0	ug/kg	SW846 8260B

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METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: C8J220183 **Work Order #...:** K1WPR1AA **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Tetrachloroethene	ND	5.0	ug/kg	SW846 8260B
1,1,1-Trichloroethane	ND	5.0	ug/kg	SW846 8260B
1,1,2-Trichloroethane	ND	5.0	ug/kg	SW846 8260B
Trichloroethene	ND	5.0	ug/kg	SW846 8260B
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	15	ug/kg	SW846 8260B
Toluene	ND	5.0	ug/kg	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	92	(52 - 124)
Toluene-d8	110	(72 - 127)
4-Bromofluorobenzene	98	(63 - 120)
Dibromofluoromethane	90	(68 - 121)

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 #...: C8J220183 **Work Order #...:** K10QH1AA **Matrix.....:** SOLID
MB Lot-Sample #: C8J300000-449

Prep Date.....: 10/30/08 **Analysis Time..:** 15:12
Analysis Date..: 10/30/08 **Prep Batch #...:** 8304449 **Final Wgt/Vol..:** 5 mL
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL **Instrument ID..:** HP5
Analyst ID.....: 001562

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Acetone	ND	1000	ug/kg	SW846 8260B
Benzene	ND	250	ug/kg	SW846 8260B
Bromodichloromethane	ND	250	ug/kg	SW846 8260B
Bromoform	ND	250	ug/kg	SW846 8260B
Bromomethane	ND	250	ug/kg	SW846 8260B
2-Butanone	ND	250	ug/kg	SW846 8260B
Carbon disulfide	ND	250	ug/kg	SW846 8260B
Carbon tetrachloride	ND	250	ug/kg	SW846 8260B
Chlorobenzene	ND	250	ug/kg	SW846 8260B
Chloroethane	ND	250	ug/kg	SW846 8260B
Chloroform	ND	250	ug/kg	SW846 8260B
Chloromethane	ND	250	ug/kg	SW846 8260B
Cyclohexane	ND	250	ug/kg	SW846 8260B
Dibromochloromethane	ND	250	ug/kg	SW846 8260B
1,2-Dibromo-3-chloro-propane	ND	250	ug/kg	SW846 8260B
1,2-Dibromoethane	ND	250	ug/kg	SW846 8260B
1,3-Dichlorobenzene	ND	250	ug/kg	SW846 8260B
1,4-Dichlorobenzene	ND	250	ug/kg	SW846 8260B
1,2-Dichlorobenzene	ND	250	ug/kg	SW846 8260B
Dichlorodifluoromethane	ND	250	ug/kg	SW846 8260B
1,1-Dichloroethane	ND	250	ug/kg	SW846 8260B
1,2-Dichloroethane	ND	250	ug/kg	SW846 8260B
1,1-Dichloroethene	ND	250	ug/kg	SW846 8260B
cis-1,2-Dichloroethene	ND	250	ug/kg	SW846 8260B
trans-1,2-Dichloroethene	ND	250	ug/kg	SW846 8260B
1,2-Dichloropropane	ND	250	ug/kg	SW846 8260B
cis-1,3-Dichloropropene	ND	250	ug/kg	SW846 8260B
trans-1,3-Dichloropropene	ND	250	ug/kg	SW846 8260B
Ethylbenzene	ND	250	ug/kg	SW846 8260B
2-Hexanone	ND	250	ug/kg	SW846 8260B
Isopropylbenzene	ND	250	ug/kg	SW846 8260B
Methyl acetate	ND	250	ug/kg	SW846 8260B
Methylene chloride	ND	250	ug/kg	SW846 8260B
Methylcyclohexane	ND	250	ug/kg	SW846 8260B
4-Methyl-2-pentanone	ND	250	ug/kg	SW846 8260B
Methyl tert-butyl ether	ND	250	ug/kg	SW846 8260B
Styrene	ND	250	ug/kg	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	250	ug/kg	SW846 8260B
1,2,4-Trichloro-benzene	**22 J**	**250**	**ug/kg**	**SW846 8260B**

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METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: C8J220183 **Work Order #...:** K10QH1AA **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Tetrachloroethene	ND	250	ug/kg	SW846 8260B
1,1,1-Trichloroethane	ND	250	ug/kg	SW846 8260B
1,1,2-Trichloroethane	ND	250	ug/kg	SW846 8260B
Trichloroethene	ND	250	ug/kg	SW846 8260B
Trichlorofluoromethane	ND	250	ug/kg	SW846 8260B
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	250	ug/kg	SW846 8260B
Vinyl chloride	ND	250	ug/kg	SW846 8260B
Xylenes (total)	ND	750	ug/kg	SW846 8260B
Toluene	ND	250	ug/kg	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	97	(52 - 124)
Toluene-d8	99	(72 - 127)
4-Bromofluorobenzene	102	(63 - 120)
Dibromofluoromethane	99	(68 - 121)

NOTE(S):

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

J Estimated result. Result is less than RL.

TestAmerica Pittsburgh

CONTINUING CALIBRATION COMPOUNDS

MLSICV

Instrument ID: hp5.i
Lab File ID: 51030004.D
Analysis Type: SOIL
Lab Sample ID: ver40
Method: \\pitsvr06\d\chem\hp5.i\5103008d.b\med500.m

Injection Date: 30-OCT-2008 14:28
Init. Cal. Date(s): 30-OCT-2008 30-OCT-2008
Init. Cal. Times: 09:21 12:02
Quant Type: ISTD

COMPOUND	RRF / AMOUNT	RF40	CCAL RRF40	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE	
$ 39 Dibromofluoromethane	0.21238	0.21845	0.21845	0.010	-2.85707	25.00000	Averaged	
$ 43 1,2-Dichloroethane-d4	0.28015	0.27828	0.27828	0.010	0.66686	25.00000	Averaged	
$ 59 Toluene-d8	3.83786	3.79466	3.79466	0.010	1.12577	25.00000	Averaged	
$ 80 Bromofluorobenzene	1.57057	1.60268	1.60268	0.010	-2.04428	25.00000	Averaged	
1 Dichlorodifluoromethane	0.28946	0.19609	0.19609	0.010	32.25860	25.00000	Averaged	<-
2 Chloromethane	0.56256	0.48264	0.48264	0.100	14.20527	25.00000	Averaged	
3 Vinyl Chloride	0.37129	0.32601	0.32601	0.010	12.19613	20.00000	Averaged	
4 Bromomethane	0.09206	0.09302	0.09302	0.010	-1.03929	25.00000	Averaged	
5 Chloroethane	0.12011	0.15306	0.15306	0.010	-27.43058	25.00000	Averaged	<-
6 Trichlorofluoromethane	0.30946	0.32465	0.32465	0.010	-4.90778	25.00000	Averaged	
10 1,1,2-trichloro-1,2,2-trif	0.24815	0.22564	0.22564	0.010	9.07286	20.00000	Averaged	
12 1,1-Dichloroethene	0.24783	0.24806	0.24806	0.010	-0.09115	25.00000	Averaged	
15 Carbon Disulfide	0.80038	0.81460	0.81460	0.010	-1.77707	25.00000	Averaged	
13 Acetone	200	163	0.09157	0.010	18.45579	0.000e+000	Quadratic	
17 Acetonitrile	0.02335	0.02064	0.02064	0.001	11.63467	25.00000	Averaged	
18 Methylene Chloride	0.24732	0.25713	0.25713	0.010	-3.96578	25.00000	Averaged	
19 trans-1,2-Dichloroethene	0.27004	0.27607	0.27607	0.010	-2.23287	25.00000	Averaged	
20 Methyl tert-butyl ether	0.63926	0.67921	0.67921	0.010	-6.24937	25.00000	Averaged	
24 1,1-Dichloroethane	0.55968	0.56826	0.56826	0.100	-1.53377	25.00000	Averaged	
27 2,2-Dichloropropane	0.32789	0.36089	0.36089	0.010	-10.06480	25.00000	Averaged	
28 cis-1,2-dichloroethene	0.28032	0.29877	0.29877	0.010	-6.58036	25.00000	Averaged	
M 29 1,2-Dichloroethene (total)	0.27518	0.28742	0.28742	0.010	-4.44720	25.00000	Averaged	
30 Bromochloromethane	0.11890	0.12345	0.12345	0.010	-3.82180	25.00000	Averaged	
31 2-Butanone	0.16592	0.14249	0.14249	0.010	14.12204	25.00000	Averaged	
37 Chloroform	0.41414	0.42610	0.42610	0.010	-2.88735	20.00000	Averaged	
38 1,1,1-Trichloroethane	0.35268	0.38894	0.38894	0.010	-10.28170	25.00000	Averaged	
40 1,1-Dichloropropene	0.36456	0.36943	0.36943	0.010	-1.33811	25.00000	Averaged	
41 Carbon Tetrachloride	0.25765	0.29736	0.29736	0.010	-15.40976	25.00000	Averaged	
42 Benzene	1.05337	1.08019	1.08019	0.010	-2.54669	25.00000	Averaged	
45 1,2-Dichloroethane	0.38101	0.38321	0.38321	0.010	-0.57746	25.00000	Averaged	
47 Trichloroethene	0.26698	0.28125	0.28125	0.010	-5.34354	25.00000	Averaged	
49 1,2-Dichloropropane	0.30391	0.31341	0.31341	0.010	-3.12704	20.00000	Averaged	
50 Dibromomethane	0.13116	0.13406	0.13406	0.010	-2.21449	25.00000	Averaged	
53 Bromodichloromethane	0.27745	0.29289	0.29289	0.010	-5.56361	25.00000	Averaged	
57 cis-1,3-Dichloropropene	0.36914	0.39915	0.39915	0.010	-8.12887	25.00000	Averaged	
58 4-Methyl-2-Pentanone	1.34060	1.30353	1.30353	0.010	2.76471	25.00000	Averaged	
60 Toluene	4.86222	4.99169	4.99169	0.010	-2.66291	20.00000	Averaged	
61 trans-1,3-Dichloropropene	1.38919	1.44988	1.44988	0.010	-4.36808	25.00000	Averaged	
63 1,3-Dichloropropane	1.51269	1.50674	1.50674	0.010	0.39347	25.00000	Averaged	
64 1,1,2-Trichloroethane	0.81671	0.84735	0.84735	0.010	-3.75129	25.00000	Averaged	
65 Tetrachloroethene	0.89810	0.93011	0.93011	0.010	-3.56339	25.00000	Averaged	
66 2-Hexanone	0.92860	0.87328	0.87328	0.010	5.95731	25.00000	Averaged	
67 Dibromochloromethane	0.68666	0.76740	0.76740	0.010	-11.75861	25.00000	Averaged	

TestAmerica Pittsburgh

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: hp5.i
Lab File ID: 51030004.D
Analysis Type: SOIL
Lab Sample ID: ver40
Method: \\pitsvr06\d\chem\hp5.i\5103008d.b\med500.m

Injection Date: 30-OCT-2008 14:28
Init. Cal. Date(s): 30-OCT-2008 30-OCT-2008
Init. Cal. Times: 09:21 12:02
Quant Type: ISTD

COMPOUND	RRF / AMOUNT	RF40	CCAL RRF40	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE
68 1,2-Dibromoethane	0.82976	0.83609	0.83609	0.010	-0.76238	25.00000	Averaged
70 Chlorobenzene	3.13105	3.30480	3.30480	0.300	-5.54940	25.00000	Averaged
71 1,1,1,2-Tetrachloroethane	0.87561	0.98205	0.98205	0.010	-12.15542	25.00000	Averaged
72 Ethylbenzene	1.70424	1.77539	1.77539	0.010	-4.17452	20.00000	Averaged
73 m + p-Xylene	2.10558	2.21855	2.21855	0.010	-5.36502	25.00000	Averaged
74 Xylene-o	2.03738	2.17126	2.17126	0.010	-6.57145	25.00000	Averaged
M 75 Xylenes (total)	2.08285	2.20278	2.20278	0.010	-5.75839	25.00000	Averaged
76 Styrene	3.59557	3.84532	3.84532	0.010	-6.94628	25.00000	Averaged
77 Bromoform	200	223	0.44974	0.100	-11.45986	0.000e+000	Quadratic
78 Isopropylbenzene	5.44958	5.78856	5.78856	0.010	-6.22025	25.00000	Averaged
79 Bromobenzene	0.80513	0.84988	0.84988	0.010	-5.55840	25.00000	Averaged
81 n-Propylbenzene	1.01132	1.04285	1.04285	0.010	-3.11744	25.00000	Averaged
82 2-Chlorotoluene	0.81168	0.86485	0.86485	0.010	-6.55106	25.00000	Averaged
83 1,1,2,2-Tetrachloroethane	0.61650	0.62318	0.62318	0.300	-1.08343	25.00000	Averaged
84 1,2,3-Trichloropropane	0.19847	0.18424	0.18424	0.010	7.16803	25.00000	Averaged
85 4-Chlorotoluene	0.90831	0.94851	0.94851	0.010	-4.42647	25.00000	Averaged
86 1,3,5-Trimethylbenzene	2.87734	2.98791	2.98791	0.010	-3.84282	25.00000	Averaged
87 tert-Butylbenzene	2.63084	2.73626	2.73626	0.010	-4.00678	25.00000	Averaged
88 1,2,4-Trimethylbenzene	2.87903	3.03576	3.03576	0.010	-5.44357	25.00000	Averaged
89 sec-Butylbenzene	3.86114	3.98801	3.98801	0.010	-3.28577	25.00000	Averaged
90 4-Isopropyltoluene	3.33133	3.29637	3.29637	0.010	1.04946	25.00000	Averaged
91 1,3-Dichlorobenzene	1.53494	1.58797	1.58797	0.010	-3.45450	25.00000	Averaged
93 1,4-Dichlorobenzene	1.57799	1.63847	1.63847	0.010	-3.83284	25.00000	Averaged
94 n-Butylbenzene	3.18959	3.24155	3.24155	0.010	-1.62895	25.00000	Averaged
95 1,2-Dichlorobenzene	1.42015	1.47502	1.47502	0.010	-3.86402	25.00000	Averaged
96 1,2-Dibromo-3-chloropropane	200	206	0.11511	0.010	-2.80964	0.000e+000	Quadratic
97 1,2,4-Trichlorobenzene	1.05383	1.08163	1.08163	0.010	-2.63718	25.00000	Averaged
98 Hexachlorobutadiene	0.58734	0.60660	0.60660	0.010	-3.27839	25.00000	Averaged
99 Naphthalene	2.08559	2.15284	2.15284	0.010	-3.22426	25.00000	Averaged
100 1,2,3-Trichlorobenzene	0.85579	0.90264	0.90264	0.010	-5.47407	25.00000	Averaged
155 Methyl Acetate	0.27052	0.24265	0.24265	0.010	10.30315	25.00000	Averaged
156 Cyclohexane	0.78386	0.74520	0.74520	0.010	4.93239	25.00000	Averaged
157 Methyl Cyclohexane	0.52716	0.51360	0.51360	0.010	2.57079	25.00000	Averaged
161 1,3,5-Trichlorobenzene	1.20190	1.18757	1.18757	0.010	1.19253	50.00000	Averaged

TestAmerica Pittsburgh

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: hp3.i Injection Date: 29-OCT-2008 20:59
Lab File ID: 1C31029N.D Init. Cal. Date(s): 01-OCT-2008 27-OCT-2008
Analysis Type: SOIL Init. Cal. Times: 11:08 09:23
Lab Sample ID: vstd40 Quant Type: ISTD
Method: \\pitsvr06\d\chem\hp3.i\3102908N.b\8260bsoil.m

COMPOUND	RRF / AMOUNT	RF40	CCAL RRF40	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE	
$ 39 Dibromofluoromethane	0.21164	0.19852	0.19852	0.010	6.20028	25.00000	Averaged	
$ 43 1,2-Dichloroethane-d4	0.28150	0.26693	0.26693	0.010	5.17474	25.00000	Averaged	
$ 59 Toluene-d8	3.88075	4.21927	4.21927	0.010	-8.72321	25.00000	Averaged	
$ 80 Bromofluorobenzene	1.62914	1.63878	1.63878	0.010	-0.59200	25.00000	Averaged	
1 Dichlorodifluoromethane	0.23648	0.29413	0.29413	0.010	-24.37984	25.00000	Averaged	
2 Chloromethane	0.43512	0.40511	0.40511	0.100	6.89738	25.00000	Averaged	
3 Vinyl Chloride	0.35454	0.35604	0.35604	0.010	-0.42144	20.00000	Averaged	
4 Bromomethane	0.08956	0.09614	0.09614	0.010	-7.34655	25.00000	Averaged	
5 Chloroethane	0.10273	0.10492	0.10492	0.010	-2.12982	25.00000	Averaged	
166 Trichlorofluoromethane	0.22929	0.24551	0.24551	0.010	-7.07371	25.00000	Averaged	
10 1,1,2-trichloro-1,2,2-trifl	0.19118	0.22775	0.22775	0.010	-19.13238	25.00000	Averaged	
12 1,1-Dichloroethene	0.19695	0.23315	0.23315	0.010	-18.38193	20.00000	Averaged	
15 Carbon Disulfide	0.60793	0.77301	0.77301	0.010	-27.15441	25.00000	Averaged	<- 2
13 Acetone	200	145	0.11072	0.010	27.55229	0.000e+000	Quadratic	
17 Acetonitrile	0.02508	0.00007	0.00007	0.001	100	25.00000	Averaged	<- NA
18 Methylene Chloride	0.25157	0.28433	0.28433	0.010	-13.01950	25.00000	Averaged	
19 trans-1,2-Dichloroethene	0.23149	0.26057	0.26057	0.010	-12.56433	25.00000	Averaged	
20 Methyl tert-butyl ether	0.69330	0.76759	0.76759	0.010	-10.71471	25.00000	Averaged	
24 1,1-Dichloroethane	0.46715	0.49172	0.49172	0.100	-5.25938	25.00000	Averaged	
27 2,2-Dichloropropane	0.25344	0.27910	0.27910	0.010	-10.12452	25.00000	Averaged	
28 cis-1,2-dichloroethene	0.25711	0.28237	0.28237	0.010	-9.82245	25.00000	Averaged	
M 29 1,2-Dichloroethene (total)	0.24430	0.27147	0.27147	0.010	-11.12149	25.00000	Averaged	
30 Bromochloromethane	0.11530	0.12089	0.12089	0.010	-4.84692	25.00000	Averaged	
31 2-Butanone	0.20091	0.16784	0.16784	0.010	16.45779	25.00000	Averaged	
37 Chloroform	0.39351	0.43010	0.43010	0.010	-9.30061	20.00000	Averaged	
38 1,1,1-Trichloroethane	0.31515	0.34740	0.34740	0.010	-10.23413	25.00000	Averaged	
40 1,1-Dichloropropene	0.31824	0.37876	0.37876	0.010	-19.01683	25.00000	Averaged	
41 Carbon Tetrachloride	0.26677	0.28762	0.28762	0.010	-7.81498	25.00000	Averaged	
42 Benzene	0.99275	1.15019	1.15019	0.010	-15.85908	25.00000	Averaged	
45 1,2-Dichloroethane	0.35090	0.34073	0.34073	0.010	2.89671	25.00000	Averaged	
47 Trichloroethene	0.25289	0.26389	0.26389	0.010	-4.35066	25.00000	Averaged	
49 1,2-Dichloropropane	0.29155	0.28971	0.28971	0.010	0.62822	20.00000	Averaged	
50 Dibromomethane	0.13444	0.13055	0.13055	0.010	2.89007	25.00000	Averaged	
53 Bromodichloromethane	0.30182	0.31581	0.31581	0.010	-4.63510	25.00000	Averaged	
57 cis-1,3-Dichloropropene	0.40298	0.42317	0.42317	0.010	-5.01109	25.00000	Averaged	
58 4-Methyl-2-Pentanone	1.69036	1.50412	1.50412	0.010	11.01763	25.00000	Averaged	
60 Toluene	4.54156	5.18799	5.18799	0.010	-14.23377	20.00000	Averaged	
61 trans-1,3-Dichloropropene	1.58021	1.73878	1.73878	0.010	-10.03441	25.00000	Averaged	
63 1,3-Dichloropropane	1.67723	1.80131	1.80131	0.010	-7.39763	25.00000	Averaged	
64 1,1,2-Trichloroethane	0.91585	0.96057	0.96057	0.010	-4.88253	25.00000	Averaged	
65 Tetrachloroethene	0.85427	0.97337	0.97337	0.010	-13.94197	25.00000	Averaged	
66 2-Hexanone	1.33138	1.10492	1.10492	0.010	17.00952	25.00000	Averaged	
67 Dibromochloromethane	0.90506	0.95085	0.95085	0.010	-5.06025	25.00000	Averaged	

TestAmerica Pittsburgh

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: hp3.i Injection Date: 29-OCT-2008 20:59
Lab File ID: 1C31029N.D Init. Cal. Date(s): 01-OCT-2008 27-OCT-2008
Analysis Type: SOIL Init. Cal. Times: 11:08 09:23
Lab Sample ID: vstd40 Quant Type: ISTD
Method: \\pitsvr06\d\chem\hp3.i\3102908N.b\8260bsoil.m

COMPOUND	RRF / AMOUNT	RF40	CCAL RRF40	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE	
68 1,2-Dibromoethane	0.91307	0.97303	0.97303	0.010	-6.56706	25.00000	Averaged	
70 Chlorobenzene	3.01469	3.15022	3.15022	0.300	-4.49573	25.00000	Averaged	
71 1,1,1,2-Tetrachloroethane	1.02931	1.05683	1.05683	0.010	-2.67356	25.00000	Averaged	
72 Ethylbenzene	1.69912	1.97205	1.97205	0.010	-16.06274	20.00000	Averaged	
73 m + p-Xylene	2.07692	2.43060	2.43060	0.010	-17.02893	25.00000	Averaged	
74 Xylene-o	2.07986	2.39635	2.39635	0.010	-15.21693	25.00000	Averaged	
76 Styrene	3.50426	4.00619	4.00619	0.010	-14.32345	25.00000	Averaged	
77 Bromoform	0.59997	0.63619	0.63619	0.100	-6.03753	25.00000	Averaged	
78 Isopropylbenzene	5.35117	6.10995	6.10995	0.010	-14.17961	25.00000	Averaged	
79 Bromobenzene	0.86309	0.81073	0.81073	0.010	6.06680	25.00000	Averaged	
81 n-Propylbenzene	1.01547	1.07355	1.07355	0.010	-5.71945	25.00000	Averaged	
82 2-Chlorotoluene	0.86247	0.84353	0.84353	0.010	2.19670	25.00000	Averaged	
83 1,1,2,2-Tetrachloroethane	1.35166	1.41020	1.41020	0.300	-4.33125	25.00000	Averaged	
84 1,2,3-Trichloropropane	0.28549	0.27300	0.27300	0.010	4.37300	25.00000	Averaged	
85 4-Chlorotoluene	0.85483	0.89151	0.89151	0.010	-4.29113	25.00000	Averaged	
86 1,3,5-Trimethylbenzene	3.00002	3.26573	3.26573	0.010	-8.85721	25.00000	Averaged	
87 tert-Butylbenzene	2.64418	2.78878	2.78878	0.010	-5.46876	25.00000	Averaged	
88 1,2,4-Trimethylbenzene	3.04586	3.27203	3.27203	0.010	-7.42560	25.00000	Averaged	
89 sec-Butylbenzene	3.80389	4.32746	4.32746	0.010	-13.76400	25.00000	Averaged	
90 4-Isopropyltoluene	3.27789	3.51851	3.51851	0.010	-7.34045	25.00000	Averaged	
91 1,3-Dichlorobenzene	1.61311	1.64791	1.64791	0.010	-2.15730	25.00000	Averaged	
93 1,4-Dichlorobenzene	1.66511	1.68140	1.68140	0.010	-0.97802	25.00000	Averaged	
94 n-Butylbenzene	2.96311	3.37037	3.37037	0.010	-13.74432	25.00000	Averaged	
95 1,2-Dichlorobenzene	1.55120	1.52635	1.52635	0.010	1.60195	25.00000	Averaged	
96 1,2-Dibromo-3-chloropropane	0.18516	0.16589	0.16589	0.010	10.40287	25.00000	Averaged	
97 1,2,4-Trichlorobenzene	1.17984	1.12869	1.12869	0.010	4.33611	25.00000	Averaged	
98 Hexachlorobutadiene	0.55292	0.59646	0.59646	0.010	-7.87436	25.00000	Averaged	
99 Naphthalene	2.86403	2.68187	2.68187	0.010	6.36037	25.00000	Averaged	
100 1,2,3-Trichlorobenzene	1.05662	0.97133	0.97133	0.010	8.07191	25.00000	Averaged	
156 Methyl Acetate	0.27706	0.25282	0.25282	0.010	8.74947	25.00000	Averaged	
157 Cyclohexane	0.54607	0.63311	0.63311	0.010	-15.93885	25.00000	Averaged	
158 Methyl Cyclohexane	0.46112	0.57980	0.57980	0.010	-25.73876	25.00000	Averaged	<-2
165 1,3,5-Trichlorobenzene	1.32463	1.29319	1.29319	0.010	2.37284	50.00000	Averaged	
M 75 Xylenes (total)	2.07790	2.41918	2.41918	0.010	-16.42436	25.00000	Averaged	

(2001 - 2374)

TestAmerica Pittsburgh

INITIAL CALIBRATION DATA

Start Cal Date : 08-OCT-2008 21:35
End Cal Date : 08-OCT-2008 23:37
Quant Method : ISTD
Origin : Included
Target Version : 4.14
Integrator : HP RTE
Method file : \\PITSVR06\D\chem\733.i\N100808.b\8270ll.m
Last Edit : 09-Oct-2008 00:22 733.i

Compound	0.4000000 Level 1 / 80.0000 Level 7	2.0000 Level 2	4.0000 Level 3	10.0000 Level 4	20.0000 Level 5	40.0000 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2	
206 Benzaldehyde	0.40992 / 0.46609	0.37744	0.40293	0.44646	0.54300	0.66005	AVRG		0.47227		20.93617	<- AVG
22 Phenol	1.59572 / 1.56813	1.62697	1.52861	1.57817	1.58979	1.62677	AVRG		1.58774		2.16702	
23 bis(2-Chloroethyl)ether	1.01961 / 1.00742	1.04628	1.02631	1.02687	1.02407	1.02541	AVRG		1.02514		1.12435	
24 2-Chlorophenol	1.34785 / 1.34000	1.30722	1.29479	1.34826	1.31770	1.36602	AVRG		1.33169		1.92410	
25 Pentachloroethane	+++++ / +++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+000		0.000e+000	<-
26 1,3-Dichlorobenzene	1.62100 / 1.63360	1.59577	1.54107	1.58552	1.54049	1.61721	AVRG		1.59067		2.36602	
27 1,4-Dichlorobenzene	1.78738 / 1.63085	1.60598	1.56325	1.58951	1.59885	1.64279	AVRG		1.63123		4.51634	

2199

C8J220183

TestAmerica Pittsburgh

Semivolatile REPORT SW-846 Method 8270

Data file : \\PITSVR06\D\chem\733.i\N100808.b\N1008STV.D
Lab Smp Id: stdver20 Client Smp ID: STDVER20
Inj Date : 08-OCT-2008 23:57
Operator : 3200 Inst ID: 733.i
Smp Info : STDVER20(10ug/ml) BNA0669-08 8270c
Misc Info : stdver20,N100808.b,827011.m,padep.sub
Comment :
Method : \\PITSVR06\D\chem\733.i\N100808.b\827011.m
Meth Date : 09-Oct-2008 00:22 piccolinov Quant Type: ISTD
Cal Date : 08-OCT-2008 23:37 Cal File: N1008IC7.D
Als bottle: 99
Dil Factor: 1.00000 Compound Sublist: padep.sub
Integrator: HP RTE
Target Version: 4.14
Processing Host: PITPC-502

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (NG)	FINAL (NG)
* 1	1,4-Dichlorobenzene-d4	152	4.634	4.628	(1.000)	150393	8.00000	
* 2	Naphthalene-d8	136	5.606	5.600	(1.000)	548778	8.00000	
* 3	Acenaphthene-d10	164	6.952	6.952	(1.000)	335283	8.00000	
* 4	Phenanthrene-d10	188	8.096	8.095	(1.000)	550570	8.00000	
* 5	Chrysene-d12	240	10.152	10.152	(1.000)	360651	8.00000	
* 6	Perylene-d12	264	11.605	11.605	(1.000)	213494	8.00000	
198	1,4-Dioxane	88	1.519	1.519	(0.328)	145978	20.3349	20.335
10	N-Nitrosodimethylamine	74	2.022	2.032	(0.436)	204919	24.4714	24.471
9	Pyridine	79	2.048	2.048	(0.442)	396364	22.8253	22.825
16	Methyl methanesulfonate	80	3.443	3.447	(0.743)	268205	23.3277	23.328
206	Benzaldehyde	77	4.287	4.286	(0.925)	385349	43.4036	43.404
21	Aniline	93	4.372	4.377	(0.944)	766310	24.7877	24.788
22	Phenol	94	4.361	4.372	(0.941)	663687	22.2355	22.235
23	bis(2-Chloroethyl)ether	93	4.431	4.430	(0.956)	415683	21.5696	21.570
24	2-Chlorophenol	128	4.468	4.468	(0.964)	541902	21.6461	21.646
26	1,3-Dichlorobenzene	146	4.586	4.585	(0.990)	635165	21.2408	21.241
27	1,4-Dichlorobenzene	146	4.645	4.644	(1.002)	649125	21.1678	21.168
28	1,2-Dichlorobenzene	146	4.762	4.762	(1.028)	615821	21.5958	21.596
29	Benzyl Alcohol	108	4.735	4.735	(1.022)	335986	22.2242	22.224
30	2-Methylphenol	108	4.826	4.826	(1.041)	442360	20.6820	20.682
31	2,2'-oxybis(1-Chloropropane)	45	4.842	4.842	(1.045)	375841	17.5755	17.576
37	Acetophenone	105	4.938	4.938	(1.066)	717725	22.2038	22.204
32	N-Nitroso-di-n-propylamine	70	4.938	4.943	(1.066)	325490	22.8417	22.842
192	4-Methylphenol	108	4.938	4.938	(1.066)	504420	22.3692	22.369
34	Hexachloroethane	117	5.024	5.023	(1.084)	265089	22.2712	22.271
35	Nitrobenzene	77	5.067	5.066	(0.904)	526345	21.6832	21.683
41	Isophorone	82	5.248	5.248	(0.936)	922077	22.5465	22.546
42	2-Nitrophenol	139	5.312	5.312	(0.948)	292798	23.5600	23.560
43	2,4-Dimethylphenol	107	5.339	5.339	(0.952)	485944	19.2281	19.228
44	bis(2-Chloroethoxy)methane	93	5.414	5.413	(0.966)	532774	21.4388	21.439
48	2,4-Dichlorophenol	162	5.494	5.494	(0.980)	494575	22.1678	22.168
49	Benzoic Acid	122	5.392	5.429	(0.962)	219797	25.9957	25.996
50	1,2,4-Trichlorobenzene	180	5.563	5.563	(0.992)	607156	21.8833	21.883

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (NG)	CONCENTRATIONS FINAL (NG)
51 Naphthalene	128	5.622	5.622	(1.003)	1574764	21.9276	21.928
52 4-Chloroaniline	127	5.654	5.659	(1.009)	638807	22.7488	22.749
54 2,6-Dichlorophenol	162	5.665	5.664	(1.010)	496824	21.2795	21.280
56 Hexachlorobutadiene	225	5.724	5.718	(1.021)	410088	20.5768	20.577
208 Caprolactam	113	5.911	5.926	(1.054)	123186	23.8888	23.889
59 4-Chloro-3-Methylphenol	107	6.023	6.022	(1.074)	465752	22.0969	22.097
62 2-Methylnaphthalene	142	6.151	6.151	(1.097)	1006861	21.8070	21.807
63 1-Methylnaphthalene	142	6.226	6.225	(1.111)	992956	21.6160	21.616
64 Hexachlorocyclopentadiene	237	6.279	6.273	(0.903)	467468	21.7735	21.774
66 2,4,6-Trichlorophenol	196	6.365	6.364	(0.915)	382812	21.6452	21.645
67 2,4,5-Trichlorophenol	196	6.391	6.391	(0.919)	407827	21.8542	21.854
209 1,1'-Biphenyl	154	6.504	6.503	(0.935)	1327569	21.3168	21.317
70 2-Chloronaphthalene	162	6.525	6.525	(0.939)	1058748	21.2131	21.213
73 2-Nitroaniline	65	6.594	6.594	(0.949)	286392	22.8182	22.818
76 Dimethylphthalate	163	6.728	6.728	(0.968)	1130839	21.6095	21.610
78 2,6-Dinitrotoluene	165	6.776	6.776	(0.975)	243106	22.7578	22.758
79 Acenaphthylene	152	6.846	6.840	(0.985)	1574550	21.4477	21.448
81 3-Nitroaniline	138	6.904	6.904	(0.993)	242085	23.1813	23.181
82 Acenaphthene	153	6.979	6.979	(1.004)	979613	21.1085	21.108
83 2,4-Dinitrophenol	184	6.984	6.984	(1.005)	117094	23.1868	23.187
85 4-Nitrophenol	109	7.022	7.027	(1.010)	169595	21.9520	21.952
86 Dibenzofuran	168	7.107	7.107	(1.022)	1462633	21.6374	21.637
87 2,4-Dinitrotoluene	165	7.086	7.085	(1.019)	321073	23.4711	23.471
91 2,3,5,6-Tetrachlorophenol	232	7.166	7.166	(1.031)	323285	21.5830	21.583
88 2,3,4,6-Tetrachlorophenol	232	7.203	7.203	(1.036)	321526	21.3355	21.336
92 2-Naphthylamine	143	7.225	7.224	(1.039)	692130	32.7355	32.735
93 Diethylphthalate	149	7.268	7.272	(1.045)	1106849	21.8752	21.875
94 Fluorene	166	7.374	7.374	(1.061)	1198542	22.0344	22.034
95 4-Chlorophenyl-phenylether	204	7.369	7.363	(1.060)	665932	22.5337	22.534
96 4-Nitroaniline	138	7.374	7.379	(1.061)	265762	24.0668	24.067
98 4,6-Dinitro-2-methylphenol	198	7.401	7.401	(0.914)	162078	21.5031	21.503
99 N-Nitrosodiphenylamine (1)	169	7.455	7.454	(0.921)	801592	21.7541	21.754
100 1,2-Diphenylhydrazine	77	7.487	7.486	(0.925)	1210687	21.6955	21.696
106 4-Bromophenyl-phenylether	248	7.743	7.743	(0.956)	358538	21.2826	21.283
107 Hexachlorobenzene	284	7.807	7.807	(0.964)	354420	21.8616	21.862
210 Atrazine	200	7.855	7.855	(0.970)	309076	35.4361	35.436
111 Pentachlorophenol	266	7.946	7.946	(0.982)	201024	19.6151	19.615
115 Phenanthrene	178	8.117	8.117	(1.003)	1494369	20.2691	20.269
116 Anthracene	178	8.154	8.154	(1.007)	1573276	21.5295	21.529
119 Carbazole	167	8.272	8.271	(1.022)	1291670	21.3944	21.394
120 Di-n-Butylphthalate	149	8.518	8.517	(1.052)	1651994	22.0892	22.089
123 Fluoranthene	202	9.036	9.035	(1.116)	1421589	20.4053	20.405
124 Benzidine	184	9.121	9.121	(0.898)	519109	27.4270	27.427
125 Pyrene	202	9.217	9.217	(0.908)	1433515	21.4338	21.434
131 Butylbenzylphthalate	149	9.677	9.671	(0.953)	616058	22.8328	22.833
135 3,3'-Dichlorobenzidine	252	10.104	10.104	(0.995)	419223	20.4026	20.403
136 Benzo(a)Anthracene	228	10.142	10.141	(0.999)	1218228	21.1655	21.166
137 Chrysene	228	10.174	10.173	(1.002)	1095871	20.5939	20.594
139 bis(2-ethylhexyl)Phthalate	149	10.104	10.104	(0.995)	815387	22.0211	22.021
140 Di-n-octylphthalate	149	10.660	10.659	(0.919)	1121531	20.6677	20.668
141 Benzo(b)fluoranthene	252	11.167	11.167	(0.962)	943028	22.4451	22.445
142 Benzo(k)fluoranthene	252	11.194	11.199	(0.965)	825468	18.7844	18.784
143 7,12-dimethylbenz(a)anthracen	256	11.151	11.156	(0.961)	387371	18.9326	18.932
146 Benzo(a)pyrene	252	11.541	11.541	(0.994)	727527	22.6832	22.683

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (NG)	CONCENTRATIONS FINAL (NG)
149 Indeno(1,2,3-cd)pyrene	276	13.080	13.090	(1.127)	785999	20.9422	20.942
150 Dibenz(a,h)anthracene	278	13.090	13.095	(1.128)	658031	20.7265	20.726
151 Benzo(g,h,i)perylene	276	13.534	13.533	(1.166)	611242	20.5239	20.524
$ 154 Nitrobenzene-d5	82	Compound Not Detected.					
$ 155 2-Fluorobiphenyl	172	Compound Not Detected.					
$ 156 Terphenyl-d14	244	Compound Not Detected.					
$ 157 Phenol-d5	99	Compound Not Detected.					
$ 158 2-Fluorophenol	112	Compound Not Detected.					
$ 159 2,4,6-Tribromophenol	329	Compound Not Detected.					
$ 186 2-Chlorophenol-d4	132	Compound Not Detected.					
$ 187 1,2-Dichlorobenzene-d4	152	Compound Not Detected					

TestAmerica Pittsburgh

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: 733.i
Lab File ID: N10270CC.D
Analysis Type:
Lab Sample ID: sstd4.0
Method: \\PITSVR06\D\chem\733.i\N102708.b\827011.m

Injection Date: 27-OCT-2008 02:57
Init. Cal. Date(s): 08-OCT-2008 08-OCT-2008
Init. Cal. Times: 21:35 23:37
Quant Type: ISTD

COMPOUND	RRF / AMOUNT	RF4	CCAL RRF4	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE
198 1,4-Dioxane	0.38186	0.35334	0.35334	0.010	7.47036	25.00000	Averaged
10 N-Nitrosodimethylamine	0.44544	0.36771	0.36771	0.010	17.44959	25.00000	Averaged
9 Pyridine	0.92372	0.73800	0.73800	0.010	20.10544	25.00000	Averaged
16 Methyl methanesulfonate	0.61159	0.52114	0.52114	0.010	14.78900	25.00000	Averaged
206 Benzaldehyde	0.47227	0.39905	0.39905	0.010	15.50353	25.00000	Averaged
21 Aniline	1.64449	1.48004	1.48004	0.010	10.00035	25.00000	Averaged
22 Phenol	1.58774	1.51425	1.51425	0.010	4.62872	20.00000	Averaged
23 bis(2-Chloroethyl)ether	1.02514	0.97701	0.97701	0.010	4.69458	25.00000	Averaged
24 2-Chlorophenol	1.33169	1.24582	1.24582	0.010	6.44820	25.00000	Averaged
26 1,3-Dichlorobenzene	1.59067	1.58200	1.58200	0.010	0.54486	25.00000	Averaged
27 1,4-Dichlorobenzene	1.63123	1.57048	1.57048	0.010	3.72413	20.00000	Averaged
28 1,2-Dichlorobenzene	1.51687	1.48819	1.48819	0.010	1.89055	25.00000	Averaged
29 Benzyl Alcohol	0.80419	0.73416	0.73416	0.010	8.70727	25.00000	Averaged
30 2-Methylphenol	1.13774	1.13520	1.13520	0.010	0.22393	25.00000	Averaged
31 2,2'-oxybis(1-Chloropropane	1.13752	1.08251	1.08251	0.010	4.83539	25.00000	Averaged
37 Acetophenone	1.71947	1.64780	1.64780	0.010	4.16821	25.00000	Averaged
32 N-Nitroso-di-n-propylamine	0.75800	0.73793	0.73793	0.050	2.64751	50.00000	Averaged
192 4-Methylphenol	1.19951	1.20038	1.20038	0.010	-0.07261	25.00000	Averaged
34 Hexachloroethane	0.63316	0.63310	0.63310	0.010	0.00840	25.00000	Averaged
35 Nitrobenzene	0.35387	0.32703	0.32703	0.010	7.58426	25.00000	Averaged
41 Isophorone	0.59619	0.55936	0.55936	0.010	6.17770	25.00000	Averaged
42 2-Nitrophenol	0.18117	0.18037	0.18037	0.010	0.43963	20.00000	Averaged
43 2,4-Dimethylphenol	0.36842	0.34505	0.34505	0.010	6.34268	25.00000	Averaged
44 bis(2-Chloroethoxy)methane	0.36227	0.34175	0.34175	0.010	5.66472	25.00000	Averaged
48 2,4-Dichlorophenol	0.32524	0.31344	0.31344	0.010	3.62806	20.00000	Averaged
49 Benzoic Acid	10.00000	12.70248	0.13965	0.010	-27.02479	0.000e+000	Quadratic
50 1,2,4-Trichlorobenzene	0.40446	0.38619	0.38619	0.010	4.51899	25.00000	Averaged
51 Naphthalene	1.04693	1.00425	1.00425	0.010	4.07669	25.00000	Averaged
52 4-Chloroaniline	0.40936	0.39572	0.39572	0.010	3.33154	25.00000	Averaged
54 2,6-Dichlorophenol	0.34036	0.33670	0.33670	0.010	1.07396	25.00000	Averaged
56 Hexachlorobutadiene	0.29053	0.27026	0.27026	0.010	6.97672	20.00000	Averaged
208 Caprolactam	0.07517	0.07435	0.07435	0.010	1.09893	25.00000	Averaged
59 4-Chloro-3-Methylphenol	0.30727	0.30061	0.30061	0.010	2.16673	20.00000	Averaged
62 2-Methylnaphthalene	0.67308	0.66780	0.66780	0.010	0.78492	25.00000	Averaged
63 1-Methylnaphthalene	0.66965	0.65603	0.65603	0.010	2.03339	25.00000	Averaged
64 Hexachlorocyclopentadiene	0.51227	0.30656	0.30656	0.050	40.15724	50.00000	Averaged
66 2,4,6-Trichlorophenol	0.42199	0.38448	0.38448	0.010	8.88872	20.00000	Averaged
67 2,4,5-Trichlorophenol	0.44527	0.40712	0.40712	0.010	8.56645	25.00000	Averaged
209 1,1'-Biphenyl	1.48598	1.31331	1.31331	0.010	11.61962	25.00000	Averaged
70 2-Chloronaphthalene	1.19087	1.07497	1.07497	0.010	9.73246	25.00000	Averaged
73 2-Nitroaniline	0.29947	0.25627	0.25627	0.010	14.42598	25.00000	Averaged
76 Dimethylphthalate	1.24863	1.15758	1.15758	0.010	7.29198	25.00000	Averaged

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CONTINUING CALIBRATION COMPOUNDS

Instrument ID: 733.i Injection Date: 27-OCT-2008 02:57
Lab File ID: N10270CC.D Init. Cal. Date(s): 08-OCT-2008 08-OCT-2008
Analysis Type: Init. Cal. Times: 21:35 23:37
Lab Sample ID: sstd4.0 Quant Type: ISTD
Method: \\PITSVR06\D\chem\733.i\N102708.b\827011.m

COMPOUND	RRF / AMOUNT	RF4	CCAL RRF4	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE
78 2,6-Dinitrotoluene	0.25488	0.23504	0.23504	0.010	7.78422	25.00000	Averaged
79 Acenaphthylene	1.75168	1.63491	1.63491	0.010	6.66582	25.00000	Averaged
81 3-Nitroaniline	0.24918	0.23750	0.23750	0.010	4.68687	25.00000	Averaged
82 Acenaphthene	1.10732	1.03853	1.03853	0.010	6.21224	20.00000	Averaged
83 2,4-Dinitrophenol	10.00000	11.40005	0.10518	0.050	-14.00051	0.000e+000	Quadratic
85 4-Nitrophenol	0.18434	0.15440	0.15440	0.050	16.24173	50.00000	Averaged
86 Dibenzofuran	1.61291	1.52337	1.52337	0.010	5.55166	25.00000	Averaged
87 2,4-Dinitrotoluene	0.32640	0.32921	0.32921	0.010	-0.85998	25.00000	Averaged
91 2,3,5,6-Tetrachlorophenol	0.35740	0.34990	0.34990	0.010	2.09689	25.00000	Averaged
88 2,3,4,6-Tetrachlorophenol	0.35958	0.35525	0.35525	0.010	1.20337	25.00000	Averaged
92 2-Naphthylamine	0.50448	0.48382	0.48382	0.010	4.09577	25.00000	Averaged
93 Diethylphthalate	1.20730	1.12045	1.12045	0.010	7.19373	25.00000	Averaged
94 Fluorene	1.29787	1.18113	1.18113	0.010	8.99501	25.00000	Averaged
95 4-Chlorophenyl-phenylether	0.70514	0.65166	0.65166	0.010	7.58485	25.00000	Averaged
96 4-Nitroaniline	0.26348	0.23968	0.23968	0.010	9.03493	25.00000	Averaged
98 4,6-Dinitro-2-methylphenol	10.00000	10.98038	0.10826	0.010	-9.80383	0.000e+000	Quadratic
99 N-Nitrosodiphenylamine (1)	0.53541	0.50653	0.50653	0.010	5.39446	20.00000	Averaged
100 1,2-Diphenylhydrazine	0.81085	0.66739	0.66739	0.010	17.69182	25.00000	Averaged
106 4-Bromophenyl-phenylether	0.24479	0.22929	0.22929	0.010	6.33135	25.00000	Averaged
107 Hexachlorobenzene	0.23557	0.22159	0.22159	0.010	5.93245	25.00000	Averaged
210 Atrazine	0.12674	0.11470	0.11470	0.010	9.49579	25.00000	Averaged
111 Pentachlorophenol	10.00000	10.61410	0.14722	0.010	-6.14098	0.000e+000	Quadratic
115 Phenanthrene	1.07127	0.97927	0.97927	0.010	8.58830	25.00000	Averaged
116 Anthracene	1.06182	0.99452	0.99452	0.010	6.33740	25.00000	Averaged
119 Carbazole	0.87726	0.82917	0.82917	0.010	5.48252	25.00000	Averaged
120 Di-n-Butylphthalate	1.08669	1.00819	1.00819	0.010	7.22401	25.00000	Averaged
123 Fluoranthene	1.01230	0.98320	0.98320	0.010	2.87472	20.00000	Averaged
124 Benzidine	4.00000	3.46985	0.22418	0.010	13.25374	0.000e+000	Quadratic
125 Pyrene	1.48356	1.33615	1.33615	0.010	9.93642	25.00000	Averaged
131 Butylbenzylphthalate	0.59850	0.51969	0.51969	0.010	13.16794	25.00000	Averaged
135 3,3'-Dichlorobenzidine	4.00000	4.01270	0.39309	0.010	-0.31740	0.000e+000	Quadratic
136 Benzo(a)Anthracene	1.27674	1.26340	1.26340	0.010	1.04497	25.00000	Averaged
137 Chrysene	1.18038	1.17861	1.17861	0.010	0.15059	25.00000	Averaged
139 bis(2-ethylhexyl)Phthalate	0.82135	0.71034	0.71034	0.010	13.51523	25.00000	Averaged
140 Di-n-octylphthalate	4.00000	3.30969	1.24562	0.010	17.25769	0.000e+000	Quadratic
141 Benzo(b)fluoranthene	1.57437	1.24750	1.24750	0.010	20.76174	25.00000	Averaged
142 Benzo(k)fluoranthene	1.64667	1.37559	1.37559	0.010	16.46247	25.00000	Averaged
143 7,12-dimethylbenz[a]anthrac	4.00000	3.30608	0.56463	0.010	17.34809	0.000e+000	Quadratic
146 Benzo(a)pyrene	1.20184	1.13106	1.13106	0.010	5.88966	20.00000	Averaged
149 Indeno(1,2,3-cd)pyrene	4.00000	3.63235	1.14312	0.010	9.19137	0.000e+000	Quadratic
150 Dibenz(a,h)anthracene	4.00000	3.40884	0.89597	0.010	14.77888	0.000e+000	Quadratic
151 Benzo(g,h,i)perylene	1.11598	1.02011	1.02011	0.010	8.59115	25.00000	Averaged

TestAmerica Pittsburgh

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: 733.i
Lab File ID: N10270CC.D
Analysis Type:
Lab Sample ID: sstd4.0
Method: \\PITSVR06\D\chem\733.i\N102708.b\827011.m

Injection Date: 27-OCT-2008 02:57
Init. Cal. Date(s): 08-OCT-2008 08-OCT-2008
Init. Cal. Times: 21:35 23:37
Quant Type: ISTD

COMPOUND	RRF / AMOUNT	RF4	CCAL RRF4	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE
$ 154 Nitrobenzene-d5	0.35675	0.31931	0.31931	0.010	10.49553	25.00000	Averaged
$ 155 2-Fluorobiphenyl	1.35260	1.21465	1.21465	0.010	10.19834	25.00000	Averaged
$ 156 Terphenyl-d14	1.04283	0.96595	0.96595	0.010	7.37248	25.00000	Averaged
$ 157 Phenol-d5	1.43373	1.35075	1.35075	0.010	5.78780	25.00000	Averaged
$ 158 2-Fluorophenol	1.16250	1.03407	1.03407	0.010	11.04775	25.00000	Averaged
$ 159 2,4,6-Tribromophenol	4.00000	4.15174	0.09367	0.010	-3.79357	0.000e+000	Quadratic
$ 186 2-Chlorophenol-d4	1.35327	1.31236	1.31236	0.010	3.02301	25.00000	Averaged
$ 187 1,2-Dichlorobenzene-d4	1.00054	1.00456	1.00456	0.010	-0.40130	25.00000	Averaged

METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: C8J220183 **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: C8J290000-105 **Prep Batch #...:** 8303105						
Silver	**0.073 B**	**0.50**	**mg/kg**	**SW846 6010B**	**10/29-10/31/08**	**K1THX1AA**
		Dilution Factor: 1				
		Analysis Time..: 04:16		Analyst ID.....: 022952	Instrument ID..: TRA	
Aluminum	ND	20.0	mg/kg	SW846 6010B	10/29-10/31/08	K1THX1AC
		Dilution Factor: 1				
		Analysis Time..: 04:16		Analyst ID.....: 022952	Instrument ID..: TRA	
Arsenic	ND	1.0	mg/kg	SW846 6010B	10/29-10/31/08	K1THX1AD
		Dilution Factor: 1				
		Analysis Time..: 04:16		Analyst ID.....: 022952	Instrument ID..: TRA	
Barium	ND	20.0	mg/kg	SW846 6010B	10/29-10/31/08	K1THX1AE
		Dilution Factor: 1				
		Analysis Time..: 04:16		Analyst ID.....: 022952	Instrument ID..: TRA	
Beryllium	**0.058 B**	**0.40**	**mg/kg**	**SW846 6010B**	**10/29-10/31/08**	**K1THX1AF**
		Dilution Factor: 1				
		Analysis Time..: 04:16		Analyst ID.....: 022952	Instrument ID..: TRA	
Calcium	ND	500	mg/kg	SW846 6010B	10/29-10/31/08	K1THX1AG
		Dilution Factor: 1				
		Analysis Time..: 04:16		Analyst ID.....: 022952	Instrument ID..: TRA	
Cadmium	**0.026 B**	**0.50**	**mg/kg**	**SW846 6010B**	**10/29-10/31/08**	**K1THX1AH**
		Dilution Factor: 1				
		Analysis Time..: 04:16		Analyst ID.....: 022952	Instrument ID..: TRA	
Cobalt	ND	5.0	mg/kg	SW846 6010B	10/29-10/31/08	K1THX1AJ
		Dilution Factor: 1				
		Analysis Time..: 04:16		Analyst ID.....: 022952	Instrument ID..: TRA	
Chromium	ND	0.50	mg/kg	SW846 6010B	10/29-10/31/08	K1THX1AK
		Dilution Factor: 1				
		Analysis Time..: 04:16		Analyst ID.....: 022952	Instrument ID..: TRA	
Copper	ND	2.5	mg/kg	SW846 6010B	10/29-10/31/08	K1THX1AL
		Dilution Factor: 1				
		Analysis Time..: 04:16		Analyst ID.....: 022952	Instrument ID..: TRA	
Iron	ND	10.0	mg/kg	SW846 6010B	10/29-10/31/08	K1THX1AM
		Dilution Factor: 1				
		Analysis Time..: 04:16		Analyst ID.....: 022952	Instrument ID..: TRA	

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METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: C8J220183 **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Potassium	ND	500	mg/kg	SW846 6010B	10/29-10/31/08	K1THX1AN
		Dilution Factor: 1				
		Analysis Time..: 04:16		Analyst ID.....: 022952	Instrument ID..: TRA	
Magnesium	ND	500	mg/kg	SW846 6010B	10/29-10/31/08	K1THX1AP
		Dilution Factor: 1				
		Analysis Time..: 04:16		Analyst ID.....: 022952	Instrument ID..: TRA	
Manganese	ND	1.5	mg/kg	SW846 6010B	10/29-10/31/08	K1THX1AQ
		Dilution Factor: 1				
		Analysis Time..: 04:16		Analyst ID.....: 022952	Instrument ID..: TRA	
Sodium	ND	500	mg/kg	SW846 6010B	10/29-10/31/08	K1THX1AR
		Dilution Factor: 1				
		Analysis Time..: 04:16		Analyst ID.....: 022952	Instrument ID..: TRA	
Nickel	ND	4.0	mg/kg	SW846 6010B	10/29-10/31/08	K1THX1AT
		Dilution Factor: 1				
		Analysis Time..: 04:16		Analyst ID.....: 022952	Instrument ID..: TRA	
Lead	ND	0.30	mg/kg	SW846 6010B	10/29-10/31/08	K1THX1AU
		Dilution Factor: 1				
		Analysis Time..: 04:16		Analyst ID.....: 022952	Instrument ID..: TRA	
Selenium	ND	0.50	mg/kg	SW846 6010B	10/29-10/31/08	K1THX1AV
		Dilution Factor: 1				
		Analysis Time..: 04:16		Analyst ID.....: 022952	Instrument ID..: TRA	
Thallium	ND	1.0	mg/kg	SW846 6010B	10/29-10/31/08	K1THX1AW
		Dilution Factor: 1				
		Analysis Time..: 04:16		Analyst ID.....: 022952	Instrument ID..: TRA	
Antimony	ND	1.0	mg/kg	SW846 6010B	10/29-10/31/08	K1THX1AX
		Dilution Factor: 1				
		Analysis Time..: 04:16		Analyst ID.....: 022952	Instrument ID..: TRA	
Vanadium	ND	5.0	mg/kg	SW846 6010B	10/29-10/31/08	K1THX1A0
		Dilution Factor: 1				
		Analysis Time..: 04:16		Analyst ID.....: 022952	Instrument ID..: TRA	
Zinc	**0.24 B**	**2.0**	**mg/kg**	**SW846 6010B**	**10/29-10/31/08**	**K1THX1A1**
		Dilution Factor: 1				
		Analysis Time..: 04:16		Analyst ID.....: 022952	Instrument ID..: TRA	

(Continued on next page)

METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: C8J220183 **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: C8J300000-032 **Prep Batch #...:** 8304032						
Mercury	ND	0.033	mg/kg	SW846 7471A	10/30/08	K1WQ41AA

Dilution Factor: 1

Analysis Time..: 09:58 Analyst ID.....: 031043 Instrument ID..: HGH

NOTE(S):

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

B Estimated result. Result is less than RL.

TestAmerica Pittsburgh

Metals Data Reporting Form

Initial Calibration Blank Results

Instrument: ICPST **Units:** ug/L

Chart Number: T81030A.ARC

Standard Source: _____ **Standard ID:** _____

Element	WL/ Mass	Report Limit	ICB1 10/30/2008 9:37 PM Found	Q	Found	Q	Found	Q	Found	Q	Found	Q
Aluminum	308.215	200	24.0	U								
Antimony	220.353	10	2.1	U								
Arsenic	189.042	10	2.9	U								
Barium	493.409	200	0.8	U								
Beryllium	313.042	4	**0.4**	**B**								
Cadmium	226.502	5	0.2	U								
Calcium	317.933	6000	17.0	U								
Chromium	267.716	5	0.6	U								
Cobalt	228.616	50	0.8	U								
Copper	324.753	25	2.6	U								
Iron	271.441	100	12.9	U								
Lead	220.353	3	1.6	U								
Magnesium	279.078	5000	20.9	U								
Manganese	257.61	15	0.6	U								
Nickel	231.604	40	1.4	U								
Potassium	766.491	5000	750.0	U								
Selenium	220.353	5	1.7	U								
Silver	328.068	200	0.7	U								
Sodium	330.232	5000	**-370.0**	**B**								
Thallium	190.864	10	3.1	U								
Vanadium	292.402	50	2.4	U								
Zinc	213.856	20	**1.8**	**B**								

TestAmerica Pittsburgh

Metals Data Reporting Form

Continuing Calibration Blank Result

Instrument: ICPST **Units:** ug/L

Chart Number: T81030A.ARC

Standard Source: _____ **Standard ID:** _____

Element	WL/ Mass	Report Limit	CCB1 10/30/2008 10:05 PM Found	Q	CCB2 10/30/2008 11:11 PM Found	Q	CCB3 10/31/2008 12:17 AM Found	Q	CCB4 10/31/2008 1:23 AM Found	Q	CCB5 10/31/2008 2:29 AM Found	Q
Aluminum	308.215	200	24.0	U	24.0	U	24.0	U	24.0	U	24.0	U
Antimony	220.353	10	2.1	U	2.1	U	2.1	U	2.1	U	2.1	U
Arsenic	189.042	10	2.9	U	2.9	U	2.9	U	2.9	U	2.9	U
Barium	493.409	200	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U
Beryllium	313.042	4	**0.3**	**B**	**0.4**	**B**	**0.4**	**B**	**0.5**	**B**	**0.6**	**B**
Cadmium	226.502	5	0.2	U	0.2	U	**0.2**	**B**	**0.2**	**B**	0.2	U
Calcium	317.933	6000	17.0	U	17.0	U	17.0	U	17.0	U	17.0	U
Chromium	267.716	5	0.6	U	0.6	U	**0.6**	**B**	0.6	U	0.6	U
Cobalt	228.616	50	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U
Copper	324.753	25	2.6	U	2.6	U	**3.1**	**B**	2.6	U	2.6	U
Iron	271.441	100	12.9	U	12.9	U	12.9	U	12.9	U	12.9	U
Lead	220.353	3	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U
Magnesium	279.078	5000	20.9	U	20.9	U	20.9	U	20.9	U	20.9	U
Manganese	257.61	15	0.6	U	0.6	U	0.6	U	0.6	U	0.6	U
Nickel	231.604	40	1.4	U	1.4	U	1.4	U	1.4	U	1.4	U
Potassium	766.491	5000	750.0	U	750.0	U	750.0	U	750.0	U	750.0	U
Selenium	220.353	5	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U
Silver	328.068	200	0.7	U	0.7	U	**0.7**	**B**	0.7	U	**0.7**	**B**
Sodium	330.232	5000	**-430.0**	**B**	**-320.0**	**B**	**-450.0**	**B**	**-300.0**	**B**	**-340.0**	**B**
Thallium	190.864	10	3.1	U	3.1	U	3.1	U	3.1	U	3.1	U
Vanadium	292.402	50	2.4	U	2.4	U	2.4	U	2.4	U	2.4	U
Zinc	213.856	20	1.8	U	**1.9**	**B**	**6.1**	**B**	**1.9**	**B**	**2.3**	**B**

U Result is less than the MDL
B Result is between MDL and RL

Form 3 Equivalent

TestAmerica Pittsburgh

Metals Data Reporting Form

Continuing Calibration Blank Result

Instrument: ICPST **Units:** ug/L

Chart Number: T81030A.ARC

Standard Source: _____ **Standard ID:** _____

Element	WL/ Mass	Report Limit	CCB6 10/31/2008 3:37 AM Found	Q	CCB7 10/31/2008 4:43 AM Found	Q	CCB8 10/31/2008 5:49 AM Found	Q	CCB9 10/31/2008 6:58 AM Found	Q	Found	Q
Aluminum	308.215	200	24.0	U	24.0	U	24.0	U	24.0	U		
Antimony	220.353	10	2.1	U	2.1	U	2.1	U	2.1	U		
Arsenic	189.042	10	2.9	U	2.9	U	2.9	U	2.9	U		
Barium	493.409	200	0.8	U	0.8	U	0.8	U	0.8	U		
Beryllium	313.042	4	**0.7**	**B**	**0.7**	**B**	**0.9**	**B**	**0.8**	**B**		
Cadmium	226.502	5	**0.3**	**B**	0.2	U	0.2	U	0.2	U		
Calcium	317.933	6000	17.0	U	17.0	U	17.0	U	17.0	U		
Chromium	267.716	5	**0.6**	**B**	0.6	U	0.6	U	0.6	U		
Cobalt	228.616	50	0.8	U	0.8	U	0.8	U	0.8	U		
Copper	324.753	25	2.6	U	2.6	U	2.6	U	2.6	U		
Iron	271.441	100	12.9	U	12.9	U	12.9	U	12.9	U		
Lead	220.353	3	1.6	U	1.6	U	1.6	U	1.6	U		
Magnesium	279.078	5000	20.9	U	20.9	U	20.9	U	20.9	U		
Manganese	257.61	15	0.6	U	0.6	U	0.6	U	0.6	U		
Nickel	231.604	40	1.4	U	1.4	U	1.4	U	1.4	U		
Potassium	766.491	5000	750.0	U	750.0	U	750.0	U	750.0	U		
Selenium	220.353	5	1.7	U	1.7	U	1.7	U	1.7	U		
Silver	328.068	200	**1.0**	**B**	0.7	U	0.7	U	0.7	U		
Sodium	330.232	5000	**-290.0**	**B**	**-390.0**	**B**	**-240.0**	**B**	**-470.0**	**B**		
Thallium	190.864	10	3.1	U	**3.2**	**B**	3.1	U	3.1	U		
Vanadium	292.402	50	2.4	U	2.4	U	2.4	U	2.4	U		
Zinc	213.856	20	**1.9**	**B**	**1.9**	**B**	**2.0**	**B**	1.8	U		

U Result is less than the MDL

B Result is between MDL and RL

Form 3 Equivalent

TestAmerica Pittsburgh

Metals Data Reporting Form

Contract Required Detection Limit Standard

Instrument: ICPST **Units:** ug/L

Chart Number: T81030A.ARC **Acceptable Range:** 50% - 150%

Standard Source: Inorganic Ventures **Standard ID:** MET4418-08

Element	WL/ Mass	True Conc	CRA/RLV 10/30/2008 9:43 PM Found	% Rec	Found	% Rec	Found	% Rec	Found	% Rec	Found	% Rec
Aluminum	308.215	200.0	195.49	**97.7**								
Antimony	220.353	10.0	9.59	**95.9**								
Arsenic	189.042	10.0	9.62	**96.2**								
Barium	493.409	200.0	204.42	**102.2**								
Beryllium	313.042	4.0	4.21	**105.3**								
Cadmium	226.502	5.0	5.19	**103.8**								
Calcium	317.933	5000.0	5153.16	**103.1**								
Chromium	267.716	5.0	5.37	**107.4**								
Cobalt	228.616	50.0	50.79	**101.6**								
Copper	324.753	25.0	26.19	**104.8**								
Iron	271.441	100.0	83.71	**83.7**								
Lead	220.353	3.0	2.91	**97.0**								
Magnesium	279.078	5000.0	4934.98	**98.7**								
Manganese	257.61	15.0	15.26	**101.7**								
Nickel	231.604	40.0	40.51	**101.3**								
Potassium	766.491	5000.0	4503.43	**90.1**								
Selenium	220.353	5.0	6.59	**131.8**								
Silver	328.068	5.0	5.82	**116.4**								
Sodium	330.232	5000.0	5173.20	**103.5**								
Thallium	190.864	10.0	9.72	**97.2**								
Vanadium	292.402	50.0	50.55	**101.1**								
Zinc	213.856	20.0	22.02	**110.1**								

ENSR, Schenectady RI

Cyanide, Total

Lab Name:	TESTAMERICA PITTSBURGH	**Method:**	SW846 9012A
Client Name:	ENSR International	**Report ID:**	C8J220183
Matrix:	SOLID	**Date/Time Received:**	10/18/2008 11:30:00AM

Client Sample ID	Sample Number	Workorder	Result	Units	Reporting Limit	Prep Date-Analysis Date/Time	QC Batch	RPD / Limit (%)
BLK - C8J270000166B	166 MB	K1NEN1AA	ND	mg/kg	0.50	10/27/2008 - 10/27/2008 11:45	8301166	
BLK - C8J270000167B	167 MB	K1NEM1AA	ND	mg/kg	0.50	10/27/2008 - 10/27/2008 12:08	8301167	
BLK - C8J270000372B	372 MB	K1N5T1AA	0.37 B	mg/kg	0.50	10/27/2008 - 10/27/2008 15:23	8301372	

B Estimated result. Result is less than RL

CASE NARRATIVE

ENSR
Schenectady RI

Lot # C8J290111

Sample Receiving:
TestAmerica's Pittsburgh laboratory received samples on October 28, 2008. The cooler was received within the proper temperature range.

If project specific QC was not required for samples contained in this report and batch QC was completed on these samples, anomalous results will be discussed below.

GC/MS Volatiles:
Due to the concentration of target compounds detected, several samples were analyzed as medium level, methanol dilutions. These samples also required subsequent dilution.

The method blank for batch 8304532 had methylene chloride detected between the MDL and the reporting limit. The result was flagged with a "J" qualifier. Any sample in this batch that had this compound detected had the result flagged with a "B" qualifier.

GC/MS Semivolatiles:
Due to the concentration of target compounds detected, several samples were analyzed at a dilution. Several samples had the surrogates diluted out.

The matrix spike and matrix spike duplicate of sample SB34(32.5-35) had recoveries above the control limits. Possibly due to the concentrations of these compounds dectected in the samples compared to the concentrations spiked. The RPDs between the spikes were within control limits.

Metals:
The method blank had analytes detected at concentrations between the MDL and the reporting limit. The results were flagged with a "B" qualifier. Any sample associated with a method blank that had the same analyte detected had the result flagged with a "J" qualifier.

General Chemistry:
There were no problems associated with the analysis.

Chain of Custody Record

SEVERN TRENT **STL**

Severn Trent Laboratories, Inc.

STL-4124 (0901)

Client: AECOM (ENSR) ITHACA	Project Manager: JAMES EDWARDS	Date: 10/27/08	Chain of Custody Number: 257740
Address: 1001 W. SENECA ST.	Telephone Number (Area Code)/Fax Number: 607-277-5716	Lab Number:	Page 1 of 1
City: ITHACA / State: NY / Zip Code: 14850	Site Contact: JESSE LLOYD	Lab Contact:	
Project Name and Location (State): CLINTON ST MGP, SCHENECTADY, NY	Carrier/Waybill Number:		
Contract/Purchase Order/Quote No.: C4980-011-200			

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Containers & Preservatives: Unpres.	H_2SO_4	HNO_3	HCl	NaOH	ZnAc/NaOH	Analysis: TCL VOC (8260B)	TCL SVOC (8270C)	TAL Metals (6010B/7000)	TOTAL CN (9012A)	Special Instructions/ Conditions of Receipt
SB34 (32.5-35)	10/21/08	1130				X	X3						X	X	X	X	
SB34 (42.5-45)	10/21/08	1330				X	X3						X	X	X	X	
SB33 (22.5-25)	10/22/08	1040				X	X3						X	X	X	X	
SB33 (35-37.5)	10/22/08	1100				X	X3						X	X	X	X	
SB28 (33.5-35)	10/23/08	1330				X	X3						X	X	X	X	
SB28 (47.5-50)	10/23/08	1400				X	X3						X	X	X	X	
SB30 (41.5-43.5)	10/27/08	1136				X	X3						X	X	X	X	
SB300 (41.5-43.5)	10/27/08	1135				X	X3						X	X	X	X	
SB30 (50-52.5)	10/27/08	1430				X	X3						X	X	X	X	

Possible Hazard Identification: ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal: ☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months (A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required: ☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☒ Other ROUTINE

QC Requirements (Specify):

1. Relinquished By: (AECOM)	Date: 10/27/08	Time: 1700	1. Received By	Date	Time
2. Relinquished By	Date	Time	2. Received By: Patrick R. Garrett	Date: 10/28/08	Time: 1000
3. Relinquished By	Date	Time	3. Received By	Date	Time

Comments:

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

C8290111 9 (1 - 146)

Cooler Receipt Form
TestAmerica Pittsburgh

Client: AECOM/ENSR Project: _____ Quote: 72910

Cooler Rec'd & Opened for Temp. Check on: 10/28/08

Coolers Opened and Unpacked on: 10/29/08 By: RLF
(Signature)

TestAmerica Pittsburgh Lot Number: C8J290111

		Yes	No	NA
1.	Were custody seals on the outside of the cooler?			✓
	If YES, how many and where? Quantity __ Location			✓
	Were signatures and date correct?			
2.	Were custody papers included inside the cooler?	✓		
3.	Were custody papers properly filled out (ink, signed, match labels)?	✓		
4.	Did you sign the custody papers in the appropriate place?	✓		
5.	Was shippers packing slip attached to this form?	✓		
6.	Were packing materials used?	✓		
	If YES, what type? Bubble Wrap			
7.	Were the samples received within the acceptable temperature range?	✓		
8.	Were the samples appropriately preserved?			✓
9.	Were all bottles sealed in separate plastic bags?		✓	
10.	Did all bottles arrive in good condition (unbroken)?	✓		
11.	Were all bottle labels complete (sample ID, preservatives, etc.)?	✓		
12.	Did all bottle labels and/or tags agree with custody papers?	✓		
13.	Were correct bottles used for tests indicated?	✓		
14.	Were all VOA vials checked for the presence of air bubbles?			✓
15.	Was a sufficient amount of sample sent in each bottle?	✓		

16. Samples received by: (FEDEX) UPS CLIENT DROP-OFF OTHER DHL US CARGO

Explain any discrepancies: _____

Level 2 Review _____

Was contacted on _____ by _____ to resolve discrepancies.

Cooler Receipt Form

TestAmerica Pittsburgh

P: Preserved

UP: Unpreserved

Sample ID	TMET PH<2	DMET PH<2	HG PH<2	NUT(1) PH<2	CN PH ≥12	OG TPHC PH<2	PHEN PH<2	SULF PH ≥12	TOC PH<2	TOX PH<2	VOA P/UP	hrdnss PH<2			

(1) "NUT" could include sample bottles for ammonia, chemical oxygen demand, nitrate/nitrite, TKN, or total phosphorus

Comments: _____

_____

_____

Cooler Number	Temperature*	Thermometer ID
1	4.2°	10

*Acceptable Temperature Range: 4°C ± 2°C

Sample	Lot Number**

**Please use an asterisk if bottle lot number was covered by the label

If samples required preservation in the laboratory, the following lot number(s) was/were used:

Nitric Acid _____ Hydrochloric Acid _____

Sulfuric Acid _____ Sodium Hydroxide _____

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: C8J290111 **Work Order #...:** K104L1AA **Matrix.....:** SOLID
MB Lot-Sample #: C8J300000-532

Prep Date.....: 10/31/08 **Analysis Time..:** 07:41
Analysis Date..: 10/31/08 **Prep Batch #...:** 8304532 **Final Wgt/Vol..:** 5 mL
Dilution Factor: 1 **Initial Wgt/Vol:** 5 **Instrument ID..:** HP3
Analyst ID.....: 010099

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	5.0	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	5.0	ug/kg	SW846 8260B
Dibromochloromethane	ND	5.0	ug/kg	SW846 8260B
1,2-Dibromo-3-chloro-propane	ND	5.0	ug/kg	SW846 8260B
1,2-Dibromoethane	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
1,2-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	5.0	ug/kg	SW846 8260B
Isopropylbenzene	ND	5.0	ug/kg	SW846 8260B
Methyl acetate	ND	5.0	ug/kg	SW846 8260B
Methylene chloride	**1.2 J**	**5.0**	**ug/kg**	**SW846 8260B**
Methylcyclohexane	ND	5.0	ug/kg	SW846 8260B
4-Methyl-2-pentanone	ND	5.0	ug/kg	SW846 8260B
Methyl tert-butyl ether	ND	5.0	ug/kg	SW846 8260B
Styrene	ND	5.0	ug/kg	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	SW846 8260B
1,2,4-Trichloro-benzene	ND	5.0	ug/kg	SW846 8260B

(Continued on next page)

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: C8J290111 **Work Order #...:** K104L1AA **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Tetrachloroethene	ND	5.0	ug/kg	SW846 8260B
1,1,1-Trichloroethane	ND	5.0	ug/kg	SW846 8260B
1,1,2-Trichloroethane	ND	5.0	ug/kg	SW846 8260B
Trichloroethene	ND	5.0	ug/kg	SW846 8260B
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	15	ug/kg	SW846 8260B
Toluene	ND	5.0	ug/kg	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	99	(52 - 124)
Toluene-d8	102	(72 - 127)
4-Bromofluorobenzene	97	(63 - 120)
Dibromofluoromethane	92	(68 - 121)

NOTE(S):

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

J Estimated result. Result is less than RL.

TestAmerica Pittsburgh

MLS

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: hp4.i
Lab File ID: 1C41103.D
Analysis Type: SOIL
Lab Sample ID: vstd40
Method: \\PITSVR06\D\chem\hp4.i\4110308D.b\med500.m

Injection Date: 03-NOV-2008 08:27
Init. Cal. Date(s): 29-OCT-2008 29-OCT-2008
Init. Cal. Times: 21:25 23:43
Quant Type: ISTD

COMPOUND	RRF / AMOUNT	RF40	CCAL RRF40	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE	
$ 39 Dibromofluoromethane	0.21548	0.22581	0.22581	0.010	-4.79488	25.00000	Averaged	
$ 43 1,2-Dichloroethane-d4	0.28698	0.30485	0.30485	0.010	-6.22479	25.00000	Averaged	
$ 59 Toluene-d8	3.87696	4.36939	4.36939	0.010	-12.70168	25.00000	Averaged	
$ 80 Bromofluorobenzene	1.42303	1.60146	1.60146	0.010	-12.53867	25.00000	Averaged	
1 Dichlorodifluoromethane	0.35253	0.37254	0.37254	0.010	-5.67608	25.00000	Averaged	
2 Chloromethane	0.40942	0.40396	0.40396	0.100	1.33412	25.00000	Averaged	
3 Vinyl Chloride	0.34815	0.36392	0.36392	0.010	-4.52790	20.00000	Averaged	
4 Bromomethane	0.10321	0.11731	0.11731	0.010	-13.67117	25.00000	Averaged	
5 Chloroethane	0.13001	0.13931	0.13931	0.010	-7.15252	25.00000	Averaged	
6 Trichlorofluoromethane	0.39804	0.38318	0.38318	0.010	3.73315	25.00000	Averaged	
10 1,1,2-trichloro-1,2,2-trifl	0.26504	0.26664	0.26664	0.010	-0.60548	25.00000	Averaged	
12 1,1-Dichloroethene	0.26359	0.25688	0.25688	0.010	2.54836	20.00000	Averaged	
15 Carbon Disulfide	0.84386	0.79897	0.79897	0.010	5.31972	25.00000	Averaged	
13 Acetone	200	241	0.10351	0.010	-20.66326	0.000e+000	Quadratic	
18 Methylene Chloride	0.26753	0.26733	0.26733	0.010	0.07675	25.00000	Averaged	
19 trans-1,2-Dichloroethene	0.28068	0.27762	0.27762	0.010	1.08976	25.00000	Averaged	
20 Methyl tert-butyl ether	0.71838	0.74548	0.74548	0.010	-3.77358	25.00000	Averaged	
24 1,1-Dichloroethane	0.48888	0.47120	0.47120	0.100	3.61641	25.00000	Averaged	
27 2,2-Dichloropropane	0.30872	0.30809	0.30809	0.010	0.20318	25.00000	Averaged	
28 cis-1,2-dichloroethene	0.28480	0.28506	0.28506	0.010	-0.09129	25.00000	Averaged	
M 29 1,2-Dichloroethene (total)	0.28274	0.28134	0.28134	0.010	0.49493	25.00000	Averaged	
30 Bromochloromethane	0.13812	0.13706	0.13706	0.010	0.77033	25.00000	Averaged	
31 2-Butanone	0.13325	0.14280	0.14280	0.010	-7.17055	25.00000	Averaged	
37 Chloroform	0.43486	0.42808	0.42808	0.010	1.55853	20.00000	Averaged	
38 1,1,1-Trichloroethane	0.39063	0.39009	0.39009	0.010	0.13679	25.00000	Averaged	
40 1,1-Dichloropropene	0.36864	0.36370	0.36370	0.010	1.34106	25.00000	Averaged	
41 Carbon Tetrachloride	0.30973	0.32118	0.32118	0.010	-3.69698	25.00000	Averaged	
42 Benzene	1.06429	1.05103	1.05103	0.010	1.24537	25.00000	Averaged	
45 1,2-Dichloroethane	0.38834	0.38834	0.38834	0.010	-0.00031	25.00000	Averaged	
47 Trichloroethene	0.29294	0.29279	0.29279	0.010	0.05062	25.00000	Averaged	
49 1,2-Dichloropropane	0.25545	0.24989	0.24989	0.010	2.17515	20.00000	Averaged	
50 Dibromomethane	0.13606	0.14094	0.14094	0.010	-3.58483	25.00000	Averaged	
53 Bromodichloromethane	0.30618	0.32198	0.32198	0.010	-5.16004	25.00000	Averaged	
57 cis-1,3-Dichloropropene	0.38489	0.40396	0.40396	0.010	-4.95446	25.00000	Averaged	
58 4-Methyl-2-Pentanone	1.13176	1.35125	1.35125	0.010	-19.39442	25.00000	Averaged	
60 Toluene	4.74647	4.95179	4.95179	0.010	-4.32571	20.00000	Averaged	
61 trans-1,3-Dichloropropene	1.43130	1.66867	1.66867	0.010	-16.58413	25.00000	Averaged	
63 1,3-Dichloropropane	1.56769	1.67764	1.67764	0.010	-7.01350	25.00000	Averaged	
64 1,1,2-Trichloroethane	0.85836	0.94949	0.94949	0.010	-10.61605	25.00000	Averaged	
65 Tetrachloroethene	1.01512	1.02806	1.02806	0.010	-1.27529	25.00000	Averaged	
66 2-Hexanone	0.74141	0.95393	0.95393	0.010	-28.66471	25.00000	Averaged	<-
67 Dibromochloromethane	0.86170	0.97931	0.97931	0.010	-13.64823	25.00000	Averaged	
68 1,2-Dibromoethane	0.89009	0.99154	0.99154	0.010	-11.39748	25.00000	Averaged	

Report Date: 03-Nov-2008 08:46

TestAmerica Pittsburgh

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: hp4.i
Lab File ID: 1C41103.D
Analysis Type: SOIL
Lab Sample ID: vstd40
Method: \\PITSVR06\D\chem\hp4.i\4110308D.b\med500.m

Injection Date: 03-NOV-2008 08:27
Init. Cal. Date(s): 29-OCT-2008 29-OCT-2008
Init. Cal. Times: 21:25 23:43
Quant Type: ISTD

COMPOUND	RRF / AMOUNT	RF40	CCAL RRF40	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE	
70 Chlorobenzene	3.04716	3.17284	3.17284	0.300	-4.12452	25.00000	Averaged	
71 1,1,1,2-Tetrachloroethane	0.96880	1.05876	1.05876	0.010	-9.28536	25.00000	Averaged	
72 Ethylbenzene	1.79778	1.86627	1.86627	0.010	-3.80970	20.00000	Averaged	
73 m + p-Xylene	2.20144	2.28793	2.28793	0.010	-3.92863	25.00000	Averaged	
74 Xylene-o	2.12055	2.25812	2.25812	0.010	-6.48732	25.00000	Averaged	
76 Styrene	3.48932	3.76444	3.76444	0.010	-7.88485	25.00000	Averaged	
77 Bromoform	0.52063	0.65884	0.65884	0.100	-26.54651	25.00000	Averaged	<-
78 Isopropylbenzene	5.59797	5.82559	5.82559	0.010	-4.06607	25.00000	Averaged	
79 Bromobenzene	0.84438	0.85908	0.85908	0.010	-1.74162	25.00000	Averaged	
81 n-Propylbenzene	1.00059	0.94940	0.94940	0.010	5.11581	25.00000	Averaged	
82 2-Chlorotoluene	0.81984	0.77493	0.77493	0.010	5.47833	25.00000	Averaged	
83 1,1,2,2-Tetrachloroethane	0.62778	0.68784	0.68784	0.300	-9.56586	25.00000	Averaged	
84 1,2,3-Trichloropropane	0.22166	0.23754	0.23754	0.010	-7.16681	25.00000	Averaged	
85 4-Chlorotoluene	0.85395	0.81719	0.81719	0.010	4.30540	25.00000	Averaged	
86 1,3,5-Trimethylbenzene	2.87495	2.79471	2.79471	0.010	2.79111	25.00000	Averaged	
87 tert-Butylbenzene	2.55862	2.44824	2.44824	0.010	4.31412	25.00000	Averaged	
88 1,2,4-Trimethylbenzene	2.88038	2.81486	2.81486	0.010	2.27470	25.00000	Averaged	
89 sec-Butylbenzene	3.74815	3.56638	3.56638	0.010	4.84959	25.00000	Averaged	
90 4-Isopropyltoluene	3.17354	3.08121	3.08121	0.010	2.90951	25.00000	Averaged	
91 1,3-Dichlorobenzene	1.59099	1.60178	1.60178	0.010	-0.67806	25.00000	Averaged	
93 1,4-Dichlorobenzene	1.66258	1.67670	1.67670	0.010	-0.84953	25.00000	Averaged	
94 n-Butylbenzene	2.75259	2.68449	2.68449	0.010	2.47394	25.00000	Averaged	
95 1,2-Dichlorobenzene	1.46345	1.50679	1.50679	0.010	-2.96109	25.00000	Averaged	
96 1,2-Dibromo-3-chloropropane	200	226	0.11206	0.010	-13.02584	0.000e+000	Quadratic	
97 1,2,4-Trichlorobenzene	0.58269	0.68384	0.68384	0.010	-17.36028	25.00000	Averaged	
100 1,2,3-Trichlorobenzene	200	200	0.38515	0.010	-0.17122	0.000e+000	Quadratic	
155 Methyl Acetate	0.24010	0.25842	0.25842	0.010	-7.63068	25.00000	Averaged	
156 Cyclohexane	0.56429	0.55417	0.55417	0.010	1.79370	25.00000	Averaged	
157 Methyl Cyclohexane	0.52721	0.51716	0.51716	0.010	1.90636	25.00000	Averaged	
M 75 Xylenes (total)	2.17448	2.27799	2.27799	0.010	-4.76038	25.00000	Averaged	

TestAmerica Pittsburgh

CONTINUING CALIBRATION COMPOUNDS

LLS

Instrument ID: hp3.i
Lab File ID: CC31031K.D
Analysis Type: SOIL
Lab Sample ID: vstd40
Injection Date: 31-OCT-2008 06:57
Init. Cal. Date(s): 01-OCT-2008 27-OCT-2008
Init. Cal. Times: 11:08 09:23
Quant Type: ISTD
Method: \\pitsvr06\d\chem\hp3.i\3103108d.b\8260bsoil.m

COMPOUND	RRF / AMOUNT	RF40	CCAL RRF40	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE	
$ 39 Dibromofluoromethane	0.21164	0.21024	0.21024	0.010	0.66044	25.00000	Averaged	
$ 43 1,2-Dichloroethane-d4	0.28150	0.28902	0.28902	0.010	-2.67162	25.00000	Averaged	
$ 59 Toluene-d8	3.88075	4.25595	4.25595	0.010	-9.66825	25.00000	Averaged	
$ 80 Bromofluorobenzene	1.62914	1.60441	1.60441	0.010	1.51782	25.00000	Averaged	
1 Dichlorodifluoromethane	0.23648	0.27950	0.27950	0.010	-18.19258	25.00000	Averaged	
2 Chloromethane	0.43512	0.43223	0.43223	0.100	0.66433	25.00000	Averaged	
3 Vinyl Chloride	0.35454	0.37533	0.37533	0.010	-5.86226	20.00000	Averaged	
4 Bromomethane	0.08956	0.09927	0.09927	0.010	-10.84342	25.00000	Averaged	
5 Chloroethane	0.10273	0.11646	0.11646	0.010	-13.36189	25.00000	Averaged	
166 Trichlorofluoromethane	0.22929	0.24604	0.24604	0.010	-7.30338	25.00000	Averaged	
10 1,1,2-trichloro-1,2,2-trifl	0.19118	0.24105	0.24105	0.010	-26.08964	25.00000	Averaged	<-
12 1,1-Dichloroethene	0.19695	0.23305	0.23305	0.010	-18.33046	20.00000	Averaged	
15 Carbon Disulfide	0.60793	0.75786	0.75786	0.010	-24.66250	25.00000	Averaged	
13 Acetone	200	187	0.14216	0.010	6.28329	0.000e+000	Quadratic	
18 Methylene Chloride	0.25157	0.28234	0.28234	0.010	-12.23077	25.00000	Averaged	
19 trans-1,2-Dichloroethene	0.23149	0.25918	0.25918	0.010	-11.96180	25.00000	Averaged	
20 Methyl tert-butyl ether	0.69330	0.77795	0.77795	0.010	-12.20956	25.00000	Averaged	
24 1,1-Dichloroethane	0.46715	0.48633	0.48633	0.100	-4.10416	25.00000	Averaged	
27 2,2-Dichloropropane	0.25344	0.28097	0.28097	0.010	-10.86455	25.00000	Averaged	
28 cis-1,2-dichloroethene	0.25711	0.28100	0.28100	0.010	-9.28925	25.00000	Averaged	
M 29 1,2-Dichloroethene (total)	0.24430	0.27009	0.27009	0.010	-10.55544	25.00000	Averaged	
30 Bromochloromethane	0.11530	0.11536	0.11536	0.010	-0.04554	25.00000	Averaged	
31 2-Butanone	0.20091	0.20949	0.20949	0.010	-4.27193	25.00000	Averaged	
37 Chloroform	0.39351	0.40500	0.40500	0.010	-2.91977	20.00000	Averaged	
38 1,1,1-Trichloroethane	0.31515	0.33550	0.33550	0.010	-6.45853	25.00000	Averaged	
40 1,1-Dichloropropene	0.31824	0.36154	0.36154	0.010	-13.60597	25.00000	Averaged	
41 Carbon Tetrachloride	0.26677	0.27427	0.27427	0.010	-2.81085	25.00000	Averaged	
42 Benzene	0.99275	1.09544	1.09544	0.010	-10.34366	25.00000	Averaged	
45 1,2-Dichloroethane	0.35090	0.32691	0.32691	0.010	6.83541	25.00000	Averaged	
47 Trichloroethene	0.25289	0.25225	0.25225	0.010	0.25493	25.00000	Averaged	
49 1,2-Dichloropropane	0.29155	0.25527	0.25527	0.010	12.44220	20.00000	Averaged	
50 Dibromomethane	0.13444	0.13360	0.13360	0.010	0.62509	25.00000	Averaged	
53 Bromodichloromethane	0.30182	0.29054	0.29054	0.010	3.73854	25.00000	Averaged	
57 cis-1,3-Dichloropropene	0.40298	0.39891	0.39891	0.010	1.00928	25.00000	Averaged	
58 4-Methyl-2-Pentanone	1.69036	1.74110	1.74110	0.010	-3.00180	25.00000	Averaged	
60 Toluene	4.54156	4.73704	4.73704	0.010	-4.30423	20.00000	Averaged	
61 trans-1,3-Dichloropropene	1.58021	1.58357	1.58357	0.010	-0.21221	25.00000	Averaged	
63 1,3-Dichloropropane	1.67723	1.68840	1.68840	0.010	-0.66603	25.00000	Averaged	
64 1,1,2-Trichloroethane	0.91585	0.94091	0.94091	0.010	-2.73587	25.00000	Averaged	
65 Tetrachloroethene	0.85427	0.89104	0.89104	0.010	-4.30450	25.00000	Averaged	
66 2-Hexanone	1.33138	1.28921	1.28921	0.010	3.16759	25.00000	Averaged	
67 Dibromochloromethane	0.90506	0.83446	0.83446	0.010	7.80008	25.00000	Averaged	
68 1,2-Dibromoethane	0.91307	0.91697	0.91697	0.010	-0.42750	25.00000	Averaged	

Report Date: 31-Oct-2008 07:15

TestAmerica Pittsburgh

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: hp3.i
Lab File ID: CC31031K.D
Analysis Type: SOIL
Lab Sample ID: vstd40
Method: \\pitsvr06\d\chem\hp3.i\3103108d.b\8260bsoil.m

Injection Date: 31-OCT-2008 06:57
Init. Cal. Date(s): 01-OCT-2008 27-OCT-2008
Init. Cal. Times: 11:08 09:23
Quant Type: ISTD

COMPOUND	RRF / AMOUNT	RF40	CCAL RRF40	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE
70 Chlorobenzene	3.01469	2.86394	2.86394	0.300	5.00059	25.00000	Averaged
71 1,1,1,2-Tetrachloroethane	1.02931	0.94429	0.94429	0.010	8.25964	25.00000	Averaged
72 Ethylbenzene	1.69912	1.77975	1.77975	0.010	-4.74526	20.00000	Averaged
73 m + p-Xylene	2.07692	2.18372	2.18372	0.010	-5.14249	25.00000	Averaged
74 Xylene-o	2.07986	2.18793	2.18793	0.010	-5.19616	25.00000	Averaged
76 Styrene	3.50426	3.53770	3.53770	0.010	-0.95415	25.00000	Averaged
77 Bromoform	0.59997	0.54850	0.54850	0.100	8.57870	25.00000	Averaged
78 Isopropylbenzene	5.35117	5.56266	5.56266	0.010	-3.95217	25.00000	Averaged
79 Bromobenzene	0.86309	0.68889	0.68889	0.010	20.18406	25.00000	Averaged
81 n-Propylbenzene	1.01547	0.91860	0.91860	0.010	9.53922	25.00000	Averaged
82 2-Chlorotoluene	0.86247	0.76158	0.76158	0.010	11.69739	25.00000	Averaged
83 1,1,2,2-Tetrachloroethane	1.35166	1.43358	1.43358	0.300	-6.06118	25.00000	Averaged
84 1,2,3-Trichloropropane	0.28549	0.28425	0.28425	0.010	0.43510	25.00000	Averaged
85 4-Chlorotoluene	0.85483	0.76009	0.76009	0.010	11.08254	25.00000	Averaged
86 1,3,5-Trimethylbenzene	3.00002	2.86187	2.86187	0.010	4.60499	25.00000	Averaged
87 tert-Butylbenzene	2.64418	2.42600	2.42600	0.010	8.25131	25.00000	Averaged
88 1,2,4-Trimethylbenzene	3.04586	2.87134	2.87134	0.010	5.72964	25.00000	Averaged
89 sec-Butylbenzene	3.80389	3.81138	3.81138	0.010	-0.19675	25.00000	Averaged
90 4-Isopropyltoluene	3.27789	3.07449	3.07449	0.010	6.20526	25.00000	Averaged
91 1,3-Dichlorobenzene	1.61311	1.40398	1.40398	0.010	12.96420	25.00000	Averaged
93 1,4-Dichlorobenzene	1.66511	1.45295	1.45295	0.010	12.74181	25.00000	Averaged
94 n-Butylbenzene	2.96311	2.89779	2.89779	0.010	2.20428	25.00000	Averaged
95 1,2-Dichlorobenzene	1.55120	1.34101	1.34101	0.010	13.55004	25.00000	Averaged
96 1,2-Dibromo-3-chloropropane	0.18516	0.17635	0.17635	0.010	4.75759	25.00000	Averaged
97 1,2,4-Trichlorobenzene	1.17984	0.92457	0.92457	0.010	21.63660	25.00000	Averaged
98 Hexachlorobutadiene	0.55292	0.48732	0.48732	0.010	11.86383	25.00000	Averaged
99 Naphthalene	2.86403	2.50499	2.50499	0.010	12.53609	25.00000	Averaged
100 1,2,3-Trichlorobenzene	1.05662	0.82764	0.82764	0.010	21.67097	25.00000	Averaged
156 Methyl Acetate	0.27706	0.31047	0.31047	0.010	-12.05798	25.00000	Averaged
157 Cyclohexane	0.54607	0.61410	0.61410	0.010	-12.45870	25.00000	Averaged
158 Methyl Cyclohexane	0.46112	0.55578	0.55578	0.010	-20.53010	25.00000	Averaged
M 75 Xylenes (total)	2.07790	2.18513	2.18513	0.010	-5.16040	25.00000	Averaged

Test America Pittsburgh

INITIAL CALIBRATION DATA

Start Cal Date : 02-OCT-2008 06:10
End Cal Date : 02-OCT-2008 08:14
Quant Method : ISTD
Origin : Disabled
Target Version : 4.14
Integrator : HP RTE
Method file : \\PITSVR06\d\chem\722.i\100208.b\LL.m
Last Edit : 02-Oct-2008 08:31 722.i
Curve Type : Average

Compound	0.40000 Level 1	2.000 Level 2	4.000 Level 3	10.000 Level 4	20.000 Level 5	40.000 Level 6	80.000 Level 7	RRF	% RSD	
220 Benzaldehyde	1.07759	1.02467	0.77004	0.98632	0.96161	0.82685	0.66618	0.90190	16.645	<-
21 Aniline	2.27374	2.04733	1.80750	1.89010	1.84487	1.72358	1.62227	1.88706	11.451	
22 Phenol	1.90791	1.74742	1.65188	1.68795	1.64658	1.55456	1.55046	1.67811	7.337	
23 bis(2-Chloroethyl)ether	1.37689	1.30359	1.22089	1.24575	1.21064	1.15571	1.16326	1.23953	6.338	
24 2-Chlorophenol	1.62602	1.40470	1.35377	1.35385	1.35529	1.28429	1.29194	1.38141	8.360	
25 Pentachloroethane	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
26 1,3-Dichlorobenzene	1.71577	1.67998	1.57350	1.60976	1.56470	1.50626	1.46257	1.58751	5.659	
27 1,4-Dichlorobenzene	1.82977	1.68400	1.64162	1.59704	1.59542	1.53053	1.48688	1.62361	6.901	
28 1,2-Dichlorobenzene	1.75681	1.60342	1.57790	1.53361	1.50783	1.42536	1.38383	1.54125	7.993	
29 Benzyl Alcohol	+++++	0.93631	0.87426	0.88111	0.87403	0.85698	0.86162	0.88072	3.254	
30 2-Methylphenol	1.47119	1.26040	1.24466	1.22298	1.21900	1.14817	1.16897	1.24791	8.510	

Test America Pittsburgh

INITIAL CALIBRATION DATA

Start Cal Date : 02-OCT-2008 06:10
End Cal Date : 02-OCT-2008 08:14
Quant Method : ISTD
Origin : Disabled
Target Version : 4.14
Integrator : HP RTE
Method file : \\PITSVR06\d\chem\722.i\100208.b\LL.m
Last Edit : 02-Oct-2008 08:31 722.i
Curve Type : Average

Compound	0.40000 Level 1	2.000 Level 2	4.000 Level 3	10.000 Level 4	20.000 Level 5	40.000 Level 6	RRF	% RSD	
	80.000 Level 7								
82 Acenaphthene	1.19487	1.09786	1.07629	1.10251	1.08594	1.07602	1.09609	4.398	
	1.03915								
83 2,4-Dinitrophenol	0.08448	0.07968	0.11186	0.13738	0.15243	0.14537	0.12405	25.943	
	0.15712								
84 Pentachlorobenzene	*****	*****	*****	*****	*****	*****	*****	*****	<-
	*****								
85 4-Nitrophenol	0.13880	0.17294	0.17536	0.18020	0.17777	0.17569	0.16971	8.385	
	0.16719								
86 Dibenzofuran	1.65724	1.56191	1.52139	1.52669	1.50022	1.44523	1.51307	5.801	
	1.37881								
87 2,4-Dinitrotoluene	0.30776	0.34313	0.35128	0.35577	0.35439	0.34227	0.34119	4.885	
	0.33372								
88 2,3,4,6-Tetrachlorophenol	0.33084	0.29727	0.29170	0.30890	0.30338	0.29797	0.30266	4.679	
	0.28857								
89 1-Naphthylamine	*****	*****	*****	*****	*****	*****	*****	*****	<-
	*****								
90 Zinophos	*****	*****	*****	*****	*****	*****	*****	*****	<-
	*****								
91 2,3,5,6-Tetrachlorophenol	0.24232	0.27115	0.28501	0.29338	0.29533	0.30007	0.28569	8.054	
	0.31261								
92 2-Naphthylamine	1.16834	1.08713	0.63844	0.81785	0.60929	0.46967	0.72963	42.939	<-
	0.31671								

Test America Pittsburgh

INITIAL CALIBRATION DATA

Start Cal Date : 02-OCT-2008 06:10
End Cal Date : 02-OCT-2008 08:14
Quant Method : ISTD
Origin : Disabled
Target Version : 4.14
Integrator : HP RTE
Method file : \\PITSVR06\d\chem\722.i\100208.b\LL.m
Last Edit : 02-Oct-2008 08:31 722.i
Curve Type : Average

Compound	0.40000 Level 1	2.000 Level 2	4.000 Level 3	10.000 Level 4	20.000 Level 5	40.000 Level 6	80.000 Level 7	RRF	% RSD	
93 Diethylphthalate	1.36917	1.20530	1.17397	1.17515	1.14521	1.10600	1.02469	1.17136	9.006	
94 Fluorene	1.33742	1.23790	1.21871	1.22349	1.22470	1.20647	1.17471	1.23192	4.110	
95 4-Chlorophenyl-phenylether	0.61432	0.59250	0.58818	0.59899	0.58298	0.58434	0.57205	0.59048	2.276	
96 4-Nitroaniline	0.35673	0.29463	0.29693	0.30960	0.31159	0.30517	0.29335	0.30971	7.090	
97 5-Nitro-o-toluidine	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
98 4,6-Dinitro-2-methylphenol	0.09045	0.08237	0.09924	0.12115	0.12735	0.11922	0.12736	0.10959	16.958	<-
99 N-Nitrosodiphenylamine	0.57260	0.54125	0.52612	0.56112	0.56113	0.54227	0.57050	0.55357	3.125	
100 1,2-Diphenylhydrazine	0.76734	0.75473	0.74780	0.78730	0.78350	0.75661	0.74574	0.76329	2.184	
101 Diphenylamine	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
202 N-Nitroso&Diphenylamine	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
102 Tetraethyl dithiopyrophosphat	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-

Test America Pittsburgh

INITIAL CALIBRATION DATA

Start Cal Date : 02-OCT-2008 06:10
End Cal Date : 02-OCT-2008 08:14
Quant Method : ISTD
Origin : Disabled
Target Version : 4.14
Integrator : HP RTE
Method file : \\PITSVR06\d\chem\722.i\100208.b\LL.m
Last Edit : 02-Oct-2008 08:31 722.i
Curve Type : Average

Compound	0.40000 Level 1	2.000 Level 2	4.000 Level 3	10.000 Level 4	20.000 Level 5	40.000 Level 6	80.000 Level 7	RRF	% RSD	
103 Diallate 1	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
M 189 Diallate, total	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
104 Phorate	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
105 1,3,5-Trinitrobenzene	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
106 4-Bromophenyl-phenylether	0.21214	0.18402	0.18897	0.20036	0.20265	0.19219	0.19959	0.19713	4.792	
107 Hexachlorobenzene	0.22254	0.20010	0.20054	0.20765	0.20855	0.20108	0.21442	0.20784	4.020	
108 Phenacetin	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
223 Atrazine	0.19019	0.19158	0.12719	0.19657	0.19377	0.17007	0.13089	0.17146	17.644	<-
109 Diallate 2	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
110 Dimethoate	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
111 Pentachlorophenol	0.14589	0.12280	0.13376	0.13845	0.14120	0.13750	0.14510	0.13781	5.716	

Test America Pittsburgh

Semivolatile REPORT SW-846 Method 8270

Data file : \\PITSVR06\d\chem\722.i\100208.b\F10020V1.D
Lab Smp Id: sstdver
Client Smp ID: SSTDVER
Inj Date : 02-OCT-2008 08:35
Operator : 007062 FBB
Inst ID: 722.i
Smp Info : SSTDVER (20ug/ml) BNA0626-08
Misc Info : sstdver,100208.b,LL.m,2-root.sub
Comment :
Method : \\PITSVR06\d\chem\722.i\100208.b\LL.m
Meth Date : 02-Oct-2008 08:40 bungardf
Quant Type: ISTD
Cal Date : 02-OCT-2008 08:14
Cal File: F10020C7.D
Als bottle: 9
Dil Factor: 1.00000
Integrator: HP RTE
Compound Sublist: 2-root.sub
Target Version: 4.14
Processing Host: PITPC-503

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (NG)	FINAL (NG)
* 1	1,4-Dichlorobenzene-d4	152	4.428	4.425	(1.000)	90769	8.00000	
* 2	Naphthalene-d8	136	5.427	5.435	(1.000)	377574	8.00000	
* 3	Acenaphthene-d10	164	6.806	6.807	(1.000)	215781	8.00000	
* 4	Phenanthrene-d10	188	7.970	7.977	(1.000)	331314	8.00000	
* 5	Chrysene-d12	240	10.385	10.392	(1.000)	244138	8.00000	
* 6	Perylene-d12	264	11.998	12.011	(1.000)	180600	8.00000	
198	1,4-Dioxane	88	0.961	0.958	(0.217)	65454	24.2278	24.228
220	Benzaldehyde	77	4.070	4.073	(0.919)	242030	23.6519	23.652
10	N-Nitrosodimethylamine	74	1.389	1.391	(0.314)	147196	24.8748	24.875
9	Pyridine	79	1.415	1.412	(0.320)	261243	24.1350	24.135
16	Methyl methanesulfonate	80	3.162	3.164	(0.714)	158887	22.9544	22.954
21	Aniline	93	4.161	4.163	(0.940)	492450	23.0001	23.000
22	Phenol	94	4.156	4.163	(0.938)	422799	22.2058	22.206
23	bis(2-Chloroethyl)ether	93	4.231	4.233	(0.955)	310544	22.0810	22.081
24	2-Chlorophenol	128	4.252	4.254	(0.960)	341292	21.7749	21.775
26	1,3-Dichlorobenzene	146	4.375	4.377	(0.988)	386602	21.4635	21.464
27	1,4-Dichlorobenzene	146	4.439	4.441	(1.002)	395184	21.4521	21.452
28	1,2-Dichlorobenzene	146	4.557	4.558	(1.029)	376279	21.5174	21.517
29	Benzyl Alcohol	108	4.541	4.548	(1.025)	224663	22.4826	22.483
30	2-Methylphenol	108	4.637	4.644	(1.047)	292158	20.6342	20.634
31	2,2'-oxybis(1-Chloropropane)	45	4.658	4.660	(1.052)	429491	18.8682	18.868
37	Acetophenone	105	4.749	4.756	(1.072)	447068	22.0543	22.054
32	N-Nitroso-di-n-propylamine	70	4.759	4.767	(1.074)	227110	22.3715	22.371
192	4-Methylphenol	108	4.754	4.761	(1.074)	325099	22.0098	22.010
34	Hexachloroethane	117	4.824	4.826	(1.089)	160057	22.4831	22.483
35	Nitrobenzene	77	4.877	4.884	(0.899)	358745	21.6334	21.633
41	Isophorone	82	5.075	5.082	(0.935)	604650	21.5363	21.536
42	2-Nitrophenol	139	5.133	5.135	(0.946)	197158	21.2063	21.206
43	2,4-Dimethylphenol	107	5.171	5.178	(0.953)	298257	19.7585	19.758
44	bis(2-Chloroethoxy)methane	93	5.251	5.253	(0.968)	366596	21.2330	21.233
48	2,4-Dichlorophenol	162	5.320	5.322	(0.980)	294581	21.3922	21.392
49	Benzoic Acid	122	5.230	5.275	(0.964)	172783	25.8763	25.876
50	1,2,4-Trichlorobenzene	180	5.385	5.386	(0.992)	327139	20.9574	20.957

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (NG)	CONCENTRATIONS FINAL (NG)
51 Naphthalene	128	5.449	5.451	(1.004)	964966	21.0198	21.020
52 4-Chloroaniline	127	5.491	5.493	(1.012)	425015	21.3591	21.359
54 2,6-Dichlorophenol	162	5.497	5.499	(1.013)	293312	20.3992	20.399
56 Hexachlorobutadiene	225	5.550	5.552	(1.023)	171830	19.4250	19.425
221 Caprolactam	113	5.753	5.782	(1.060)	96213	22.1451	22.145
59 4-Chloro-3-Methylphenol	107	5.865	5.873	(1.081)	281253	21.1025	21.102
62 2-Methylnaphthalene	142	5.988	5.995	(1.103)	674520	21.0960	21.096
205 1-Methylnaphthalene	142	6.068	6.070	(1.118)	672698	21.3940	21.394
64 Hexachlorocyclopentadiene	237	6.111	6.113	(0.898)	207215	21.1336	21.134
66 2,4,6-Trichlorophenol	196	6.207	6.209	(0.912)	209060	20.6269	20.627
67 2,4,5-Trichlorophenol	196	6.234	6.236	(0.916)	228863	21.4400	21.440
222 1,1'-Biphenyl	154	6.357	6.359	(0.934)	826849	21.1690	21.169
70 2-Chloronaphthalene	162	6.368	6.375	(0.936)	634231	20.7898	20.790
73 2-Nitroaniline	65	6.448	6.450	(0.947)	194121	21.0457	21.046
76 Dimethylphthalate	163	6.592	6.599	(0.969)	660152	21.2200	21.220
78 2,6-Dinitrotoluene	165	6.640	6.647	(0.976)	151261	21.3850	21.385
79 Acenaphthylene	152	6.693	6.695	(0.984)	974525	20.9352	20.935
81 3-Nitroaniline	138	6.768	6.775	(0.995)	181474	21.8661	21.866
82 Acenaphthene	153	6.827	6.834	(1.003)	606956	20.5299	20.530
83 2,4-Dinitrophenol	184	6.848	6.856	(1.006)	82452	24.6431	24.643(Q)
85 4-Nitrophenol	109	6.886	6.893	(1.012)	102026	22.2890	22.289
86 Dibenzofuran	168	6.966	6.968	(1.024)	828622	20.3037	20.304
87 2,4-Dinitrotoluene	165	6.950	6.957	(1.021)	196121	21.3112	21.311
91 2,3,5,6-Tetrachlorophenol	232	7.025	7.027	(1.032)	162726	21.1170	21.117
88 2,3,4,6-Tetrachlorophenol	232	7.057	7.064	(1.037)	164673	20.1719	20.172
92 2-Naphthylamine	143	7.089	7.091	(1.042)	468019	23.7813	23.781
93 Diethylphthalate	149	7.147	7.155	(1.050)	663338	20.9953	20.995
94 Fluorene	166	7.233	7.240	(1.063)	678664	20.4245	20.424
95 4-Chlorophenyl-phenylether	204	7.238	7.240	(1.064)	334988	21.0330	21.033
96 4-Nitroaniline	138	7.238	7.251	(1.064)	177609	21.2610	21.261
98 4,6-Dinitro-2-methylphenol	198	7.265	7.273	(0.912)	98963	21.8043	21.804
99 N-Nitrosodiphenylamine	169	7.324	7.331	(0.919)	501526	21.8762	21.876
100 1,2-Diphenylhydrazine	77	7.356	7.363	(0.923)	691626	21.8793	21.879
106 4-Bromophenyl-phenylether	248	7.618	7.625	(0.956)	168323	20.6176	20.618
107 Hexachlorobenzene	284	7.660	7.668	(0.961)	175236	20.3584	20.358
223 Atrazine	200	7.746	7.748	(0.972)	167908	23.6455	23.645
111 Pentachlorophenol	266	7.815	7.817	(0.981)	112229	19.6635	19.664
115 Phenanthrene	178	7.992	7.993	(1.003)	869519	20.9016	20.902
116 Anthracene	178	8.029	8.036	(1.007)	894384	21.1582	21.158
119 Carbazole	167	8.152	8.159	(1.023)	781302	20.8716	20.872
120 Di-n-Butylphthalate	149	8.430	8.432	(1.058)	1026673	21.6904	21.690
123 Fluoranthene	202	8.953	8.966	(1.123)	844479	20.3816	20.382
124 Benzidine	184	9.071	9.078	(0.873)	355146	21.2936	21.294
125 Pyrene	202	9.161	9.169	(0.882)	851438	20.3406	20.341
131 Butylbenzylphthalate	149	9.786	9.794	(0.942)	445722	22.4340	22.434
135 3,3'-Dichlorobenzidine	252	10.342	10.355	(0.996)	264159	19.6687	19.669
136 Benzo(a)Anthracene	228	10.369	10.381	(0.998)	738116	20.5872	20.587
137 Chrysene	228	10.412	10.424	(1.003)	698645	20.5239	20.524
139 bis(2-ethylhexyl)Phthalate	149	10.417	10.424	(1.003)	571335	21.4461	21.446
140 Di-n-octylphthalate	149	11.154	11.167	(0.930)	890113	22.1997	22.200
141 Benzo(b)fluoranthene	252	11.571	11.594	(0.964)	729485	22.1703	22.170
142 Benzo(k)fluoranthene	252	11.597	11.626	(0.967)	667221	19.5107	19.511
143 7,12-dimethylbenz[a]anthracen	256	11.565	11.589	(0.964)	314104	20.1984	20.198
146 Benzo(a)pyrene	252	11.934	11.952	(0.995)	614195	22.1765	22.176

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (NG)	CONCENTRATIONS FINAL (NG)
149 Indeno(1,2,3-cd)pyrene	276	13.424	13.458	(1.119)	735690	22.2956	22.296
150 Dibenz(a,h)anthracene	278	13.457	13.491	(1.122)	594954	22.0962	22.096
151 Benzo(g,h,i)perylene	276	13.836	13.886	(1.153)	606662	22.0684	22.068
$ 154 Nitrobenzene-d5	82	Compound Not Detected.					
$ 155 2-Fluorobiphenyl	172	Compound Not Detected.					
$ 156 Terphenyl-d14	244	Compound Not Detected.					
$ 157 Phenol-d5	99	Compound Not Detected.					
$ 158 2-Fluorophenol	112	Compound Not Detected.					
$ 159 2,4,6-Tribromophenol	329	Compound Not Detected.					
$ 186 2-Chlorophenol-d4	132	Compound Not Detected.					
$ 187 1,2-Dichlorobenzene-d4	152	Compound Not Detected.					

QC Flag Legend

Q - Qualifier signal failed the ratio test.

Test America Pittsburgh

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: 722.i
Lab File ID: F11060C2.D
Analysis Type: SOIL
Lab Sample ID: sstd4
Method: \\PITSVR06\D\chem\722.i\110608.b\LL.m

Injection Date: 06-NOV-2008 03:38
Init. Cal. Date(s): 02-OCT-2008 03-OCT-2008
Init. Cal. Times: 06:10 17:49
Quant Type: ISTD

COMPOUND	RRF / AMOUNT	RF4	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE	
198 1,4-Dioxane	0.23811	0.15882	0.010	33.29934	25.00000	Averaged	<-
220 Benzaldehyde	0.90190	0.56573	0.010	37.27348	25.00000	Averaged	<-
10 N-Nitrosodimethylamine	0.52154	0.58482	0.010	-12.13246	25.00000	Averaged	
9 Pyridine	0.95400	0.89909	0.010	5.75571	25.00000	Averaged	
16 Methyl methanesulfonate	0.61006	0.55255	0.010	9.42668	25.00000	Averaged	
21 Aniline	1.88706	1.65713	0.010	12.18448	25.00000	Averaged	
22 Phenol	1.67811	1.77920	0.010	-6.02452	20.00000	Averaged	
23 bis(2-Chloroethyl)ether	1.23953	1.30289	0.010	-5.11154	25.00000	Averaged	
24 2-Chlorophenol	1.38141	1.43312	0.010	-3.74304	25.00000	Averaged	
26 1,3-Dichlorobenzene	1.58751	1.60120	0.010	-0.86267	25.00000	Averaged	
27 1,4-Dichlorobenzene	1.62361	1.61637	0.010	0.44578	20.00000	Averaged	
28 1,2-Dichlorobenzene	1.54125	1.57350	0.010	-2.09220	25.00000	Averaged	
29 Benzyl Alcohol	0.88072	0.91069	0.010	-3.40256	25.00000	Averaged	
30 2-Methylphenol	1.24791	1.28556	0.010	-3.01662	25.00000	Averaged	
31 2,2'-oxybis(1-Chloropropane	2.00620	1.80683	0.010	9.93795	25.00000	Averaged	
37 Acetophenone	1.78663	1.78828	0.010	-0.09287	25.00000	Averaged	
32 N-Nitroso-di-n-propylamine	0.89473	0.88600	0.050	0.97618	25.00000	Averaged	
192 4-Methylphenol	1.30182	1.36651	0.010	-4.96948	25.00000	Averaged	
34 Hexachloroethane	0.62744	0.65755	0.010	-4.79882	25.00000	Averaged	
35 Nitrobenzene	0.35136	0.32919	0.010	6.30900	25.00000	Averaged	
41 Isophorone	0.59487	0.57916	0.010	2.64097	25.00000	Averaged	
42 2-Nitrophenol	0.19699	0.19902	0.010	-1.03165	20.00000	Averaged	
43 2,4-Dimethylphenol	0.31983	0.31704	0.010	0.87359	25.00000	Averaged	
44 bis(2-Chloroethoxy)methane	0.36582	0.36903	0.010	-0.87923	25.00000	Averaged	
48 2,4-Dichlorophenol	0.29177	0.27771	0.010	4.81899	20.00000	Averaged	
49 Benzoic Acid	0.14148	0.18149	0.010	-28.28072	25.00000	Averaged	<-
50 1,2,4-Trichlorobenzene	0.33074	0.30455	0.010	7.91641	25.00000	Averaged	
51 Naphthalene	0.97268	1.06484	0.010	-9.47428	25.00000	Averaged	
52 4-Chloroaniline	0.42161	0.41920	0.010	0.57008	25.00000	Averaged	
54 2,6-Dichlorophenol	0.30465	0.29339	0.010	3.69659	25.00000	Averaged	
56 Hexachlorobutadiene	0.18742	0.16433	0.010	12.31994	20.00000	Averaged	
221 Caprolactam	0.09205	0.09899	0.010	-7.53249	25.00000	Averaged	
59 4-Chloro-3-Methylphenol	0.28239	0.27723	0.010	1.82716	20.00000	Averaged	
62 2-Methylnaphthalene	0.67746	0.70872	0.010	-4.61444	25.00000	Averaged	
205 1-Methylnaphthalene	0.66622	0.70158	0.010	-5.30723	25.00000	Averaged	
64 Hexachlorocyclopentadiene	0.36352	0.28566	0.050	21.41868	25.00000	Averaged	
66 2,4,6-Trichlorophenol	0.37576	0.32899	0.010	12.44695	20.00000	Averaged	
67 2,4,5-Trichlorophenol	0.39576	0.37744	0.010	4.62881	25.00000	Averaged	
222 1,1'-Biphenyl	1.44811	1.50193	0.010	-3.71663	25.00000	Averaged	
70 2-Chloronaphthalene	1.13103	1.10222	0.010	2.54737	25.00000	Averaged	
73 2-Nitroaniline	0.34197	0.29096	0.010	14.91681	25.00000	Averaged	
76 Dimethylphthalate	1.15339	1.16409	0.010	-0.92818	25.00000	Averaged	

Test America Pittsburgh

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: 722.i
Lab File ID: F11060C2.D
Analysis Type: SOIL
Lab Sample ID: sstd4
Method: \\PITSVR06\D\chem\722.i\110608.b\LL.m

Injection Date: 06-NOV-2008 03:38
Init. Cal. Date(s): 02-OCT-2008 03-OCT-2008
Init. Cal. Times: 06:10 17:49
Quant Type: ISTD

COMPOUND	RRF / AMOUNT	RF4	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE	
78 2,6-Dinitrotoluene	0.26224	0.26995	0.010	-2.94062	25.00000	Averaged	
79 Acenaphthylene	1.72581	1.84124	0.010	-6.68863	25.00000	Averaged	
81 3-Nitroaniline	0.30769	0.32308	0.010	-5.00066	25.00000	Averaged	
82 Acenaphthene	1.09609	1.13175	0.010	-3.25296	20.00000	Averaged	
83 2,4-Dinitrophenol	0.12405	0.14344	0.050	-15.63651	25.00000	Averaged	
85 4-Nitrophenol	0.16971	0.14457	0.050	14.81282	25.00000	Averaged	
86 Dibenzofuran	1.51307	1.49557	0.010	1.15638	25.00000	Averaged	
87 2,4-Dinitrotoluene	0.34119	0.34988	0.010	-2.54623	25.00000	Averaged	
91 2,3,5,6-Tetrachlorophenol	0.28569	0.28768	0.010	-0.69548	25.00000	Averaged	
88 2,3,4,6-Tetrachlorophenol	0.30266	0.29925	0.010	1.12533	25.00000	Averaged	
92 2-Naphthylamine	0.72963	0.37063	0.010	49.20333	25.00000	Averaged	<-
93 Diethylphthalate	1.17136	1.24063	0.010	-5.91393	25.00000	Averaged	
94 Fluorene	1.23192	1.21602	0.010	1.29013	25.00000	Averaged	
95 4-Chlorophenyl-phenylether	0.59048	0.58397	0.010	1.10280	25.00000	Averaged	
96 4-Nitroaniline	0.30971	0.31298	0.010	-1.05495	25.00000	Averaged	
98 4,6-Dinitro-2-methylphenol	0.10959	0.12169	0.010	-11.03858	25.00000	Averaged	
99 N-Nitrosodiphenylamine	0.55357	0.57920	0.010	-4.63014	20.00000	Averaged	
100 1,2-Diphenylhydrazine	0.76329	0.73465	0.010	3.75120	25.00000	Averaged	
106 4-Bromophenyl-phenylether	0.19713	0.19582	0.010	0.66724	25.00000	Averaged	
107 Hexachlorobenzene	0.20784	0.19597	0.010	5.71331	25.00000	Averaged	
223 Atrazine	0.17146	0.11705	0.010	31.73306	25.00000	Averaged	<-
111 Pentachlorophenol	0.13781	0.14362	0.025	-4.21499	20.00000	Averaged	
115 Phenanthrene	1.00450	1.04847	0.010	-4.37770	25.00000	Averaged	
116 Anthracene	1.02069	1.12093	0.010	-9.82008	25.00000	Averaged	
119 Carbazole	0.90389	0.96101	0.010	-6.32011	25.00000	Averaged	
120 Di-n-Butylphthalate	1.14292	1.18961	0.010	-4.08591	25.00000	Averaged	
123 Fluoranthene	1.00046	0.98339	0.010	1.70620	20.00000	Averaged	
124 Benzidine	0.54653	0.08629	0.010	84.21064	25.00000	Averaged	<- N/A
125 Pyrene	1.37165	1.23349	0.010	10.07268	25.00000	Averaged	
131 Butylbenzylphthalate	0.65105	0.57139	0.010	12.23586	25.00000	Averaged	
135 3,3'-Dichlorobenzidine	0.44009	0.29941	0.010	31.96573	25.00000	Averaged	<-
136 Benzo(a)Anthracene	1.17485	1.09003	0.010	7.21916	25.00000	Averaged	
137 Chrysene	1.11545	0.92465	0.010	17.10525	25.00000	Averaged	
139 bis(2-ethylhexyl)Phthalate	0.87296	0.78845	0.010	9.68070	25.00000	Averaged	
140 Di-n-octylphthalate	1.77611	1.58889	0.010	10.54102	20.00000	Averaged	
141 Benzo(b)fluoranthene	1.45753	1.25447	0.010	13.93149	25.00000	Averaged	
142 Benzo(k)fluoranthene	1.51485	1.43622	0.010	5.19069	25.00000	Averaged	
143 7,12-dimethylbenz[a]anthrac	0.68886	0.61169	0.010	11.20147	25.00000	Averaged	
146 Benzo(a)pyrene	1.22683	1.10378	0.010	10.03010	20.00000	Averaged	
149 Indeno(1,2,3-cd)pyrene	1.46167	1.31077	0.010	10.32336	25.00000	Averaged	
150 Dibenz(a,h)anthracene	1.19272	1.12723	0.010	5.49055	25.00000	Averaged	
151 Benzo(g,h,i)perylene	1.21772	1.14567	0.010	5.91663	25.00000	Averaged	

Test America Pittsburgh

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: 722.i Injection Date: 06-NOV-2008 03:38
Lab File ID: F11060C2.D Init. Cal. Date(s): 02-OCT-2008 03-OCT-2008
Analysis Type: SOIL Init. Cal. Times: 06:10 17:49
Lab Sample ID: sstd4 Quant Type: ISTD
Method: \\PITSVR06\D\chem\722.i\110608.b\LL.m

COMPOUND	RRF / AMOUNT	RF4	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE
$ 154 Nitrobenzene-d5	0.35526	0.32308	0.010	9.05851	25.00000	Averaged
$ 155 2-Fluorobiphenyl	1.23954	1.23060	0.010	0.72121	25.00000	Averaged
$ 156 Terphenyl-d14	0.90124	0.82916	0.010	7.99725	25.00000	Averaged
$ 157 Phenol-d5	1.49565	1.51021	0.010	-0.97335	25.00000	Averaged
$ 158 2-Fluorophenol	1.16001	1.16267	0.010	-0.22916	25.00000	Averaged
$ 159 2,4,6-Tribromophenol	0.09086	0.09060	0.010	0.28841	25.00000	Averaged
$ 186 2-Chlorophenol-d4	1.45548	1.49439	0.010	-2.67280	25.00000	Averaged
$ 187 1,2-Dichlorobenzene-d4	0.98743	1.00696	0.010	-1.97799	25.00000	Averaged

SW846 8270C MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Laboratories, Inc. Client: ENSR International

Lab Code: TALPIT SDG No:

Matrix Spike ID: SB34(32.5-35)

Lot #: C8J290111 WO #: K1TDF1CD
BATCH: 8309020

COMPOUND	SPIKE ADDED (ug/kg)	SAMPLE CONCENT. (ug/kg)	MS CONCENT. (ug/kg)	MS % REC	LIMITS REC	QUAL
1,2,4-Trichlorobenzene	7900	ND	6150	78	43 - 100	
1,4-Dichlorobenzene	7900	ND	6270	79	35 - 99	
2,4-Dinitrotoluene	7900	ND	8970	113	45 - 124	
2-Chlorophenol	7900	ND	7030	89	40 - 101	
4-Chloro-3-methylphenol	7900	ND	7040	89	47 - 109	
4-Nitrophenol	7900	ND	6020	76	36 - 127	
Acenaphthene	7900	19000	30700	154*	47 - 104	a
N-Nitrosodi-n-propylamine	7900	ND	6790	86	42 - 107	
Pentachlorophenol	7900	ND	5590	71	17 - 122	
Phenol	7900	ND	7740	98	41 - 102	
Pyrene	7900	16000	25700	127*	41 - 115	a
Butyl benzyl phthalate	7900	ND	6280	79	41 - 118	
4-Bromophenyl phenyl ethe	7900	ND	7140	90	47 - 110	
4-Methylphenol	15800	ND	13600	86	42 - 105	
Hexachloroethane	7900	ND	4850	61	37 - 97	
Naphthalene	7900	20000	33900	171*	43 - 100	a

NOTES(S):

Results and reporting limits have been adjusted for dry weight.

a Spiked analyte recovery is outside stated control limits.

Column to be used to flag recovery and RPD values with an asterisk
* Values outside of QC limits

RPD: 0 out of 0 outside limits
Spike Recovery: 3 out of 16 outside limits

COMMENTS:

FORM III

SW846 8270C MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Laboratories, Inc. Client: ENSR International

Lab Code: TALPIT SDG No:

Matrix Spike ID: SB34(32.5-35)

Lot #: C8J290111 WO #: K1TDF1CE
BATCH: 8309020

COMPOUND	SPIKE ADDED (ug/kg)	MSD CONCENT. (ug/kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	QUAL
1,2,4-Trichlorobenzene	7900	6790	86	9.9	36	43 - 100	
1,4-Dichlorobenzene	7900	6710	85	6.7	49	35 - 99	
2,4-Dinitrotoluene	7900	9900	125*	9.8	41	45 - 124	a
2-Chlorophenol	7900	7880	100	11	42	40 - 101	
4-Chloro-3-methylphenol	7900	7700	97	8.9	36	47 - 109	
4-Nitrophenol	7900	6860	87	13	43	36 - 127	
Acenaphthene	7900	36400	226*	17	40	47 - 104	a
N-Nitrosodi-n-propylamine	7900	7460	94	9.4	43	42 - 107	
Pentachlorophenol	7900	6530	83	16	52	17 - 122	
Phenol	7900	7810	99	0.92	39	41 - 102	
Pyrene	7900	29200	171*	13	43	41 - 115	a
Butyl benzyl phthalate	7900	6980	88	10	41	41 - 118	
4-Bromophenyl phenyl ethe	7900	7600	96	6.3	46	47 - 110	
4-Methylphenol	15800	15400	97	12	43	42 - 105	
Hexachloroethane	7900	5690	72	16	48	37 - 97	
Naphthalene	7900	41800	271*	21	32	43 - 100	a

NOTES(S):

Results and reporting limits have been adjusted for dry weight.

a Spiked analyte recovery is outside stated control limits.

Column to be used to flag recovery and RPD values with an asterisk
* Values outside of QC limits

RPD: 0 out of 16 outside limits
Spike Recovery: 4 out of 16 outside limits

COMMENTS:

FORM III

METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: C8J290111 Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: C8K010000-097 Prep Batch #...: 8306097						
Silver	ND	0.50	mg/kg	SW846 6010B	11/01-11/06/08	K13141AA
		Dilution Factor: 1				
		Analysis Time..: 17:07		Analyst ID.....: 022952	Instrument ID..: TRA	
Aluminum	ND	20.0	mg/kg	SW846 6010B	11/01-11/06/08	K13141AC
		Dilution Factor: 1				
		Analysis Time..: 17:07		Analyst ID.....: 022952	Instrument ID..: TRA	
Arsenic	ND	1.0	mg/kg	SW846 6010B	11/01-11/06/08	K13141AD
		Dilution Factor: 1				
		Analysis Time..: 17:07		Analyst ID.....: 022952	Instrument ID..: TRA	
Barium	ND	20.0	mg/kg	SW846 6010B	11/01-11/06/08	K13141AE
		Dilution Factor: 1				
		Analysis Time..: 17:07		Analyst ID.....: 022952	Instrument ID..: TRA	
Beryllium	**0.058 B**	**0.40**	**mg/kg**	**SW846 6010B**	**11/01-11/06/08**	**K13141AF**
		Dilution Factor: 1				
		Analysis Time..: 17:07		Analyst ID.....: 022952	Instrument ID..: TRA	
Calcium	**1.8 B**	**500**	**mg/kg**	**SW846 6010B**	**11/01-11/06/08**	**K13141AG**
		Dilution Factor: 1				
		Analysis Time..: 17:07		Analyst ID.....: 022952	Instrument ID..: TRA	
Cadmium	ND	0.50	mg/kg	SW846 6010B	11/01-11/06/08	K13141AH
		Dilution Factor: 1				
		Analysis Time..: 17:07		Analyst ID.....: 022952	Instrument ID..: TRA	
Cobalt	ND	5.0	mg/kg	SW846 6010B	11/01-11/06/08	K13141AJ
		Dilution Factor: 1				
		Analysis Time..: 17:07		Analyst ID.....: 022952	Instrument ID..: TRA	
Chromium	ND	0.50	mg/kg	SW846 6010B	11/01-11/06/08	K13141AK
		Dilution Factor: 1				
		Analysis Time..: 17:07		Analyst ID.....: 022952	Instrument ID..: TRA	
Copper	ND	2.5	mg/kg	SW846 6010B	11/01-11/06/08	K13141AL
		Dilution Factor: 1				
		Analysis Time..: 17:07		Analyst ID.....: 022952	Instrument ID..: TRA	
Iron	**6.0 B**	**10.0**	**mg/kg**	**SW846 6010B**	**11/01-11/06/08**	**K13141AM**
		Dilution Factor: 1				
		Analysis Time..: 17:07		Analyst ID.....: 022952	Instrument ID..: TRA	

(Continued on next page)

METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: C8J290111 **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Potassium	ND	500	mg/kg	SW846 6010B	11/01-11/06/08	K13141AN
		Dilution Factor: 1				
		Analysis Time..: 17:07		Analyst ID.....: 022952	Instrument ID..: TRA	
Magnesium	ND	500	mg/kg	SW846 6010B	11/01-11/06/08	K13141AP
		Dilution Factor: 1				
		Analysis Time..: 17:07		Analyst ID.....: 022952	Instrument ID..: TRA	
Manganese	ND	1.5	mg/kg	SW846 6010B	11/01-11/06/08	K13141AQ
		Dilution Factor: 1				
		Analysis Time..: 17:07		Analyst ID.....: 022952	Instrument ID..: TRA	
Sodium	ND	500	mg/kg	SW846 6010B	11/01-11/06/08	K13141AR
		Dilution Factor: 1				
		Analysis Time..: 17:07		Analyst ID.....: 022952	Instrument ID..: TRA	
Nickel	ND	4.0	mg/kg	SW846 6010B	11/01-11/06/08	K13141AT
		Dilution Factor: 1				
		Analysis Time..: 17:07		Analyst ID.....: 022952	Instrument ID..: TRA	
Lead	ND	0.30	mg/kg	SW846 6010B	11/01-11/06/08	K13141AU
		Dilution Factor: 1				
		Analysis Time..: 17:07		Analyst ID.....: 022952	Instrument ID..: TRA	
Selenium	ND	0.50	mg/kg	SW846 6010B	11/01-11/06/08	K13141AV
		Dilution Factor: 1				
		Analysis Time..: 17:07		Analyst ID.....: 022952	Instrument ID..: TRA	
Thallium	ND	1.0	mg/kg	SW846 6010B	11/01-11/06/08	K13141AW
		Dilution Factor: 1				
		Analysis Time..: 17:07		Analyst ID.....: 022952	Instrument ID..: TRA	
Antimony	ND	1.0	mg/kg	SW846 6010B	11/01-11/06/08	K13141AX
		Dilution Factor: 1				
		Analysis Time..: 17:07		Analyst ID.....: 022952	Instrument ID..: TRA	
Vanadium	ND	5.0	mg/kg	SW846 6010B	11/01-11/06/08	K13141A0
		Dilution Factor: 1				
		Analysis Time..: 17:07		Analyst ID.....: 022952	Instrument ID..: TRA	
Zinc	**0.22 B**	**2.0**	**mg/kg**	**SW846 6010B**	**11/01-11/06/08**	**K13141A1**
		Dilution Factor: 1				
		Analysis Time..: 17:07		Analyst ID.....: 022952	Instrument ID..: TRA	

(Continued on next page)

TestAmerica Pittsburgh

Metals Data Reporting Form

Initial Calibration Blank Results

Instrument: ICPST **Units:** ug/L

Chart Number: T81106A.ARC

Standard Source: _____ **Standard ID:** _____

Element	WL/ Mass	Report Limit	ICB1 11/6/2008 8:01 AM Found	Q	Found	Q	Found	Q	Found	Q	Found	Q
Aluminum	308.215	200	24.0	U								
Antimony	220.353	10	2.1	U								
Arsenic	189.042	10	2.9	U								
Barium	493.409	200	0.8	U								
Beryllium	313.042	4	**0.8**	**B**								
Cadmium	226.502	5	0.2	U								
Calcium	317.933	6000	**18.6**	**B**								
Chromium	267.716	5	**0.6**	**B**								
Cobalt	228.616	50	0.8	U								
Copper	324.753	25	2.6	U								
Iron	271.441	100	12.9	U								
Lead	220.353	3	1.6	U								
Magnesium	279.078	5000	20.9	U								
Manganese	257.61	15	0.6	U								
Nickel	231.604	40	1.4	U								
Potassium	766.491	5000	750.0	U								
Selenium	220.353	5	1.7	U								
Silver	328.068	200	0.7	U								
Sodium	330.232	5000	**-490.0**	**B**								
Thallium	190.864	10	3.1	U								
Vanadium	292.402	50	2.4	U								
Zinc	213.856	20	1.8	U								

METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: C8J290111 **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: C8K100000-024 **Prep Batch #...:** 8315024						
Mercury	ND	0.033	mg/kg	SW846 7471A	11/10/08	K2KPP1AA
	Dilution Factor: 1					
	Analysis Time..: 09:50		Analyst ID.....: 031043		Instrument ID..: HGH	

NOTE(S):

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

B Estimated result. Result is less than RL.

TestAmerica Pittsburgh

Metals Data Reporting Form

Continuing Calibration Blank Result

Instrument: ICPST **Units:** ug/L

Chart Number: T81106A.ARC

Standard Source: _____ **Standard ID:** _____

Element	WL/ Mass	Report Limit	CCB1 11/6/2008 8:29 AM Found	Q	CCB2 11/6/2008 9:34 AM Found	Q	CCB3 11/6/2008 10:39 AM Found	Q	CCB4 11/6/2008 11:45 AM Found	Q	CCB5 11/6/2008 12:57 PM Found	Q
Aluminum	308.215	200	24.0	U	24.0	U	24.0	U	24.0	U	24.0	U
Antimony	220.353	10	2.1	U	2.1	U	2.1	U	2.1	U	2.1	U
Arsenic	189.042	10	2.9	U	2.9	U	2.9	U	2.9	U	2.9	U
Barium	493.409	200	0.8	U	0.8	U	0.8	U	0.8	U	**1.2**	**B**
Beryllium	313.042	4	**0.3**	**B**	**0.3**	**B**	**0.4**	**B**	**0.6**	**B**	**1.7**	**B**
Cadmium	226.502	5	0.2	U	0.2	U	0.2	U	0.2	U	**0.2**	**B**
Calcium	317.933	6000	17.0	U	17.0	U	17.0	U	17.0	U	**34.1**	**B**
Chromium	267.716	5	0.6	U	0.6	U	0.6	U	0.6	U	**1.3**	**B**
Cobalt	228.616	50	0.8	U	0.8	U	0.8	U	0.8	U	**1.5**	**B**
Copper	324.753	25	2.6	U	2.6	U	2.6	U	2.6	U	2.6	U
Iron	271.441	100	12.9	U	12.9	U	12.9	U	12.9	U	**19.0**	**B**
Lead	220.353	3	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U
Magnesium	279.078	5000	20.9	U	20.9	U	20.9	U	20.9	U	**33.9**	**B**
Manganese	257.61	15	0.6	U	0.6	U	0.6	U	0.6	U	**1.2**	**B**
Nickel	231.604	40	1.4	U	1.4	U	1.4	U	1.4	U	**1.9**	**B**
Potassium	766.491	5000	750.0	U	750.0	U	750.0	U	750.0	U	750.0	U
Selenium	220.353	5	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U
Silver	328.068	200	0.7	U	0.7	U	0.7	U	0.7	U	**0.7**	**B**
Sodium	330.232	5000	**-520.0**	**B**	**-580.0**	**B**	**-600.0**	**B**	**-580.0**	**B**	**-520.0**	**B**
Thallium	190.864	10	3.1	U	3.1	U	3.1	U	3.1	U	**4.5**	**B**
Vanadium	292.402	50	2.4	U	2.4	U	2.4	U	2.4	U	**2.7**	**B**
Zinc	213.856	20	1.8	U	1.8	U	1.8	U	1.8	U	**2.4**	**B**

TestAmerica Pittsburgh

Metals Data Reporting Form

Continuing Calibration Blank Result

Instrument: ICPST **Units:** ug/L

Chart Number: T81106A.ARC

Standard Source: _____ **Standard ID:** _____

Element	WL/ Mass	Report Limit	CCB6 11/6/2008 2:07 PM Found	Q	CCB7 11/6/2008 3:13 PM Found	Q	CCB8 11/6/2008 4:23 PM Found	Q	CCB9 11/6/2008 5:29 PM Found	Q	CCB10 11/6/2008 6:35 PM Found	Q
Aluminum	308.215	200	24.0	U	24.0	U	24.0	U	24.0	U	24.0	U
Antimony	220.353	10	2.1	U	2.1	U	2.1	U	2.1	U	2.1	U
Arsenic	189.042	10	2.9	U	2.9	U	2.9	U	2.9	U	2.9	U
Barium	493.409	200	**1.1**	**B**	0.8	U	0.8	U	0.8	U	0.8	U
Beryllium	313.042	4	**1.5**	**B**	**0.6**	**B**	**0.8**	**B**	**1.0**	**B**	**1.1**	**B**
Cadmium	226.502	5	**0.3**	**B**	0.2	U	0.2	U	**-0.2**	**B**	0.2	U
Calcium	317.933	6000	**30.7**	**B**	17.0	U	17.0	U	17.0	U	17.0	U
Chromium	267.716	5	**1.2**	**B**	0.6	U	0.6	U	0.6	U	0.6	U
Cobalt	228.616	50	**1.5**	**B**	0.8	U	0.8	U	0.8	U	0.8	U
Copper	324.753	25	2.6	U	2.6	U	2.6	U	2.6	U	2.6	U
Iron	271.441	100	**22.2**	**B**	12.9	U	12.9	U	12.9	U	12.9	U
Lead	220.353	3	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U
Magnesium	279.078	5000	**29.6**	**B**	20.9	U	20.9	U	20.9	U	20.9	U
Manganese	257.61	15	**1.1**	**B**	0.6	U	0.6	U	0.6	U	0.6	U
Nickel	231.604	40	**1.5**	**B**	1.4	U	1.4	U	1.4	U	1.4	U
Potassium	766.491	5000	750.0	U	750.0	U	750.0	U	750.0	U	750.0	U
Selenium	220.353	5	1.7	U	1.7	U	1.7	U	**1.9**	**B**	1.7	U
Silver	328.068	200	**0.8**	**B**	0.7	U	0.7	U	0.7	U	0.7	U
Sodium	330.232	5000	**-460.0**	**B**	**-510.0**	**B**	**-550.0**	**B**	**-600.0**	**B**	**-660.0**	**B**
Thallium	190.864	10	**3.6**	**B**	3.1	U	3.1	U	3.1	U	3.1	U
Vanadium	292.402	50	**3.4**	**B**	2.4	U	2.4	U	2.4	U	2.4	U
Zinc	213.856	20	**2.1**	**B**	1.8	U	1.8	U	1.8	U	**12.4**	**B**

TestAmerica Pittsburgh

Metals Data Reporting Form

Continuing Calibration Blank Result

Instrument: ICPST **Units:** ug/L

Chart Number: T81106A.ARC

Standard Source: _____ **Standard ID:** _____

Element	WL/ Mass	Report Limit	CCB11 11/6/2008 7:42 PM Found	Q	Found	Q	Found	Q	Found	Q	Found	Q
Aluminum	308.215	200	24.0	U								
Antimony	220.353	10	2.1	U								
Arsenic	189.042	10	2.9	U								
Barium	493.409	200	0.8	U								
Beryllium	313.042	4	**1.0**	**B**								
Cadmium	226.502	5	0.2	U								
Calcium	317.933	6000	17.0	U								
Chromium	267.716	5	0.6	U								
Cobalt	228.616	50	0.8	U								
Copper	324.753	25	2.6	U								
Iron	271.441	100	12.9	U								
Lead	220.353	3	1.6	U								
Magnesium	279.078	5000	20.9	U								
Manganese	257.61	15	0.6	U								
Nickel	231.604	40	1.4	U								
Potassium	766.491	5000	750.0	U								
Selenium	220.353	5	1.7	U								
Silver	328.068	200	0.7	U								
Sodium	330.232	5000	**-570.0**	**B**								
Thallium	190.864	10	3.1	U								
Vanadium	292.402	50	2.4	U								
Zinc	213.856	20	1.8	U								

U Result is less than the MDL
B Result is between MDL and RL

Form 3 Equivalent

CASE NARRATIVE

ENSR
Schenectady RI

Lot # C8K010195

Sample Receiving:
TestAmerica's Pittsburgh laboratory received samples on November 1, 2008. The cooler was received within the proper temperature range.

If project specific QC was not required for samples contained in this report and batch QC was completed on these samples, anomalous results will be discussed below.

GC/MS Volatiles:
Due to the concentration of target compounds detected, SB48(9-10) was analyzed as a medium level, methanol dilution.

The method blank for batch 8316306 had methylene chloride detected between the MDL and the reporting limit. The result was flagged with a "J" qualifier. Any sample in this batch that had this compound detected had the result flagged with a "B" qualifier.

GC/MS Semivolatiles:
Due to the concentration of target compounds detected, SB48(9-10) was analyzed at a dilution. The surrogates were diluted out.

Metals:
The method blank had zinc detected at a concentration between the MDL and the reporting limit. The result was flagged with a "B" qualifier. Any sample associated with a method blank that had the same analyte detected had the result flagged with a "J" qualifier.

General Chemistry:
The method blank for batch 8316143 had cyanide detected at a concentration between the MDL and the reporting limit. The result was flagged with a "B" qualifier. Any sample associated with a method blank that had the same analyte detected had the result flagged with a "J" qualifier.

The matrix spike and matrix spike duplicate of sample SB48(9-10) recovered significantly above the control limits for cyanide. The sample and its matrix spikes were redistilled outside of the holding time and reanalyzed. The spike recoveries were not calculated due to the concentration of cyanide detected in the sample being >4 times the concentration of spike added. Results of both analyses were reported.

C8K010195

Chain of Custody Record

SEVERN TRENT **STL**

Severn Trent Laboratories, Inc.

STL-4124 (0901)

Client: AECOM ITHACA	Project Manager: JAMES EDWARDS	Date: 10/21/08	Chain of Custody Number: 315519
Address: 1001 W. SENECA ST., SUITE 204	Telephone Number (Area Code)/Fax Number: 607-277-5716	Lab Number:	Page 1 of 1
City: ITHACA / State: NY / Zip Code: 14850	Site Contact: JESSE LOUD	Lab Contact:	
Project Name and Location (State): SCHENECTADY MGP / SCHENECTADY, NY	Carrier/Waybill Number:		
Contract/Purchase Order/Quote No.: 04980-011-200			

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Containers & Preservatives: Unpres.	H_2SO_4	HNO_3	HCl	NaOH	ZnAc/NaOH	Analysis: VOC (8260B)	SVOC (8270C)	TAL METALS GOOD+ 7010C	TOTAL CN 9012A	Special Instructions/ Conditions of Receipt
SB26 (35-37.5)	10/29/08	1400				X	3						X	X	X	X	
SB48 (9-10)	10/31/08	1340				X	3						X	X	X	X	
SB48 (27.5-30)	10/31/08	1430				X	3						X	X	X	X	

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal
☐ Return To Client ☑ Disposal By Lab ☐ Archive For _____ Months (A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required
☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☑ Other ROUTINE

QC Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By	10/31/08	1800 FEDEX	1. Received By		
2. Relinquished By			2. Received By		
3. Relinquished By			3. Received By	11-1-8	1030

Comments

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

Cooler Receipt Form

TestAmerica Pittsburgh

Client: AECOM Project: _____ Quote: 72910

Cooler Rec'd & Opened for Temp. Check on: 11/1/9

Coolers Opened and Unpacked on: 11/1/8 By: JS

TestAmerica Pittsburgh Lot Number: C8K010195 (Signature)

		Yes	No	NA
1.	Were custody seals on the outside of the cooler?		✓	
	If YES, how many and where? Quantity __ Location			
	Were signatures and date correct?			
2.	Were custody papers included inside the cooler?	✓		
3.	Were custody papers properly filled out (ink, signed, match labels)?	✓		
4.	Did you sign the custody papers in the appropriate place?	✓		
5.	Was shippers packing slip attached to this form?	✓		
6.	Were packing materials used?	✓		
	If YES, what type? BUBBLE BAGS			
7.	Were the samples received within the acceptable temperature range?	✓		
8.	Were the samples appropriately preserved?	✓		
9.	Were all bottles sealed in separate plastic bags?	✓		
10.	Did all bottles arrive in good condition (unbroken)?	✓		
11.	Were all bottle labels complete (sample ID, preservatives, etc.)?	✓		
12.	Did all bottle labels and/or tags agree with custody papers?	✓		
13.	Were correct bottles used for tests indicated?	✓		
14.	Were all VOA vials checked for the presence of air bubbles?		✓	✓
15.	Was a sufficient amount of sample sent in each bottle?			

16. Samples received by: (FEDEX) UPS CLIENT DROP-OFF OTHER DHL US CARGO

Explain any discrepancies: _____

Level 2 Review _____

Was contacted on _____ by _____ to resolve discrepancies.

Cooler Receipt Form

TestAmerica Pittsburgh

P: Preserved
UP: Unpreserved

Sample ID	TMET PH<2	DMET PH<2	HG PH<2	NUT(1) PH<2	CN PH ≥12	OG TPHC PH<2	PHEN PH<2	SULF PH ≥12	TOC PH<2	TOX PH<2	VOA P/UP	hrdnss PH<2			

(1) "NUT" could include sample bottles for ammonia, chemical oxygen demand, nitrate/nitrite, TKN, or total phosphorus

Comments: _____

Cooler Number	Temperature*	Thermometer ID
1	3.7	2

*Acceptable Temperature Range: 4°C ± 2°C

Sample	Lot Number**

**Please use an asterisk if bottle lot number was covered by the label

If samples required preservation in the laboratory, the following lot number(s) was/were used:

Nitric Acid _____ Hydrochloric Acid _____

Sulfuric Acid _____ Sodium Hydroxide _____

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: C8K010195 **Work Order #...:** K2NG71AA **Matrix.....:** SOLID
MB Lot-Sample #: C8K110000-306

Prep Date.....: 11/11/08 **Analysis Time..:** 08:40
Analysis Date..: 11/11/08 **Prep Batch #...:** 8316306 **Final Wgt/Vol..:** 5 mL
Dilution Factor: 1 **Initial Wgt/Vol:** 5 g **Instrument ID..:** HP4
Analyst ID.....: 034635

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Acetone	ND	1000	ug/kg	SW846 8260B
Benzene	ND	250	ug/kg	SW846 8260B
Bromodichloromethane	ND	250	ug/kg	SW846 8260B
Bromoform	ND	250	ug/kg	SW846 8260B
Bromomethane	ND	250	ug/kg	SW846 8260B
2-Butanone	ND	250	ug/kg	SW846 8260B
Carbon disulfide	ND	250	ug/kg	SW846 8260B
Carbon tetrachloride	ND	250	ug/kg	SW846 8260B
Chlorobenzene	ND	250	ug/kg	SW846 8260B
Chloroethane	ND	250	ug/kg	SW846 8260B
Chloroform	ND	250	ug/kg	SW846 8260B
Chloromethane	ND	250	ug/kg	SW846 8260B
Cyclohexane	ND	250	ug/kg	SW846 8260B
Dibromochloromethane	ND	250	ug/kg	SW846 8260B
1,2-Dibromo-3-chloro-propane	ND	250	ug/kg	SW846 8260B
1,2-Dibromoethane	ND	250	ug/kg	SW846 8260B
1,3-Dichlorobenzene	ND	250	ug/kg	SW846 8260B
1,4-Dichlorobenzene	ND	250	ug/kg	SW846 8260B
1,2-Dichlorobenzene	ND	250	ug/kg	SW846 8260B
Dichlorodifluoromethane	ND	250	ug/kg	SW846 8260B
1,1-Dichloroethane	ND	250	ug/kg	SW846 8260B
1,2-Dichloroethane	ND	250	ug/kg	SW846 8260B
1,1-Dichloroethene	ND	250	ug/kg	SW846 8260B
cis-1,2-Dichloroethene	ND	250	ug/kg	SW846 8260B
trans-1,2-Dichloroethene	ND	250	ug/kg	SW846 8260B
1,2-Dichloropropane	ND	250	ug/kg	SW846 8260B
cis-1,3-Dichloropropene	ND	250	ug/kg	SW846 8260B
trans-1,3-Dichloropropene	ND	250	ug/kg	SW846 8260B
Ethylbenzene	ND	250	ug/kg	SW846 8260B
2-Hexanone	ND	250	ug/kg	SW846 8260B
Isopropylbenzene	ND	250	ug/kg	SW846 8260B
Methyl acetate	ND	250	ug/kg	SW846 8260B
Methylene chloride	**62 J**	**250**	**ug/kg**	**SW846 8260B**
Methylcyclohexane	ND	250	ug/kg	SW846 8260B
4-Methyl-2-pentanone	ND	250	ug/kg	SW846 8260B
Methyl tert-butyl ether	ND	250	ug/kg	SW846 8260B
Styrene	ND	250	ug/kg	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	250	ug/kg	SW846 8260B
1,2,4-Trichloro-benzene	ND	250	ug/kg	SW846 8260B

(Continued on next page)

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: C8K010195 Work Order #...: K2NG71AA Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Tetrachloroethene	ND	250	ug/kg	SW846 8260B
1,1,1-Trichloroethane	ND	250	ug/kg	SW846 8260B
1,1,2-Trichloroethane	ND	250	ug/kg	SW846 8260B
Trichloroethene	ND	250	ug/kg	SW846 8260B
Trichlorofluoromethane	ND	250	ug/kg	SW846 8260B
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	250	ug/kg	SW846 8260B
Vinyl chloride	ND	250	ug/kg	SW846 8260B
Xylenes (total)	ND	750	ug/kg	SW846 8260B
Toluene	ND	250	ug/kg	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	82	(52 - 124)
Toluene-d8	101	(72 - 127)
4-Bromofluorobenzene	99	(63 - 120)
Dibromofluoromethane	92	(68 - 121)

NOTE(S):

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

J Estimated result. Result is less than RL.

TestAmerica Pittsburgh

LCS ICV

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: hp3.i
Lab File ID: 31105M05.D
Analysis Type: SOIL
Lab Sample ID: ver40
Method: \\pitsvr06\d\chem\hp3.i\3110508M.b\8260bsoil.m

Injection Date: 06-NOV-2008 00:36
Init. Cal. Date(s): 01-OCT-2008 05-NOV-2008
Init. Cal. Times: 11:08 22:31
Quant Type: ISTD

COMPOUND	RRF / AMOUNT	RF40	CCAL RRF40	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE	
$ 39 Dibromofluoromethane	0.19583	0.19999	0.19999	0.010	-2.12846	25.00000	Averaged	
$ 43 1,2-Dichloroethane-d4	0.25781	0.26319	0.26319	0.010	-2.08881	25.00000	Averaged	
$ 59 Toluene-d8	3.91020	3.96630	3.96630	0.010	-1.43460	25.00000	Averaged	
$ 80 Bromofluorobenzene	1.50072	1.51732	1.51732	0.010	-1.10605	25.00000	Averaged	
1 Dichlorodifluoromethane	0.26160	0.17111	0.17111	0.010	34.58844	25.00000	Averaged	<-
2 Chloromethane	0.39492	0.34141	0.34141	0.100	13.55007	25.00000	Averaged	
3 Vinyl Chloride	0.34307	0.30424	0.30424	0.010	11.31946	20.00000	Averaged	
4 Bromomethane	0.09765	0.09645	0.09645	0.010	1.22822	25.00000	Averaged	
5 Chloroethane	0.10902	0.10858	0.10858	0.010	0.40167	25.00000	Averaged	
166 Trichlorofluoromethane	0.23287	0.21503	0.21503	0.010	7.65860	25.00000	Averaged	
10 1,1,2-trichloro-1,2,2-trifl	0.23290	0.21980	0.21980	0.010	5.62202	25.00000	Averaged	
12 1,1-Dichloroethene	0.24518	0.23948	0.23948	0.010	2.32728	20.00000	Averaged	
15 Carbon Disulfide	0.74821	0.75857	0.75857	0.010	-1.38410	25.00000	Averaged	
13 Acetone	200	147	0.09786	0.010	26.74487	0.000e+000	Quadratic	
17 Acetonitrile	0.01936	0.01863	0.01863	0.001	3.78232	25.00000	Averaged	
18 Methylene Chloride	200	205	0.29174	0.010	-2.51878	0.000e+000	Quadratic	
19 trans-1,2-Dichloroethene	0.27019	0.27316	0.27316	0.010	-1.10090	25.00000	Averaged	
20 Methyl tert-butyl ether	0.72642	0.80869	0.80869	0.010	-11.32486	25.00000	Averaged	
24 1,1-Dichloroethane	0.49143	0.49993	0.49993	0.100	-1.73088	25.00000	Averaged	
27 2,2-Dichloropropane	0.30150	0.30997	0.30997	0.010	-2.80918	25.00000	Averaged	
28 cis-1,2-dichloroethene	0.28005	0.30086	0.30086	0.010	-7.42955	25.00000	Averaged	
M 29 1,2-Dichloroethene (total)	0.27512	0.28701	0.28701	0.010	-4.32196	25.00000	Averaged	
30 Bromochloromethane	0.11575	0.11807	0.11807	0.010	-2.00833	25.00000	Averaged	
31 2-Butanone	0.16136	0.14269	0.14269	0.010	11.57186	25.00000	Averaged	
37 Chloroform	0.41562	0.43742	0.43742	0.010	-5.24507	20.00000	Averaged	
38 1,1,1-Trichloroethane	0.34822	0.36544	0.36544	0.010	-4.94347	25.00000	Averaged	
40 1,1-Dichloropropene	0.35797	0.37472	0.37472	0.010	-4.67879	25.00000	Averaged	
41 Carbon Tetrachloride	0.29225	0.29891	0.29891	0.010	-2.27706	25.00000	Averaged	
42 Benzene	1.07119	1.12951	1.12951	0.010	-5.44449	25.00000	Averaged	
45 1,2-Dichloroethane	0.31732	0.33762	0.33762	0.010	-6.39779	25.00000	Averaged	
47 Trichloroethene	0.24911	0.26275	0.26275	0.010	-5.47385	25.00000	Averaged	
49 1,2-Dichloropropane	0.25793	0.27685	0.27685	0.010	-7.33828	20.00000	Averaged	
50 Dibromomethane	0.11920	0.12941	0.12941	0.010	-8.56759	25.00000	Averaged	
53 Bromodichloromethane	0.28985	0.30921	0.30921	0.010	-6.67868	25.00000	Averaged	
57 cis-1,3-Dichloropropene	0.36563	0.41152	0.41152	0.010	-12.55127	25.00000	Averaged	
58 4-Methyl-2-Pentanone	1.26657	1.35501	1.35501	0.010	-6.98280	25.00000	Averaged	
60 Toluene	4.67346	4.92783	4.92783	0.010	-5.44287	20.00000	Averaged	
61 trans-1,3-Dichloropropene	1.47062	1.60342	1.60342	0.010	-9.03052	25.00000	Averaged	
63 1,3-Dichloropropane	1.55460	1.68495	1.68495	0.010	-8.38485	25.00000	Averaged	
64 1,1,2-Trichloroethane	0.89323	0.92452	0.92452	0.010	-3.50357	25.00000	Averaged	
65 Tetrachloroethene	0.91654	0.94999	0.94999	0.010	-3.64950	25.00000	Averaged	
66 2-Hexanone	0.96059	0.91232	0.91232	0.010	5.02479	25.00000	Averaged	
67 Dibromochloromethane	0.80991	0.89333	0.89333	0.010	-10.29986	25.00000	Averaged	

TestAmerica Pittsburgh

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: hp3.i
Lab File ID: 31105M05.D
Analysis Type: SOIL
Lab Sample ID: ver40
Method: \\pitsvr06\d\chem\hp3.i\3110508M.b\8260bsoil.m

Injection Date: 06-NOV-2008 00:36
Init. Cal. Date(s): 01-OCT-2008 05-NOV-2008
Init. Cal. Times: 11:08 22:31
Quant Type: ISTD

COMPOUND	RRF / AMOUNT	RF40	CCAL RRF40	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE
68 1,2-Dibromoethane	0.80512	0.87599	0.87599	0.010	-8.80171	25.00000	Averaged
70 Chlorobenzene	2.85047	3.01354	3.01354	0.300	-5.72079	25.00000	Averaged
71 1,1,1,2-Tetrachloroethane	0.99674	1.06987	1.06987	0.010	-7.33705	25.00000	Averaged
72 Ethylbenzene	1.79260	1.88289	1.88289	0.010	-5.03637	20.00000	Averaged
73 m + p-Xylene	2.18312	2.31269	2.31269	0.010	-5.93513	25.00000	Averaged
74 Xylene-o	2.22940	2.36053	2.36053	0.010	-5.88187	25.00000	Averaged
76 Styrene	3.34519	3.68214	3.68214	0.010	-10.07256	25.00000	Averaged
77 Bromoform	0.49802	0.57677	0.57677	0.100	-15.81343	25.00000	Averaged
78 Isopropylbenzene	5.67904	6.00206	6.00206	0.010	-5.68792	25.00000	Averaged
79 Bromobenzene	0.71918	0.78548	0.78548	0.010	-9.21941	25.00000	Averaged
81 n-Propylbenzene	1.01748	1.04080	1.04080	0.010	-2.29184	25.00000	Averaged
82 2-Chlorotoluene	0.82078	0.89034	0.89034	0.010	-8.47542	25.00000	Averaged
83 1,1,2,2-Tetrachloroethane	1.18442	1.26475	1.26475	0.300	-6.78200	25.00000	Averaged
84 1,2,3-Trichloropropane	0.24763	0.23690	0.23690	0.010	4.33345	25.00000	Averaged
85 4-Chlorotoluene	0.79297	0.88111	0.88111	0.010	-11.11413	25.00000	Averaged
86 1,3,5-Trimethylbenzene	3.08832	3.29127	3.29127	0.010	-6.57127	25.00000	Averaged
87 tert-Butylbenzene	2.67455	2.79807	2.79807	0.010	-4.61848	25.00000	Averaged
88 1,2,4-Trimethylbenzene	3.06465	3.30603	3.30603	0.010	-7.87645	25.00000	Averaged
89 sec-Butylbenzene	4.05360	4.33337	4.33337	0.010	-6.90164	25.00000	Averaged
90 4-Isopropyltoluene	3.31119	3.42145	3.42145	0.010	-3.32972	25.00000	Averaged
91 1,3-Dichlorobenzene	1.49623	1.60309	1.60309	0.010	-7.14166	25.00000	Averaged
93 1,4-Dichlorobenzene	1.52736	1.63577	1.63577	0.010	-7.09809	25.00000	Averaged
94 n-Butylbenzene	3.08069	3.22879	3.22879	0.010	-4.80751	25.00000	Averaged
95 1,2-Dichlorobenzene	1.43294	1.55753	1.55753	0.010	-8.69486	25.00000	Averaged
96 1,2-Dibromo-3-chloropropane	0.13002	0.14895	0.14895	0.010	-14.55707	25.00000	Averaged
97 1,2,4-Trichlorobenzene	1.07247	1.15354	1.15354	0.010	-7.55924	25.00000	Averaged
98 Hexachlorobutadiene	0.59340	0.63147	0.63147	0.010	-6.41618	25.00000	Averaged
99 Naphthalene	2.36247	2.60187	2.60187	0.010	-10.13312	25.00000	Averaged
100 1,2,3-Trichlorobenzene	0.92338	0.99315	0.99315	0.010	-7.55591	25.00000	Averaged
156 Methyl Acetate	0.22313	0.22341	0.22341	0.010	-0.12555	25.00000	Averaged
157 Cyclohexane	0.60833	0.58847	0.58847	0.010	3.26485	25.00000	Averaged
158 Methyl Cyclohexane	0.55681	0.52796	0.52796	0.010	5.18257	25.00000	Averaged
165 1,3,5-Trichlorobenzene	1.19392	1.24578	1.24578	0.010	-4.34323	50.00000	Averaged
M 75 Xylenes (total)	2.19855	2.32864	2.32864	0.010	-5.91712	25.00000	Averaged

TestAmerica Pittsburgh

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: hp3.i Injection Date: 07-NOV-2008 06:03
Lab File ID: CC31107.D Init. Cal. Date(s): 01-OCT-2008 05-NOV-2008
Analysis Type: SOIL Init. Cal. Times: 11:08 22:31
Lab Sample ID: vstd40 Quant Type: ISTD
Method: \\pitsvr06\d\chem\hp3.i\3110708d.b\8260bsoil.m

COMPOUND	RRF / AMOUNT	RF40	CCAL RRF40	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE	
$ 39 Dibromofluoromethane	0.19583	0.20626	0.20626	0.010	-5.32784	25.00000	Averaged	
$ 43 1,2-Dichloroethane-d4	0.25781	0.24412	0.24412	0.010	5.30723	25.00000	Averaged	
$ 59 Toluene-d8	3.91020	4.53122	4.53122	0.010	-15.88197	25.00000	Averaged	
$ 80 Bromofluorobenzene	1.50072	1.55186	1.55186	0.010	-3.40786	25.00000	Averaged	
1 Dichlorodifluoromethane	0.26160	0.25979	0.25979	0.010	0.69029	25.00000	Averaged	
2 Chloromethane	0.39492	0.39371	0.39371	0.100	0.30619	25.00000	Averaged	
3 Vinyl Chloride	0.34307	0.38421	0.38421	0.010	-11.98998	20.00000	Averaged	
4 Bromomethane	0.09765	0.11192	0.11192	0.010	-14.60959	25.00000	Averaged	
5 Chloroethane	0.10902	0.12640	0.12640	0.010	-15.94508	25.00000	Averaged	
166 Trichlorofluoromethane	0.23287	0.30321	0.30321	0.010	-30.20913	25.00000	Averaged	c-
10 1,1,2-trichloro-1,2,2-trifl	0.23290	0.26416	0.26416	0.010	-13.42439	25.00000	Averaged	
12 1,1-Dichloroethene	0.24518	0.26219	0.26219	0.010	-6.93822	20.00000	Averaged	
15 Carbon Disulfide	0.74821	0.82470	0.82470	0.010	-10.22268	25.00000	Averaged	
13 Acetone	200	232	0.14521	0.010	-15.81545	0.000e+000	Quadratic	
18 Methylene Chloride	200	196	0.27957	0.010	2.11704	0.000e+000	Quadratic	
19 trans-1,2-Dichloroethene	0.27019	0.29440	0.29440	0.010	-8.96138	25.00000	Averaged	
20 Methyl tert-butyl ether	0.72642	0.71792	0.71792	0.010	1.17037	25.00000	Averaged	
24 1,1-Dichloroethane	0.49143	0.51655	0.51655	0.100	-5.11253	25.00000	Averaged	
27 2,2-Dichloropropane	0.30150	0.36085	0.36085	0.010	-19.68363	25.00000	Averaged	
28 cis-1,2-dichloroethene	0.28005	0.28856	0.28856	0.010	-3.03647	25.00000	Averaged	
M 29 1,2-Dichloroethene (total)	0.27512	0.29148	0.29148	0.010	-5.94580	25.00000	Averaged	
30 Bromochloromethane	0.11575	0.11411	0.11411	0.010	1.40889	25.00000	Averaged	
31 2-Butanone	0.16136	0.17434	0.17434	0.010	-8.04560	25.00000	Averaged	
37 Chloroform	0.41562	0.44053	0.44053	0.010	-5.99476	20.00000	Averaged	
38 1,1,1-Trichloroethane	0.34822	0.40322	0.40322	0.010	-15.79500	25.00000	Averaged	
40 1,1-Dichloropropene	0.35797	0.39185	0.39185	0.010	-9.46368	25.00000	Averaged	
41 Carbon Tetrachloride	0.29225	0.32951	0.32951	0.010	-12.74915	25.00000	Averaged	
42 Benzene	1.07119	1.13720	1.13720	0.010	-6.16269	25.00000	Averaged	
45 1,2-Dichloroethane	0.31732	0.30499	0.30499	0.010	3.88784	25.00000	Averaged	
47 Trichloroethene	0.24911	0.28106	0.28106	0.010	-12.82608	25.00000	Averaged	
49 1,2-Dichloropropane	0.25793	0.26084	0.26084	0.010	-1.12856	20.00000	Averaged	
50 Dibromomethane	0.11920	0.11007	0.11007	0.010	7.65492	25.00000	Averaged	
53 Bromodichloromethane	0.28985	0.29491	0.29491	0.010	-1.74709	25.00000	Averaged	
57 cis-1,3-Dichloropropene	0.36563	0.36922	0.36922	0.010	-0.98169	25.00000	Averaged	
58 4-Methyl-2-Pentanone	1.26657	1.35757	1.35757	0.010	-7.18485	25.00000	Averaged	
60 Toluene	4.67346	5.42357	5.42357	0.010	-16.05048	20.00000	Averaged	
61 trans-1,3-Dichloropropene	1.47062	1.57106	1.57106	0.010	-6.82972	25.00000	Averaged	
63 1,3-Dichloropropane	1.55460	1.60021	1.60021	0.010	-2.93355	25.00000	Averaged	
64 1,1,2-Trichloroethane	0.89323	0.84483	0.84483	0.010	5.41834	25.00000	Averaged	
65 Tetrachloroethene	0.91654	1.06842	1.06842	0.010	-16.57048	25.00000	Averaged	
66 2-Hexanone	0.96059	1.14299	1.14299	0.010	-18.98833	25.00000	Averaged	
67 Dibromochloromethane	0.80991	0.85129	0.85129	0.010	-5.10881	25.00000	Averaged	
68 1,2-Dibromoethane	0.80512	0.83318	0.83318	0.010	-3.48490	25.00000	Averaged	

TestAmerica Pittsburgh

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: hp3.i Injection Date: 07-NOV-2008 06:03
Lab File ID: CC31107.D Init. Cal. Date(s): 01-OCT-2008 05-NOV-2008
Analysis Type: SOIL Init. Cal. Times: 11:08 22:31
Lab Sample ID: vstd40 Quant Type: ISTD
Method: \\pitsvr06\d\chem\hp3.i\3110708d.b\8260bsoil.m

COMPOUND	RRF / AMOUNT	RF40	CCAL RRF40	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE	
70 Chlorobenzene	2.85047	3.18675	3.18675	0.300	-11.79709	25.00000	Averaged	
71 1,1,1,2-Tetrachloroethane	0.99674	1.13441	1.13441	0.010	-13.81250	25.00000	Averaged	
72 Ethylbenzene	1.79260	2.07184	2.07184	0.010	-15.57679	20.00000	Averaged	
73 m + p-Xylene	2.18312	2.52146	2.52146	0.010	-15.49822	25.00000	Averaged	
74 Xylene-o	2.22940	2.53405	2.53405	0.010	-13.66480	25.00000	Averaged	
76 Styrene	3.34519	3.86860	3.86860	0.010	-15.64637	25.00000	Averaged	
77 Bromoform	0.49802	0.52742	0.52742	0.100	-5.90360	25.00000	Averaged	
78 Isopropylbenzene	5.67904	6.85010	6.85010	0.010	-20.62062	25.00000	Averaged	
79 Bromobenzene	0.71918	0.80900	0.80900	0.010	-12.48892	25.00000	Averaged	
81 n-Propylbenzene	1.01748	1.20604	1.20604	0.010	-18.53205	25.00000	Averaged	
82 2-Chlorotoluene	0.82078	0.95123	0.95123	0.010	-15.89467	25.00000	Averaged	
83 1,1,2,2-Tetrachloroethane	1.18442	1.17241	1.17241	0.300	1.01416	25.00000	Averaged	
84 1,2,3-Trichloropropane	0.24763	0.24493	0.24493	0.010	1.09126	25.00000	Averaged	
85 4-Chlorotoluene	0.79297	0.92761	0.92761	0.010	-16.97822	25.00000	Averaged	
86 1,3,5-Trimethylbenzene	3.08832	3.78158	3.78158	0.010	-22.44753	25.00000	Averaged	
87 tert-Butylbenzene	2.67455	3.32699	3.32699	0.010	-24.39462	25.00000	Averaged	
88 1,2,4-Trimethylbenzene	3.06465	3.67032	3.67032	0.010	-19.76314	25.00000	Averaged	
89 sec-Butylbenzene	4.05360	5.06554	5.06554	0.010	-24.96390	25.00000	Averaged	
90 4-Isopropyltoluene	3.31119	4.14546	4.14546	0.010	-25.19530	25.00000	Averaged	<-
91 1,3-Dichlorobenzene	1.49623	1.69887	1.69887	0.010	-13.54338	25.00000	Averaged	
93 1,4-Dichlorobenzene	1.52736	1.68896	1.68896	0.010	-10.58024	25.00000	Averaged	
94 n-Butylbenzene	3.08069	3.76241	3.76241	0.010	-22.12877	25.00000	Averaged	
95 1,2-Dichlorobenzene	1.43294	1.57407	1.57407	0.010	-9.84915	25.00000	Averaged	
96 1,2-Dibromo-3-chloropropane	0.13002	0.13860	0.13860	0.010	-6.59509	25.00000	Averaged	
97 1,2,4-Trichlorobenzene	1.07247	1.16397	1.16397	0.010	-8.53119	25.00000	Averaged	
98 Hexachlorobutadiene	0.59340	0.71258	0.71258	0.010	-20.08415	25.00000	Averaged	
100 1,2,3-Trichlorobenzene	0.92338	0.96979	0.96979	0.010	-5.02589	25.00000	Averaged	
156 Methyl Acetate	0.22313	0.19178	0.19178	0.010	14.05181	25.00000	Averaged	
157 Cyclohexane	0.60833	0.67443	0.67443	0.010	-10.86563	25.00000	Averaged	
158 Methyl Cyclohexane	0.55681	0.61768	0.61768	0.010	-10.93173	25.00000	Averaged	
M 75 Xylenes (total)	2.19855	2.52566	2.52566	0.010	-14.87850	25.00000	Averaged	

TestAmerica Pittsburgh

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: hp4.i Injection Date: 11-NOV-2008 07:36
Lab File ID: 1C41111.D Init. Cal. Date(s): 29-OCT-2008 08-NOV-2008
Analysis Type: SOIL Init. Cal. Times: 21:25 10:07
Lab Sample ID: vstd40 Quant Type: ISTD
Method: \\PITSVR06\D\chem\hp4.i\4111108d.b\med500.m

COMPOUND	RRF / AMOUNT	RF40	CCAL RRF40	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE	
$ 39 Dibromofluoromethane	0.21548	0.23913	0.23913	0.010	-10.97734	25.00000	Averaged	
$ 43 1,2-Dichloroethane-d4	0.28698	0.32983	0.32983	0.010	-14.93225	25.00000	Averaged	
$ 59 Toluene-d8	3.87696	3.82553	3.82553	0.010	1.32637	25.00000	Averaged	
$ 80 Bromofluorobenzene	1.42303	1.51543	1.51543	0.010	-6.49352	25.00000	Averaged	
1 Dichlorodifluoromethane	0.35253	0.27640	0.27640	0.010	21.59511	25.00000	Averaged	
2 Chloromethane	0.40942	0.41758	0.41758	0.100	-1.99237	25.00000	Averaged	
3 Vinyl Chloride	0.34815	0.34811	0.34811	0.010	0.01219	20.00000	Averaged	
4 Bromomethane	0.10321	0.13100	0.13100	0.010	-26.93258	25.00000	Averaged	<-
5 Chloroethane	0.13001	0.15537	0.15537	0.010	-19.51181	25.00000	Averaged	
6 Trichlorofluoromethane	0.39804	0.37960	0.37960	0.010	4.63220	25.00000	Averaged	
10 1,1,2-trichloro-1,2,2-trifl	0.26504	0.24686	0.24686	0.010	6.85712	25.00000	Averaged	
12 1,1-Dichloroethene	0.26359	0.23018	0.23018	0.010	12.67700	20.00000	Averaged	
15 Carbon Disulfide	0.84386	0.76486	0.76486	0.010	9.36164	25.00000	Averaged	
13 Acetone	200	234	0.10063	0.010	-17.10564	0.000e+000	Quadratic	
18 Methylene Chloride	0.26753	0.26674	0.26674	0.010	0.29513	25.00000	Averaged	
19 trans-1,2-Dichloroethene	0.28068	0.26590	0.26590	0.010	5.26561	25.00000	Averaged	
20 Methyl tert-butyl ether	0.71838	0.75890	0.75890	0.010	-5.64108	25.00000	Averaged	
24 1,1-Dichloroethane	0.48888	0.53942	0.53942	0.100	-10.33692	25.00000	Averaged	
27 2,2-Dichloropropane	0.30872	0.31316	0.31316	0.010	-1.43680	25.00000	Averaged	
28 cis-1,2-dichloroethene	0.28480	0.28724	0.28724	0.010	-0.85621	25.00000	Averaged	
M 29 1,2-Dichloroethene (total)	0.28274	0.27657	0.27657	0.010	2.18240	25.00000	Averaged	
30 Bromochloromethane	0.13812	0.13164	0.13164	0.010	4.69263	25.00000	Averaged	
31 2-Butanone	0.13325	0.18493	0.18493	0.010	-38.78692	25.00000	Averaged	<-
37 Chloroform	0.43486	0.46067	0.46067	0.010	-5.93700	20.00000	Averaged	
38 1,1,1-Trichloroethane	0.39063	0.39642	0.39642	0.010	-1.48165	25.00000	Averaged	
40 1,1-Dichloropropene	0.36864	0.40356	0.40356	0.010	-9.47147	25.00000	Averaged	
41 Carbon Tetrachloride	0.30973	0.33122	0.33122	0.010	-6.93807	25.00000	Averaged	
42 Benzene	1.06429	1.15301	1.15301	0.010	-8.33645	25.00000	Averaged	
45 1,2-Dichloroethane	0.38834	0.40072	0.40072	0.010	-3.18794	25.00000	Averaged	
47 Trichloroethene	0.29294	0.29051	0.29051	0.010	0.83034	25.00000	Averaged	
49 1,2-Dichloropropane	0.25545	0.30102	0.30102	0.010	-17.83821	20.00000	Averaged	
50 Dibromomethane	0.13606	0.14706	0.14706	0.010	-8.08419	25.00000	Averaged	
53 Bromodichloromethane	0.30618	0.32813	0.32813	0.010	-7.16940	25.00000	Averaged	
57 cis-1,3-Dichloropropene	0.38489	0.44778	0.44778	0.010	-16.33774	25.00000	Averaged	
58 4-Methyl-2-Pentanone	1.13176	1.23205	1.23205	0.010	-8.86142	25.00000	Averaged	
60 Toluene	4.74647	4.53820	4.53820	0.010	4.38792	20.00000	Averaged	
61 trans-1,3-Dichloropropene	1.43130	1.56039	1.56039	0.010	-9.01891	25.00000	Averaged	
63 1,3-Dichloropropane	1.56769	1.63727	1.63727	0.010	-4.43786	25.00000	Averaged	
64 1,1,2-Trichloroethane	0.85836	0.85468	0.85468	0.010	0.42885	25.00000	Averaged	
65 Tetrachloroethene	1.01512	0.92317	0.92317	0.010	9.05775	25.00000	Averaged	
66 2-Hexanone	0.74141	0.88673	0.88673	0.010	-19.60009	25.00000	Averaged	
67 Dibromochloromethane	0.86170	0.81799	0.81799	0.010	5.07314	25.00000	Averaged	
68 1,2-Dibromoethane	0.89009	0.91304	0.91304	0.010	-2.57790	25.00000	Averaged	

TestAmerica Pittsburgh

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: hp4.i Injection Date: 11-NOV-2008 07:36
Lab File ID: 1C41111.D Init. Cal. Date(s): 29-OCT-2008 08-NOV-2008
Analysis Type: SOIL Init. Cal. Times: 21:25 10:07
Lab Sample ID: vstd40 Quant Type: ISTD
Method: \\PITSVR06\D\chem\hp4.i\4111108d.b\med500.m

COMPOUND	RRF / AMOUNT	RF40	CCAL RRF40	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE
70 Chlorobenzene	3.04716	2.98498	2.98498	0.300	2.04048	25.00000	Averaged
71 1,1,1,2-Tetrachloroethane	0.96880	0.94549	0.94549	0.010	2.40619	25.00000	Averaged
72 Ethylbenzene	1.79778	1.60513	1.60513	0.010	10.71595	20.00000	Averaged
73 m + p-Xylene	2.20144	2.04924	2.04924	0.010	6.91345	25.00000	Averaged
74 Xylene-o	2.12055	1.94790	1.94790	0.010	8.14162	25.00000	Averaged
76 Styrene	3.48932	3.53696	3.53696	0.010	-1.36551	25.00000	Averaged
77 Bromoform	0.52063	0.54989	0.54989	0.100	-5.62097	25.00000	Averaged
78 Isopropylbenzene	5.59797	5.36116	5.36116	0.010	4.23023	25.00000	Averaged
83 1,1,2,2-Tetrachloroethane	0.62778	0.60306	0.60306	0.300	3.93904	25.00000	Averaged
84 1,2,3-Trichloropropane	0.22166	0.19395	0.19395	0.010	12.49846	25.00000	Averaged
86 1,3,5-Trimethylbenzene	2.87495	2.53015	2.53015	0.010	11.99354	25.00000	Averaged
88 1,2,4-Trimethylbenzene	2.88038	2.58959	2.58959	0.010	10.09537	25.00000	Averaged
91 1,3-Dichlorobenzene	1.59099	1.37894	1.37894	0.010	13.32820	25.00000	Averaged
93 1,4-Dichlorobenzene	1.66258	1.41910	1.41910	0.010	14.64480	25.00000	Averaged
95 1,2-Dichlorobenzene	1.46345	1.25675	1.25675	0.010	14.12464	25.00000	Averaged
96 1,2-Dibromo-3-chloropropane	200	192	0.09329	0.010	4.16630	0.000e+000	Quadratic
97 1,2,4-Trichlorobenzene	0.58269	0.70361	0.70361	0.010	-20.75211	25.00000	Averaged
99 Naphthalene	200	292	1.46080	0.010	-46.01860	0.000e+000	Quadratic
100 1,2,3-Trichlorobenzene	200	276	0.53183	0.010	-37.86564	0.000e+000	Quadratic
155 Methyl Acetate	0.24010	0.24871	0.24871	0.010	-3.58398	25.00000	Averaged
156 Cyclohexane	0.56429	0.60246	0.60246	0.010	-6.76281	25.00000	Averaged
157 Methyl Cyclohexane	0.52721	0.51157	0.51157	0.010	2.96724	25.00000	Averaged
M 75 Xylenes (total)	2.17448	2.01546	2.01546	0.010	7.31269	25.00000	Averaged

TestAmerica Pittsburgh

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: 731.i
Lab File ID: V11130CC.D
Analysis Type:
Lab Sample ID: SSTD4.0
Method: \\PITSVR06\D\chem\731.i\V111308.b\827011.m

Injection Date: 13-NOV-2008 01:48
Init. Cal. Date(s): 23-OCT-2008 23-OCT-2008
Init. Cal. Times: 00:05 04:48
Quant Type: ISTD

COMPOUND	RRF / AMOUNT	RF4	CCAL RRF4	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE
198 1,4-Dioxane	4.00000	3.89210	0.15425	0.010	2.69762	0.000e+000	Quadratic
10 N-Nitrosodimethylamine	0.21621	0.20014	0.20014	0.010	7.43131	25.00000	Averaged
9 Pyridine	0.44319	0.36900	0.36900	0.010	16.74011	25.00000	Averaged
16 Methyl methanesulfonate	0.39775	0.39557	0.39557	0.010	0.55032	25.00000	Averaged
206 Benzaldehyde	4.00000	3.19389	0.33381	0.010	20.15270	0.000e+000	Quadratic
21 Aniline	1.43988	1.43057	1.43057	0.010	0.64667	25.00000	Averaged
22 Phenol	1.34980	1.34106	1.34106	0.010	0.64789	20.00000	Averaged
23 bis(2-Chloroethyl)ether	0.94733	0.92144	0.92144	0.010	2.73359	25.00000	Averaged
24 2-Chlorophenol	1.28837	1.28517	1.28517	0.010	0.24795	25.00000	Averaged
26 1,3-Dichlorobenzene	1.54135	1.52517	1.52517	0.010	1.04934	25.00000	Averaged
27 1,4-Dichlorobenzene	1.58187	1.59543	1.59543	0.010	-0.85703	20.00000	Averaged
28 1,2-Dichlorobenzene	1.51239	1.56402	1.56402	0.010	-3.41366	25.00000	Averaged
29 Benzyl Alcohol	0.66701	0.67533	0.67533	0.010	-1.24693	25.00000	Averaged
30 2-Methylphenol	1.08207	1.12306	1.12306	0.010	-3.78763	25.00000	Averaged
31 2,2'-oxybis(1-Chloropropane	1.21710	1.17336	1.17336	0.010	3.59347	25.00000	Averaged
37 Acetophenone	1.53835	1.62864	1.62864	0.010	-5.86895	25.00000	Averaged
32 N-Nitroso-di-n-propylamine	0.62782	0.67852	0.67852	0.050	-8.07563	50.00000	Averaged
192 4-Methylphenol	1.09392	1.25171	1.25171	0.010	-14.42413	25.00000	Averaged
34 Hexachloroethane	0.67552	0.67389	0.67389	0.010	0.24094	25.00000	Averaged
35 Nitrobenzene	0.26491	0.27467	0.27467	0.010	-3.68395	25.00000	Averaged
41 Isophorone	0.47894	0.48584	0.48584	0.010	-1.44089	25.00000	Averaged
42 2-Nitrophenol	0.17380	0.16998	0.16998	0.010	2.19538	20.00000	Averaged
43 2,4-Dimethylphenol	0.29025	0.30635	0.30635	0.010	-5.54580	25.00000	Averaged
44 bis(2-Chloroethoxy)methane	0.31339	0.33746	0.33746	0.010	-7.68056	25.00000	Averaged
48 2,4-Dichlorophenol	0.29703	0.31407	0.31407	0.010	-5.73587	20.00000	Averaged
49 Benzoic Acid	10.00000	12.25239	0.16407	0.010	-22.52393	0.000e+000	Quadratic
50 1,2,4-Trichlorobenzene	0.34159	0.35667	0.35667	0.010	-4.41443	25.00000	Averaged
51 Naphthalene	1.03121	1.04073	1.04073	0.010	-0.92298	25.00000	Averaged
52 4-Chloroaniline	0.39814	0.42872	0.42872	0.010	-7.67864	25.00000	Averaged
54 2,6-Dichlorophenol	0.31382	0.33006	0.33006	0.010	-5.17275	25.00000	Averaged
56 Hexachlorobutadiene	0.19957	0.20305	0.20305	0.010	-1.73928	20.00000	Averaged
208 Caprolactam	0.08063	0.08543	0.08543	0.010	-5.94619	25.00000	Averaged
59 4-Chloro-3-Methylphenol	0.26497	0.29086	0.29086	0.010	-9.77302	20.00000	Averaged
62 2-Methylnaphthalene	0.73401	0.74971	0.74971	0.010	-2.13871	25.00000	Averaged
63 1-Methylnaphthalene	0.73634	0.78780	0.78780	0.010	-6.98889	25.00000	Averaged
64 Hexachlorocyclopentadiene	0.29307	0.21280	0.21280	0.050	27.38940	50.00000	Averaged
66 2,4,6-Trichlorophenol	0.33113	0.31693	0.31693	0.010	4.28950	20.00000	Averaged
67 2,4,5-Trichlorophenol	0.33760	0.34171	0.34171	0.010	-1.21888	25.00000	Averaged
209 1,1'-Biphenyl	1.27622	1.27542	1.27542	0.010	0.06256	25.00000	Averaged
70 2-Chloronaphthalene	1.03476	1.05845	1.05845	0.010	-2.28908	25.00000	Averaged
73 2-Nitroaniline	0.23377	0.22435	0.22435	0.010	4.03265	25.00000	Averaged
76 Dimethylphthalate	1.07085	1.15412	1.15412	0.010	-7.77645	25.00000	Averaged

TestAmerica Pittsburgh

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: 731.i Injection Date: 13-NOV-2008 01:48
Lab File ID: V11130CC.D Init. Cal. Date(s): 23-OCT-2008 23-OCT-2008
Analysis Type: Init. Cal. Times: 00:05 04:48
Lab Sample ID: SSTD4.0 Quant Type: ISTD
Method: \\PITSVR06\D\chem\731.i\V111308.b\827011.m

COMPOUND	RRF / AMOUNT	RF4	CCAL RRF4	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE
78 2,6-Dinitrotoluene	0.23593	0.23590	0.23590	0.010	0.01499	25.00000	Averaged
79 Acenaphthylene	1.68447	1.64596	1.64596	0.010	2.28566	25.00000	Averaged
81 3-Nitroaniline	0.27844	0.28567	0.28567	0.010	-2.59333	25.00000	Averaged
82 Acenaphthene	1.05183	1.04469	1.04469	0.010	0.67869	20.00000	Averaged
83 2,4-Dinitrophenol	10.00000	10.24859	0.09763	0.050	-2.48589	0.000e+000	Quadratic
85 4-Nitrophenol	0.13878	0.16185	0.16185	0.050	-16.62203	50.00000	Averaged
86 Dibenzofuran	1.56249	1.60826	1.60826	0.010	-2.92914	25.00000	Averaged
87 2,4-Dinitrotoluene	0.33867	0.36109	0.36109	0.010	-6.62010	25.00000	Averaged
91 2,3,5,6-Tetrachlorophenol	0.28641	0.29057	0.29057	0.010	-1.45057	25.00000	Averaged
88 2,3,4,6-Tetrachlorophenol	0.30678	0.29364	0.29364	0.010	4.28257	25.00000	Averaged
92 2-Naphthylamine	0.57406	0.56801	0.56801	0.010	1.05257	25.00000	Averaged
93 Diethylphthalate	1.15744	1.27212	1.27212	0.010	-9.90764	25.00000	Averaged
94 Fluorene	1.22585	1.29023	1.29023	0.010	-5.25183	25.00000	Averaged
95 4-Chlorophenyl-phenylether	0.55778	0.60520	0.60520	0.010	-8.50169	25.00000	Averaged
96 4-Nitroaniline	0.28962	0.31910	0.31910	0.010	-10.17913	25.00000	Averaged
98 4,6-Dinitro-2-methylphenol	10.00000	10.23282	0.09215	0.010	-2.32820	0.000e+000	Quadratic
99 N-Nitrosodiphenylamine (1)	0.48313	0.49615	0.49615	0.010	-2.69441	20.00000	Averaged
100 1,2-Diphenylhydrazine	0.56945	0.59112	0.59112	0.010	-3.80546	25.00000	Averaged
106 4-Bromophenyl-phenylether	0.18687	0.18104	0.18104	0.010	3.12194	25.00000	Averaged
107 Hexachlorobenzene	0.21229	0.21014	0.21014	0.010	1.01153	25.00000	Averaged
210 Atrazine	0.10628	0.09858	0.09858	0.010	7.23760	25.00000	Averaged
111 Pentachlorophenol	10.00000	9.15303	0.09995	0.010	8.46971	0.000e+000	Quadratic
115 Phenanthrene	1.01200	1.03259	1.03259	0.010	-2.03393	25.00000	Averaged
116 Anthracene	1.02321	1.03512	1.03512	0.010	-1.16382	25.00000	Averaged
119 Carbazole	0.98880	1.05451	1.05451	0.010	-6.64533	25.00000	Averaged
120 Di-n-Butylphthalate	1.18671	1.22572	1.22572	0.010	-3.28743	25.00000	Averaged
123 Fluoranthene	1.20971	1.25642	1.25642	0.010	-3.86154	20.00000	Averaged
124 Benzidine	4.00000	3.31934	0.24196	0.010	17.01656	0.000e+000	Quadratic
125 Pyrene	1.22708	1.16402	1.16402	0.010	5.13834	25.00000	Averaged
131 Butylbenzylphthalate	0.57469	0.53604	0.53604	0.010	6.72540	25.00000	Averaged
135 3,3'-Dichlorobenzidine	0.47880	0.42861	0.42861	0.010	10.48161	25.00000	Averaged
136 Benzo(a)Anthracene	1.15582	1.15310	1.15310	0.010	0.23500	25.00000	Averaged
137 Chrysene	1.15021	1.13460	1.13460	0.010	1.35756	25.00000	Averaged
139 bis(2-ethylhexyl)Phthalate	0.80249	0.77313	0.77313	0.010	3.65846	25.00000	Averaged
140 Di-n-octylphthalate	1.51798	1.22029	1.22029	0.010	19.61064	20.00000	Averaged
141 Benzo(b)fluoranthene	1.41402	1.40533	1.40533	0.010	0.61487	25.00000	Averaged
142 Benzo(k)fluoranthene	1.41243	1.42027	1.42027	0.010	-0.55553	25.00000	Averaged
143 7,12-dimethylbenz[a]anthrac	0.62511	0.59376	0.59376	0.010	5.01493	25.00000	Averaged
146 Benzo(a)pyrene	1.20646	1.16380	1.16380	0.010	3.53592	20.00000	Averaged
149 Indeno(1,2,3-cd)pyrene	1.46993	1.41171	1.41171	0.010	3.96059	25.00000	Averaged
150 Dibenz(a,h)anthracene	1.23484	1.18704	1.18704	0.010	3.87087	25.00000	Averaged
151 Benzo(g,h,i)perylene	1.28348	1.25948	1.25948	0.010	1.87008	25.00000	Averaged

TestAmerica Pittsburgh

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: 731.i Injection Date: 13-NOV-2008 01:48
Lab File ID: V11130CC.D Init. Cal. Date(s): 23-OCT-2008 23-OCT-2008
Analysis Type: Init. Cal. Times: 00:05 04:48
Lab Sample ID: SSTD4.0 Quant Type: ISTD
Method: \\PITSVR06\D\chem\731.i\V111308.b\827011.m

COMPOUND	RRF / AMOUNT	RF4	CCAL RRF4	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE
$ 154 Nitrobenzene-d5	0.27855	0.28281	0.28281	0.010	-1.52998	25.00000	Averaged
$ 155 2-Fluorobiphenyl	1.13839	1.15270	1.15270	0.010	-1.25733	25.00000	Averaged
$ 156 Terphenyl-d14	0.79168	0.74653	0.74653	0.010	5.70324	25.00000	Averaged
$ 157 Phenol-d5	1.26916	1.29739	1.29739	0.010	-2.22383	25.00000	Averaged
$ 158 2-Fluorophenol	0.88548	0.84313	0.84313	0.010	4.78312	25.00000	Averaged
$ 159 2,4,6-Tribromophenol	0.09403	0.08943	0.08943	0.010	4.89405	25.00000	Averaged
$ 186 2-Chlorophenol-d4	1.24345	1.24943	1.24943	0.010	-0.48079	25.00000	Averaged
$ 187 1,2-Dichlorobenzene-d4	0.97425	0.99732	0.99732	0.010	-2.36784	25.00000	Averaged

METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: C8K010195 **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: C8K110000-052 **Prep Batch #...:** 8316052						
Mercury	ND	0.033	mg/kg	SW846 7471A	11/11/08	K2MEN1AA
		Dilution Factor: 1				
		Analysis Time..: 13:03		Analyst ID.....: 401509	Instrument ID..: HGH	
MB Lot-Sample #: C8K110000-240 **Prep Batch #...:** 8316240						
Silver	ND	0.50	mg/kg	SW846 6010B	11/11-11/12/08	K2M5V1AA
		Dilution Factor: 1				
		Analysis Time..: 09:10		Analyst ID.....: 022952	Instrument ID..: TRA	
Aluminum	ND	20.0	mg/kg	SW846 6010B	11/11-11/12/08	K2M5V1AC
		Dilution Factor: 1				
		Analysis Time..: 09:10		Analyst ID.....: 022952	Instrument ID..: TRA	
Arsenic	ND	1.0	mg/kg	SW846 6010B	11/11-11/12/08	K2M5V1AD
		Dilution Factor: 1				
		Analysis Time..: 09:10		Analyst ID.....: 022952	Instrument ID..: TRA	
Barium	ND	20.0	mg/kg	SW846 6010B	11/11-11/12/08	K2M5V1AE
		Dilution Factor: 1				
		Analysis Time..: 09:10		Analyst ID.....: 022952	Instrument ID..: TRA	
Beryllium	ND	0.40	mg/kg	SW846 6010B	11/11-11/12/08	K2M5V1AF
		Dilution Factor: 1				
		Analysis Time..: 09:10		Analyst ID.....: 022952	Instrument ID..: TRA	
Calcium	ND	500	mg/kg	SW846 6010B	11/11-11/12/08	K2M5V1AG
		Dilution Factor: 1				
		Analysis Time..: 09:10		Analyst ID.....: 022952	Instrument ID..: TRA	
Cadmium	ND	0.50	mg/kg	SW846 6010B	11/11-11/12/08	K2M5V1AH
		Dilution Factor: 1				
		Analysis Time..: 09:10		Analyst ID.....: 022952	Instrument ID..: TRA	
Cobalt	ND	5.0	mg/kg	SW846 6010B	11/11-11/12/08	K2M5V1AJ
		Dilution Factor: 1				
		Analysis Time..: 09:10		Analyst ID.....: 022952	Instrument ID..: TRA	
Chromium	ND	0.50	mg/kg	SW846 6010B	11/11-11/12/08	K2M5V1AK
		Dilution Factor: 1				
		Analysis Time..: 09:10		Analyst ID.....: 022952	Instrument ID..: TRA	

(Continued on next page)

METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: C8K010195 **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Copper	ND	2.5	mg/kg	SW846 6010B	11/11-11/12/08	K2M5V1AL
		Dilution Factor: 1				
		Analysis Time..: 09:10		Analyst ID.....: 022952	Instrument ID..: TRA	
Iron	ND	10.0	mg/kg	SW846 6010B	11/11-11/12/08	K2M5V1AM
		Dilution Factor: 1				
		Analysis Time..: 09:10		Analyst ID.....: 022952	Instrument ID..: TRA	
Potassium	ND	500	mg/kg	SW846 6010B	11/11-11/12/08	K2M5V1AN
		Dilution Factor: 1				
		Analysis Time..: 09:10		Analyst ID.....: 022952	Instrument ID..: TRA	
Magnesium	ND	500	mg/kg	SW846 6010B	11/11-11/12/08	K2M5V1AP
		Dilution Factor: 1				
		Analysis Time..: 09:10		Analyst ID.....: 022952	Instrument ID..: TRA	
Manganese	ND	1.5	mg/kg	SW846 6010B	11/11-11/12/08	K2M5V1AQ
		Dilution Factor: 1				
		Analysis Time..: 09:10		Analyst ID.....: 022952	Instrument ID..: TRA	
Sodium	ND	500	mg/kg	SW846 6010B	11/11-11/12/08	K2M5V1AR
		Dilution Factor: 1				
		Analysis Time..: 09:10		Analyst ID.....: 022952	Instrument ID..: TRA	
Nickel	ND	4.0	mg/kg	SW846 6010B	11/11-11/12/08	K2M5V1AT
		Dilution Factor: 1				
		Analysis Time..: 09:10		Analyst ID.....: 022952	Instrument ID..: TRA	
Lead	ND	0.30	mg/kg	SW846 6010B	11/11-11/12/08	K2M5V1AU
		Dilution Factor: 1				
		Analysis Time..: 09:10		Analyst ID.....: 022952	Instrument ID..: TRA	
Selenium	ND	0.50	mg/kg	SW846 6010B	11/11-11/12/08	K2M5V1AV
		Dilution Factor: 1				
		Analysis Time..: 09:10		Analyst ID.....: 022952	Instrument ID..: TRA	
Thallium	ND	1.0	mg/kg	SW846 6010B	11/11-11/12/08	K2M5V1AW
		Dilution Factor: 1				
		Analysis Time..: 09:10		Analyst ID.....: 022952	Instrument ID..: TRA	
Antimony	ND	1.0	mg/kg	SW846 6010B	11/11-11/12/08	K2M5V1AX
		Dilution Factor: 1				
		Analysis Time..: 09:10		Analyst ID.....: 022952	Instrument ID..: TRA	
Vanadium	ND	5.0	mg/kg	SW846 6010B	11/11-11/12/08	K2M5V1A0
		Dilution Factor: 1				
		Analysis Time..: 09:10		Analyst ID.....: 022952	Instrument ID..: TRA	

(Continued on next page)

METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: C8K010195 **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Zinc	**0.19 B**	**2.0**	**mg/kg**	**SW846 6010B**	**11/11-11/12/08**	**K2M5V1A1**

Dilution Factor: 1
Analysis Time..: 09:10 Analyst ID.....: 022952 Instrument ID..: TRA

NOTE(S):

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

B Estimated result. Result is less than RL.

TestAmerica Pittsburgh

Metals Data Reporting Form

Initial Calibration Blank Results

Instrument: ICPST **Units:** ug/L

Chart Number: T81112B.ARC

Standard Source: _____ **Standard ID:** _____

Element	WL/ Mass	Report Limit	ICB1 11/12/2008 8:37 AM Found	Q	Found	Q	Found	Q	Found	Q	Found	Q
Aluminum	308.215	200	24.0	U								
Antimony	220.353	10	2.1	U								
Arsenic	189.042	10	2.9	U								
Barium	493.409	200	0.8	U								
Beryllium	313.042	4	0.2	U								
Cadmium	226.502	5	0.2	U								
Calcium	317.933	6000	17.0	U								
Chromium	267.716	5	0.6	U								
Cobalt	228.616	50	0.8	U								
Copper	324.753	25	2.6	U								
Iron	271.441	100	12.9	U								
Lead	220.353	3	1.6	U								
Magnesium	279.078	5000	20.9	U								
Manganese	257.61	15	0.6	U								
Nickel	231.604	40	1.4	U								
Potassium	766.491	5000	750.0	U								
Selenium	220.353	5	1.7	U								
Silver	328.068	200	0.7	U								
Sodium	330.232	5000	**-620.0**	**B**								
Thallium	190.864	10	3.1	U								
Vanadium	292.402	50	2.4	U								
Zinc	213.856	20	1.8	U								

U Result is less than the MDL
B Result is between MDL and RL

Form 3 Equivalent

TestAmerica Pittsburgh

Metals Data Reporting Form

Continuing Calibration Blank Result

Instrument: ICPST **Units:** ug/L

Chart Number: T81112B.ARC

Standard Source: _____ **Standard ID:** _____

Element	WL/ Mass	Report Limit	CCB1 11/12/2008 9:05 AM Found	Q	CCB2 11/12/2008 10:11 AM Found	Q	Found	Q	Found	Q	Found	Q
Aluminum	308.215	200	24.0	U	24.0	U						
Antimony	220.353	10	2.1	U	2.1	U						
Arsenic	189.042	10	2.9	U	2.9	U						
Barium	493.409	200	0.8	U	0.8	U						
Beryllium	313.042	4	0.2	U	0.2	U						
Cadmium	226.502	5	0.2	U	0.2	U						
Calcium	317.933	6000	17.0	U	17.0	U						
Chromium	267.716	5	0.6	U	0.6	U						
Cobalt	228.616	50	0.8	U	0.8	U						
Copper	324.753	25	2.6	U	2.6	U						
Iron	271.441	100	12.9	U	12.9	U						
Lead	220.353	3	1.6	U	1.6	U						
Magnesium	279.078	5000	20.9	U	20.9	U						
Manganese	257.61	15	0.6	U	0.6	U						
Nickel	231.604	40	1.4	U	1.4	U						
Potassium	766.491	5000	750.0	U	750.0	U						
Selenium	220.353	5	1.7	U	1.7	U						
Silver	328.068	200	0.7	U	0.7	U						
Sodium	330.232	5000	**-520.0**	**B**	**-600.0**	**B**						
Thallium	190.864	10	3.1	U	3.1	U						
Vanadium	292.402	50	2.4	U	2.4	U						
Zinc	213.856	20	1.8	U	1.8	U						

U Result is less than the MDL

B Result is between MDL and RL

Form 3 Equivalent

ENSR, Schenectady RI

Cyanide, Total

Lab Name:	TESTAMERICA PITTSBURGH	**Method:**	SW846 9012A
Client Name:	AECOM, Inc	**Lot Number:**	C8K070000
Matrix:	SOLID	**Date/Time Received:**	10/30/2008 9:30:00AM

Client Sample ID	QC Sample Type	Workorder	Recovery (%)	Control Limits (%)	Prep Date - Analysis Date/Time	QC Batch	RPD / Limit (%)
CHECK SAMPLE	LCS	K2F7Q1AC	105	38 - 162	11/7/2008 - 11/7/2008 13:17	8312156	
CHECK SAMPLE	LCS	K2MVA1AC	88	38 - 162	11/11/200 - 11/11/2008 13:24	8316143	
CHECK SAMPLE	LCS	K24D71AC	95	38 - 162	11/17/200 - 11/17/2008 16:14	8322420	
LAB MS/MSD	MS	K10DJ1A0	93	75 - 125	11/7/2008 - 11/7/2008 13:17	8312156	7.4 / 20
SB48(9-10)	MS	K14F51CA	1120 N	75 - 125	11/11/200 - 11/11/2008 13:24	8316143	10 / 20
SB48(9-10)	MS	K14F51CF	NC D	75 - 125	11/17/200 - 11/17/2008 16:14	8322420	
LAB MS/MSD	MS	K18W41AU	119	75 - 125	11/11/200 - 11/11/2008 13:39	8316143	24 / 20
LAB MS/MSD	MS	K22181CA	81	75 - 125	11/17/200 - 11/17/2008 16:14	8322420	1.4 / 20
LAB MS/MSD	MS	K222X1CA	58 N	75 - 125	11/17/200 - 11/17/2008 16:27	8322420	58 / 20
LAB MS/MSD	MSD	K10DJ1A1	100	75 - 125	11/7/2008 - 11/7/2008 13:17	8312156	7.4 / 20
SB48(9-10)	MSD	K14F51CC	988 N	75 - 125	11/11/200 - 11/11/2008 13:24	8316143	10 / 20
SB48(9-10)	MSD	K14F51CG	NC D	75 - 125	11/17/200 - 11/17/2008 16:14	8322420	
LAB MS/MSD	MSD	K18W41AV	89 *	75 - 125	11/11/200 - 11/11/2008 13:39	8316143	24 / 20
LAB MS/MSD	MSD	K22181CC	82	75 - 125	11/17/200 - 11/17/2008 16:14	8322420	1.4 / 20
LAB MS/MSD	MSD	K222X1CC	105 *	75 - 125	11/17/200 - 11/17/2008 16:27	8322420	58 / 20

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

ENSR, Schenectady RI

Cyanide, Total

Lab Name: TESTAMERICA PITTSBURGH
Client Name: AECOM, Inc
Matrix: SOLID

Method: SW846 9012A
Report ID: C8K010195
Date/Time Received: 10/30/2008 9:30:00AM

Client Sample ID	Sample Number	Workorder	Result	Units	Reporting Limit	Prep Date-Analysis Date/Time	QC Batch	RPD / Limit (%)
BLK - C8K070000156B	156 MB	K2F7Q1AA	ND	mg/kg	0.50	11/7/2008 - 11/7/2008 14:04	8312156	
BLK - C8K110000143B	143 MB	K2MVA1AA	0.38 B	mg/kg	0.50	11/11/2008 - 11/11/2008 13:24	8316143	
BLK - C8K170000420B	420 MB	K24D71AA	ND	mg/kg	0.50	11/17/2008 - 11/17/2008 16:14	8322420	

CASE NARRATIVE

ENSR
Schenectady RI

Lot # C8K040347

Sample Receiving:
TestAmerica's Pittsburgh laboratory received samples on November 3, 2008. The cooler was received within the proper temperature range.

If project specific QC was not required for samples contained in this report and batch QC was completed on these samples, anomalous results will be discussed below.

GC/MS Volatiles:
Due to the concentration of target compounds detected, samples SB43(40-42.5) and SB35(40-41.5) were analyzed as medium level, methanol dilutions. These samples also required subsequent dilution.

The method blank for batch 8316306 had methylene chloride detected between the MDL and the reporting limit. The result was flagged with a "J" qualifier. Any sample in this batch that had this compound detected had the result flagged with a "B" qualifier.

GC/MS Semivolatiles:
Due to the concentration of target compounds detected, samples SB43(40-42.5) and SB35(40-41.5) were analyzed at a dilution. Sample SB43(40-42.5) had the surrogates diluted out.

Metals:
The method blank had analytes detected at concentrations between the MDL and the reporting limit. The results were flagged with a "B" qualifier. Any sample associated with a method blank that had the same analyte detected had the result flagged with a "J" qualifier.

General Chemistry:
The method blank for batch 8316143 had total cyanide detected at a concentration between the MDL and the reporting limit. The result was flagged with a "B" qualifier. Any sample associated with a method blank that had the same analyte detected had the result flagged with a "J" qualifier.

C8K040347

Chain of Custody Record

№ 0204

The RETEC Group, Inc.
1001 W. Seneca Street, Suite 204 • Ithaca, NY 14850-3342
(607) 277-5716 Phone • (607) 277-9057 Fax
www.retec.com

RETEC

Project Name: SCHENECTADY MGP	Project Number: 04980-011-200
Send Report To: JAMES EDWARDS	Sampler (Print Name): SCOTT HARRIGAN
Address: 1001 W. SENECA ST.	Sampler (Print Name): JESSE LLOYD
SUITE 204	Shipment Method: FEDEX
ITHACA, NY 14850	Airbill Number:
Phone: 607-277-5716	Laboratory Receiving: TEST AMERICA PITTSBURGH
Fax:	

Page 1 of 1

Purchase Order #: _____

Field Sample ID	Sample Date	Sample Time	Sample Matrix	Number of Containers	TCL VOC (8260B)	TCL SVOC (8270C)	TAL Metals 6000-7000	Total CN 9012A	Comments, Special Instructions, etc.	Lab Sample ID (to be completed by lab)
SB43(40-42.5)	11/1/08	1100	Soil	3	X	X	X	X		
SB43(50-52.5)	11/1/08	1445	Soil	3	X	X	X	X		
SB35(40-41.5)	11/2/08	1555	Soil	3	X	X	X	X		
SB35(45-47.5)	11/2/08	1600	Soil	3	X	X	X	X		

Relinquished by: (Signature)	Received by: (Signature) 11/4/08 1000	Date: 11/3/08	Time: 1600 FEDEX
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:

Sample Custodian Remarks (Completed By Laboratory):

QA/QC Level		Turnaround		Sample Receipt	
Level I	☐	Routine	☒	Total # Containers Received?	
Level II	☐	24 Hour	☐	COC Seals Present?	
Level III	☐	1 Week	☐	COC Seals Intact?	
Other	☐	Other ____		Received Containers Intact?	
				Temperature?	

White: Lab Copy Yellow: PM Copy Pink: Field Copy Gold: PM/QA/QC Copy

Cooler Receipt Form

TestAmerica Pittsburgh

Client: Retec Project: Schenectady MGP Quote: 72910

Cooler Rec'd & Opened for Temp. Check on: 11/4/08

Coolers Opened and Unpacked on: 11/4/08 By: Jim Ulmie (Signature)

TestAmerica Pittsburgh Lot Number: C8K040347

		Yes	No	NA
1.	Were custody seals on the outside of the cooler?	✓		
	If YES, how many and where? Quantity 1 Location Front			
	Were signatures and date correct?	✓		
2.	Were custody papers included inside the cooler?	✓		
3.	Were custody papers properly filled out (ink, signed, match labels)?	✓		
4.	Did you sign the custody papers in the appropriate place?	✓		
5.	Was shippers packing slip attached to this form?	✓		
6.	Were packing materials used?	✓		
	If YES, what type? Bubble Bags			
7.	Were the samples received within the acceptable temperature range?	✓		
8.	Were the samples appropriately preserved?			✓
9.	Were all bottles sealed in separate plastic bags?	✓		
10.	Did all bottles arrive in good condition (unbroken)?	✓		
11.	Were all bottle labels complete (sample ID, preservatives, etc.)?	✓		
12.	Did all bottle labels and/or tags agree with custody papers?	✓		
13.	Were correct bottles used for tests indicated?	✓		
14.	Were all VOA vials checked for the presence of air bubbles?			✓
15.	Was a sufficient amount of sample sent in each bottle?	✓		

16. Samples received by: (FEDEX) UPS CLIENT DROP-OFF OTHER DHL US CARGO

Explain any discrepancies: Oily Substance in cooler and all over sample SB43 (40 - 42.5)

Level 2 Review

Was contacted on _____ by _____ to resolve discrepancies.

Cooler Receipt Form

TestAmerica Pittsburgh

P: Preserved

UP: Unpreserved

Sample ID	TMET PH<2	DMET PH<2	HG PH<2	NUT(1) PH<2	CN PH ≥12	OG TPHC PH<2	PHEN PH<2	SULF PH ≥12	TOC PH<2	TOX PH<2	VOA P/UP	hardness PH<2			

(1) "NUT" could include sample bottles for ammonia, chemical oxygen demand, nitrate/nitrite, TKN, or total phosphorus

Comments: _____

Cooler Number	Temperature*	Thermometer ID
1	3.7	1

*Acceptable Temperature Range: 4°C ± 2°C

Sample	Lot Number**

**Please use an asterisk if bottle lot number was covered by the label

If samples required preservation in the laboratory, the following lot number(s) was/were used:

Nitric Acid _____ Hydrochloric Acid _____

Sulfuric Acid _____ Sodium Hydroxide _____

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: C8K040347 **Work Order #...:** K2NG71AA **Matrix.....:** SOLID
MB Lot-Sample #: C8K110000-306

Prep Date.....: 11/11/08 **Analysis Time..:** 08:40
Analysis Date..: 11/11/08 **Prep Batch #...:** 8316306 **Final Wgt/Vol..:** 5 mL
Dilution Factor: 1 **Initial Wgt/Vol:** 5 g **Instrument ID..:** HP4
Analyst ID.....: 034635

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Acetone	ND	1000	ug/kg	SW846 8260B
Benzene	ND	250	ug/kg	SW846 8260B
Bromodichloromethane	ND	250	ug/kg	SW846 8260B
Bromoform	ND	250	ug/kg	SW846 8260B
Bromomethane	ND	250	ug/kg	SW846 8260B
2-Butanone	ND	250	ug/kg	SW846 8260B
Carbon disulfide	ND	250	ug/kg	SW846 8260B
Carbon tetrachloride	ND	250	ug/kg	SW846 8260B
Chlorobenzene	ND	250	ug/kg	SW846 8260B
Chloroethane	ND	250	ug/kg	SW846 8260B
Chloroform	ND	250	ug/kg	SW846 8260B
Chloromethane	ND	250	ug/kg	SW846 8260B
Cyclohexane	ND	250	ug/kg	SW846 8260B
Dibromochloromethane	ND	250	ug/kg	SW846 8260B
1,2-Dibromo-3-chloropropane	ND	250	ug/kg	SW846 8260B
1,2-Dibromoethane	ND	250	ug/kg	SW846 8260B
1,3-Dichlorobenzene	ND	250	ug/kg	SW846 8260B
1,4-Dichlorobenzene	ND	250	ug/kg	SW846 8260B
1,2-Dichlorobenzene	ND	250	ug/kg	SW846 8260B
Dichlorodifluoromethane	ND	250	ug/kg	SW846 8260B
1,1-Dichloroethane	ND	250	ug/kg	SW846 8260B
1,2-Dichloroethane	ND	250	ug/kg	SW846 8260B
1,1-Dichloroethene	ND	250	ug/kg	SW846 8260B
cis-1,2-Dichloroethene	ND	250	ug/kg	SW846 8260B
trans-1,2-Dichloroethene	ND	250	ug/kg	SW846 8260B
1,2-Dichloropropane	ND	250	ug/kg	SW846 8260B
cis-1,3-Dichloropropene	ND	250	ug/kg	SW846 8260B
trans-1,3-Dichloropropene	ND	250	ug/kg	SW846 8260B
Ethylbenzene	ND	250	ug/kg	SW846 8260B
2-Hexanone	ND	250	ug/kg	SW846 8260B
Isopropylbenzene	ND	250	ug/kg	SW846 8260B
Methyl acetate	ND	250	ug/kg	SW846 8260B
Methylene chloride	**62 J**	**250**	**ug/kg**	**SW846 8260B**
Methylcyclohexane	ND	250	ug/kg	SW846 8260B
4-Methyl-2-pentanone	ND	250	ug/kg	SW846 8260B
Methyl tert-butyl ether	ND	250	ug/kg	SW846 8260B
Styrene	ND	250	ug/kg	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	250	ug/kg	SW846 8260B
1,2,4-Trichlorobenzene	ND	250	ug/kg	SW846 8260B

(Continued on next page)

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: C8K040347 **Work Order #...:** K2NG71AA **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Tetrachloroethene	ND	250	ug/kg	SW846 8260B
1,1,1-Trichloroethane	ND	250	ug/kg	SW846 8260B
1,1,2-Trichloroethane	ND	250	ug/kg	SW846 8260B
Trichloroethene	ND	250	ug/kg	SW846 8260B
Trichlorofluoromethane	ND	250	ug/kg	SW846 8260B
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	250	ug/kg	SW846 8260B
Vinyl chloride	ND	250	ug/kg	SW846 8260B
Xylenes (total)	ND	750	ug/kg	SW846 8260B
Toluene	ND	250	ug/kg	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	82	(52 - 124)
Toluene-d8	101	(72 - 127)
4-Bromofluorobenzene	99	(63 - 120)
Dibromofluoromethane	92	(68 - 121)

NOTE(S):

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

J Estimated result. Result is less than RL.

TestAmerica Pittsburgh

LLS ICV

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: hp3.i
Lab File ID: 31105M05.D
Analysis Type: SOIL
Lab Sample ID: ver40
Method: \\pitsvr06\d\chem\hp3.i\3110508M.b\8260bsoil.m

Injection Date: 06-NOV-2008 00:36
Init. Cal. Date(s): 01-OCT-2008 05-NOV-2008
Init. Cal. Times: 11:08 22:31
Quant Type: ISTD

COMPOUND	RRF / AMOUNT	RF40	CCAL RRF40	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE	
$ 39 Dibromofluoromethane	0.19583	0.19999	0.19999	0.010	-2.12846	25.00000	Averaged	
$ 43 1,2-Dichloroethane-d4	0.25781	0.26319	0.26319	0.010	-2.08881	25.00000	Averaged	
$ 59 Toluene-d8	3.91020	3.96630	3.96630	0.010	-1.43460	25.00000	Averaged	
$ 80 Bromofluorobenzene	1.50072	1.51732	1.51732	0.010	-1.10605	25.00000	Averaged	
1 Dichlorodifluoromethane	0.26160	0.17111	0.17111	0.010	34.58844	25.00000	Averaged	<-
2 Chloromethane	0.39492	0.34141	0.34141	0.100	13.55007	25.00000	Averaged	
3 Vinyl Chloride	0.34307	0.30424	0.30424	0.010	11.31946	20.00000	Averaged	
4 Bromomethane	0.09765	0.09645	0.09645	0.010	1.22822	25.00000	Averaged	
5 Chloroethane	0.10902	0.10858	0.10858	0.010	0.40167	25.00000	Averaged	
166 Trichlorofluoromethane	0.23287	0.21503	0.21503	0.010	7.65860	25.00000	Averaged	
10 1,1,2-trichloro-1,2,2-trifl	0.23290	0.21980	0.21980	0.010	5.62202	25.00000	Averaged	
12 1,1-Dichloroethene	0.24518	0.23948	0.23948	0.010	2.32728	20.00000	Averaged	
15 Carbon Disulfide	0.74821	0.75857	0.75857	0.010	-1.38410	25.00000	Averaged	
13 Acetone	200	147	0.09786	0.010	26.74487	0.000e+000	Quadratic	
17 Acetonitrile	0.01936	0.01863	0.01863	0.001	3.78232	25.00000	Averaged	
18 Methylene Chloride	200	205	0.29174	0.010	-2.51878	0.000e+000	Quadratic	
19 trans-1,2-Dichloroethene	0.27019	0.27316	0.27316	0.010	-1.10090	25.00000	Averaged	
20 Methyl tert-butyl ether	0.72642	0.80869	0.80869	0.010	-11.32486	25.00000	Averaged	
24 1,1-Dichloroethane	0.49143	0.49993	0.49993	0.100	-1.73088	25.00000	Averaged	
27 2,2-Dichloropropane	0.30150	0.30997	0.30997	0.010	-2.80918	25.00000	Averaged	
28 cis-1,2-dichloroethene	0.28005	0.30086	0.30086	0.010	-7.42955	25.00000	Averaged	
M 29 1,2-Dichloroethene (total)	0.27512	0.28701	0.28701	0.010	-4.32196	25.00000	Averaged	
30 Bromochloromethane	0.11575	0.11807	0.11807	0.010	-2.00833	25.00000	Averaged	
31 2-Butanone	0.16136	0.14269	0.14269	0.010	11.57186	25.00000	Averaged	
37 Chloroform	0.41562	0.43742	0.43742	0.010	-5.24507	20.00000	Averaged	
38 1,1,1-Trichloroethane	0.34822	0.36544	0.36544	0.010	-4.94347	25.00000	Averaged	
40 1,1-Dichloropropene	0.35797	0.37472	0.37472	0.010	-4.67879	25.00000	Averaged	
41 Carbon Tetrachloride	0.29225	0.29891	0.29891	0.010	-2.27706	25.00000	Averaged	
42 Benzene	1.07119	1.12951	1.12951	0.010	-5.44449	25.00000	Averaged	
45 1,2-Dichloroethane	0.31732	0.33762	0.33762	0.010	-6.39779	25.00000	Averaged	
47 Trichloroethene	0.24911	0.26275	0.26275	0.010	-5.47385	25.00000	Averaged	
49 1,2-Dichloropropane	0.25793	0.27685	0.27685	0.010	-7.33828	20.00000	Averaged	
50 Dibromomethane	0.11920	0.12941	0.12941	0.010	-8.56759	25.00000	Averaged	
53 Bromodichloromethane	0.28985	0.30921	0.30921	0.010	-6.67868	25.00000	Averaged	
57 cis-1,3-Dichloropropene	0.36563	0.41152	0.41152	0.010	-12.55127	25.00000	Averaged	
58 4-Methyl-2-Pentanone	1.26657	1.35501	1.35501	0.010	-6.98280	25.00000	Averaged	
60 Toluene	4.67346	4.92783	4.92783	0.010	-5.44287	20.00000	Averaged	
61 trans-1,3-Dichloropropene	1.47062	1.60342	1.60342	0.010	-9.03052	25.00000	Averaged	
63 1,3-Dichloropropane	1.55460	1.68495	1.68495	0.010	-8.38485	25.00000	Averaged	
64 1,1,2-Trichloroethane	0.89323	0.92452	0.92452	0.010	-3.50357	25.00000	Averaged	
65 Tetrachloroethene	0.91654	0.94999	0.94999	0.010	-3.64950	25.00000	Averaged	
66 2-Hexanone	0.96059	0.91232	0.91232	0.010	5.02479	25.00000	Averaged	
67 Dibromochloromethane	0.80991	0.89333	0.89333	0.010	-10.29986	25.00000	Averaged	

TestAmerica Pittsburgh

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: hp3.i Injection Date: 06-NOV-2008 00:36
Lab File ID: 31105M05.D Init. Cal. Date(s): 01-OCT-2008 05-NOV-2008
Analysis Type: SOIL Init. Cal. Times: 11:08 22:31
Lab Sample ID: ver40 Quant Type: ISTD
Method: \\pitsvr06\d\chem\hp3.i\3110508M.b\8260bsoil.m

COMPOUND	RRF / AMOUNT	RF40	CCAL RRF40	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE
68 1,2-Dibromoethane	0.80512	0.87599	0.87599	0.010	-8.80171	25.00000	Averaged
70 Chlorobenzene	2.85047	3.01354	3.01354	0.300	-5.72079	25.00000	Averaged
71 1,1,1,2-Tetrachloroethane	0.99674	1.06987	1.06987	0.010	-7.33705	25.00000	Averaged
72 Ethylbenzene	1.79260	1.88289	1.88289	0.010	-5.03637	20.00000	Averaged
73 m + p-Xylene	2.18312	2.31269	2.31269	0.010	-5.93513	25.00000	Averaged
74 Xylene-o	2.22940	2.36053	2.36053	0.010	-5.88187	25.00000	Averaged
76 Styrene	3.34519	3.68214	3.68214	0.010	-10.07256	25.00000	Averaged
77 Bromoform	0.49802	0.57677	0.57677	0.100	-15.81343	25.00000	Averaged
78 Isopropylbenzene	5.67904	6.00206	6.00206	0.010	-5.68792	25.00000	Averaged
79 Bromobenzene	0.71918	0.78548	0.78548	0.010	-9.21941	25.00000	Averaged
81 n-Propylbenzene	1.01748	1.04080	1.04080	0.010	-2.29184	25.00000	Averaged
82 2-Chlorotoluene	0.82078	0.89034	0.89034	0.010	-8.47542	25.00000	Averaged
83 1,1,2,2-Tetrachloroethane	1.18442	1.26475	1.26475	0.300	-6.78200	25.00000	Averaged
84 1,2,3-Trichloropropane	0.24763	0.23690	0.23690	0.010	4.33345	25.00000	Averaged
85 4-Chlorotoluene	0.79297	0.88111	0.88111	0.010	-11.11413	25.00000	Averaged
86 1,3,5-Trimethylbenzene	3.08832	3.29127	3.29127	0.010	-6.57127	25.00000	Averaged
87 tert-Butylbenzene	2.67455	2.79807	2.79807	0.010	-4.61848	25.00000	Averaged
88 1,2,4-Trimethylbenzene	3.06465	3.30603	3.30603	0.010	-7.87645	25.00000	Averaged
89 sec-Butylbenzene	4.05360	4.33337	4.33337	0.010	-6.90164	25.00000	Averaged
90 4-Isopropyltoluene	3.31119	3.42145	3.42145	0.010	-3.32972	25.00000	Averaged
91 1,3-Dichlorobenzene	1.49623	1.60309	1.60309	0.010	-7.14166	25.00000	Averaged
93 1,4-Dichlorobenzene	1.52736	1.63577	1.63577	0.010	-7.09809	25.00000	Averaged
94 n-Butylbenzene	3.08069	3.22879	3.22879	0.010	-4.80751	25.00000	Averaged
95 1,2-Dichlorobenzene	1.43294	1.55753	1.55753	0.010	-8.69486	25.00000	Averaged
96 1,2-Dibromo-3-chloropropane	0.13002	0.14895	0.14895	0.010	-14.55707	25.00000	Averaged
97 1,2,4-Trichlorobenzene	1.07247	1.15354	1.15354	0.010	-7.55924	25.00000	Averaged
98 Hexachlorobutadiene	0.59340	0.63147	0.63147	0.010	-6.41618	25.00000	Averaged
99 Naphthalene	2.36247	2.60187	2.60187	0.010	-10.13312	25.00000	Averaged
100 1,2,3-Trichlorobenzene	0.92338	0.99315	0.99315	0.010	-7.55591	25.00000	Averaged
156 Methyl Acetate	0.22313	0.22341	0.22341	0.010	-0.12555	25.00000	Averaged
157 Cyclohexane	0.60833	0.58847	0.58847	0.010	3.26485	25.00000	Averaged
158 Methyl Cyclohexane	0.55681	0.52796	0.52796	0.010	5.18257	25.00000	Averaged
165 1,3,5-Trichlorobenzene	1.19392	1.24578	1.24578	0.010	-4.34323	50.00000	Averaged
M 75 Xylenes (total)	2.19855	2.32864	2.32864	0.010	-5.91712	25.00000	Averaged

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CONTINUING CALIBRATION COMPOUNDS

Instrument ID: hp3.i
Lab File ID: CC31107.D
Analysis Type: SOIL
Lab Sample ID: vstd40
Method: \\pitsvr06\d\chem\hp3.i\3110708d.b\8260bsoil.m

Injection Date: 07-NOV-2008 06:03
Init. Cal. Date(s): 01-OCT-2008 05-NOV-2008
Init. Cal. Times: 11:08 22:31
Quant Type: ISTD

COMPOUND	RRF / AMOUNT	RF40	CCAL RRF40	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE	
$ 39 Dibromofluoromethane	0.19583	0.20626	0.20626	0.010	-5.32784	25.00000	Averaged	
$ 43 1,2-Dichloroethane-d4	0.25781	0.24412	0.24412	0.010	5.30723	25.00000	Averaged	
$ 59 Toluene-d8	3.91020	4.53122	4.53122	0.010	-15.88197	25.00000	Averaged	
$ 80 Bromofluorobenzene	1.50072	1.55186	1.55186	0.010	-3.40786	25.00000	Averaged	
1 Dichlorodifluoromethane	0.26160	0.25979	0.25979	0.010	0.69029	25.00000	Averaged	
2 Chloromethane	0.39492	0.39371	0.39371	0.100	0.30619	25.00000	Averaged	
3 Vinyl Chloride	0.34307	0.38421	0.38421	0.010	-11.98998	20.00000	Averaged	
4 Bromomethane	0.09765	0.11192	0.11192	0.010	-14.60959	25.00000	Averaged	
5 Chloroethane	0.10902	0.12640	0.12640	0.010	-15.94508	25.00000	Averaged	
166 Trichlorofluoromethane	0.23287	0.30321	0.30321	0.010	-30.20913	25.00000	Averaged	<-
10 1,1,2-trichloro-1,2,2-trifl	0.23290	0.26416	0.26416	0.010	-13.42439	25.00000	Averaged	
12 1,1-Dichloroethene	0.24518	0.26219	0.26219	0.010	-6.93822	20.00000	Averaged	
15 Carbon Disulfide	0.74821	0.82470	0.82470	0.010	-10.22268	25.00000	Averaged	
13 Acetone	200	232	0.14521	0.010	-15.81545	0.000e+000	Quadratic	
18 Methylene Chloride	200	196	0.27957	0.010	2.11704	0.000e+000	Quadratic	
19 trans-1,2-Dichloroethene	0.27019	0.29440	0.29440	0.010	-8.96138	25.00000	Averaged	
20 Methyl tert-butyl ether	0.72642	0.71792	0.71792	0.010	1.17037	25.00000	Averaged	
24 1,1-Dichloroethane	0.49143	0.51655	0.51655	0.100	-5.11253	25.00000	Averaged	
27 2,2-Dichloropropane	0.30150	0.36085	0.36085	0.010	-19.68363	25.00000	Averaged	
28 cis-1,2-dichloroethene	0.28005	0.28856	0.28856	0.010	-3.03647	25.00000	Averaged	
M 29 1,2-Dichloroethene (total)	0.27512	0.29148	0.29148	0.010	-5.94580	25.00000	Averaged	
30 Bromochloromethane	0.11575	0.11411	0.11411	0.010	1.40889	25.00000	Averaged	
31 2-Butanone	0.16136	0.17434	0.17434	0.010	-8.04560	25.00000	Averaged	
37 Chloroform	0.41562	0.44053	0.44053	0.010	-5.99476	20.00000	Averaged	
38 1,1,1-Trichloroethane	0.34822	0.40322	0.40322	0.010	-15.79500	25.00000	Averaged	
40 1,1-Dichloropropene	0.35797	0.39185	0.39185	0.010	-9.46368	25.00000	Averaged	
41 Carbon Tetrachloride	0.29225	0.32951	0.32951	0.010	-12.74915	25.00000	Averaged	
42 Benzene	1.07119	1.13720	1.13720	0.010	-6.16269	25.00000	Averaged	
45 1,2-Dichloroethane	0.31732	0.30499	0.30499	0.010	3.88784	25.00000	Averaged	
47 Trichloroethene	0.24911	0.28106	0.28106	0.010	-12.82608	25.00000	Averaged	
49 1,2-Dichloropropane	0.25793	0.26084	0.26084	0.010	-1.12856	20.00000	Averaged	
50 Dibromomethane	0.11920	0.11007	0.11007	0.010	7.65492	25.00000	Averaged	
53 Bromodichloromethane	0.28985	0.29491	0.29491	0.010	-1.74709	25.00000	Averaged	
57 cis-1,3-Dichloropropene	0.36563	0.36922	0.36922	0.010	-0.98169	25.00000	Averaged	
58 4-Methyl-2-Pentanone	1.26657	1.35757	1.35757	0.010	-7.18485	25.00000	Averaged	
60 Toluene	4.67346	5.42357	5.42357	0.010	-16.05048	20.00000	Averaged	
61 trans-1,3-Dichloropropene	1.47062	1.57106	1.57106	0.010	-6.82972	25.00000	Averaged	
63 1,3-Dichloropropane	1.55460	1.60021	1.60021	0.010	-2.93355	25.00000	Averaged	
64 1,1,2-Trichloroethane	0.89323	0.84483	0.84483	0.010	5.41834	25.00000	Averaged	
65 Tetrachloroethene	0.91654	1.06842	1.06842	0.010	-16.57048	25.00000	Averaged	
66 2-Hexanone	0.96059	1.14299	1.14299	0.010	-18.98833	25.00000	Averaged	
67 Dibromochloromethane	0.80991	0.85129	0.85129	0.010	-5.10881	25.00000	Averaged	
68 1,2-Dibromoethane	0.80512	0.83318	0.83318	0.010	-3.48490	25.00000	Averaged	

TestAmerica Pittsburgh

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: hp3.i
Lab File ID: CC31107.D
Analysis Type: SOIL
Lab Sample ID: vstd40
Method: \\pitsvr06\d\chem\hp3.i\3110708d.b\8260bsoil.m

Injection Date: 07-NOV-2008 06:03
Init. Cal. Date(s): 01-OCT-2008 05-NOV-2008
Init. Cal. Times: 11:08 22:31
Quant Type: ISTD

COMPOUND	RRF / AMOUNT	RF40	CCAL RRF40	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE	
70 Chlorobenzene	2.85047	3.18675	3.18675	0.300	-11.79709	25.00000	Averaged	
71 1,1,1,2-Tetrachloroethane	0.99674	1.13441	1.13441	0.010	-13.81250	25.00000	Averaged	
72 Ethylbenzene	1.79260	2.07184	2.07184	0.010	-15.57679	20.00000	Averaged	
73 m + p-Xylene	2.18312	2.52146	2.52146	0.010	-15.49822	25.00000	Averaged	
74 Xylene-o	2.22940	2.53405	2.53405	0.010	-13.66480	25.00000	Averaged	
76 Styrene	3.34519	3.86860	3.86860	0.010	-15.64637	25.00000	Averaged	
77 Bromoform	0.49802	0.52742	0.52742	0.100	-5.90360	25.00000	Averaged	
78 Isopropylbenzene	5.67904	6.85010	6.85010	0.010	-20.62062	25.00000	Averaged	
79 Bromobenzene	0.71918	0.80900	0.80900	0.010	-12.48892	25.00000	Averaged	
81 n-Propylbenzene	1.01748	1.20604	1.20604	0.010	-18.53205	25.00000	Averaged	
82 2-Chlorotoluene	0.82078	0.95123	0.95123	0.010	-15.89467	25.00000	Averaged	
83 1,1,2,2-Tetrachloroethane	1.18442	1.17241	1.17241	0.300	1.01416	25.00000	Averaged	
84 1,2,3-Trichloropropane	0.24763	0.24493	0.24493	0.010	1.09126	25.00000	Averaged	
85 4-Chlorotoluene	0.79297	0.92761	0.92761	0.010	-16.97822	25.00000	Averaged	
86 1,3,5-Trimethylbenzene	3.08832	3.78158	3.78158	0.010	-22.44753	25.00000	Averaged	
87 tert-Butylbenzene	2.67455	3.32699	3.32699	0.010	-24.39462	25.00000	Averaged	
88 1,2,4-Trimethylbenzene	3.06465	3.67032	3.67032	0.010	-19.76314	25.00000	Averaged	
89 sec-Butylbenzene	4.05360	5.06554	5.06554	0.010	-24.96390	25.00000	Averaged	
90 4-Isopropyltoluene	3.31119	4.14546	4.14546	0.010	-25.19530	25.00000	Averaged	<-
91 1,3-Dichlorobenzene	1.49623	1.69887	1.69887	0.010	-13.54338	25.00000	Averaged	
93 1,4-Dichlorobenzene	1.52736	1.68896	1.68896	0.010	-10.58024	25.00000	Averaged	
94 n-Butylbenzene	3.08069	3.76241	3.76241	0.010	-22.12877	25.00000	Averaged	
95 1,2-Dichlorobenzene	1.43294	1.57407	1.57407	0.010	-9.84915	25.00000	Averaged	
96 1,2-Dibromo-3-chloropropane	0.13002	0.13860	0.13860	0.010	-6.59509	25.00000	Averaged	
97 1,2,4-Trichlorobenzene	1.07247	1.16397	1.16397	0.010	-8.53119	25.00000	Averaged	
98 Hexachlorobutadiene	0.59340	0.71258	0.71258	0.010	-20.08415	25.00000	Averaged	
100 1,2,3-Trichlorobenzene	0.92338	0.96979	0.96979	0.010	-5.02589	25.00000	Averaged	
156 Methyl Acetate	0.22313	0.19178	0.19178	0.010	14.05181	25.00000	Averaged	
157 Cyclohexane	0.60833	0.67443	0.67443	0.010	-10.86563	25.00000	Averaged	
158 Methyl Cyclohexane	0.55681	0.61768	0.61768	0.010	-10.93173	25.00000	Averaged	
M 75 Xylenes (total)	2.19855	2.52566	2.52566	0.010	-14.87850	25.00000	Averaged	

TestAmerica Pittsburgh

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: hp4.i Injection Date: 11-NOV-2008 07:36
Lab File ID: 1C41111.D Init. Cal. Date(s): 29-OCT-2008 08-NOV-2008
Analysis Type: SOIL Init. Cal. Times: 21:25 10:07
Lab Sample ID: vstd40 Quant Type: ISTD
Method: \\PITSVR06\D\chem\hp4.i\4111108d.b\med500.m

COMPOUND	RRF / AMOUNT	RF40	CCAL RRF40	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE	
$ 39 Dibromofluoromethane	0.21548	0.23913	0.23913	0.010	-10.97734	25.00000	Averaged	
$ 43 1,2-Dichloroethane-d4	0.28698	0.32983	0.32983	0.010	-14.93225	25.00000	Averaged	
$ 59 Toluene-d8	3.87696	3.82553	3.82553	0.010	1.32637	25.00000	Averaged	
$ 80 Bromofluorobenzene	1.42303	1.51543	1.51543	0.010	-6.49352	25.00000	Averaged	
1 Dichlorodifluoromethane	0.35253	0.27640	0.27640	0.010	21.59511	25.00000	Averaged	
2 Chloromethane	0.40942	0.41758	0.41758	0.100	-1.99237	25.00000	Averaged	
3 Vinyl Chloride	0.34815	0.34811	0.34811	0.010	0.01219	20.00000	Averaged	
4 Bromomethane	0.10321	0.13100	0.13100	0.010	-26.93258	25.00000	Averaged	<-
5 Chloroethane	0.13001	0.15537	0.15537	0.010	-19.51181	25.00000	Averaged	
6 Trichlorofluoromethane	0.39804	0.37960	0.37960	0.010	4.63220	25.00000	Averaged	
10 1,1,2-trichloro-1,2,2-trifl	0.26504	0.24686	0.24686	0.010	6.85712	25.00000	Averaged	
12 1,1-Dichloroethene	0.26359	0.23018	0.23018	0.010	12.67700	20.00000	Averaged	
15 Carbon Disulfide	0.84386	0.76486	0.76486	0.010	9.36164	25.00000	Averaged	
13 Acetone	200	234	0.10063	0.010	-17.10564	0.000e+000	Quadratic	
18 Methylene Chloride	0.26753	0.26674	0.26674	0.010	0.29513	25.00000	Averaged	
19 trans-1,2-Dichloroethene	0.28068	0.26590	0.26590	0.010	5.26561	25.00000	Averaged	
20 Methyl tert-butyl ether	0.71838	0.75890	0.75890	0.010	-5.64108	25.00000	Averaged	
24 1,1-Dichloroethane	0.48888	0.53942	0.53942	0.100	-10.33692	25.00000	Averaged	
27 2,2-Dichloropropane	0.30872	0.31316	0.31316	0.010	-1.43680	25.00000	Averaged	
28 cis-1,2-dichloroethene	0.28480	0.28724	0.28724	0.010	-0.85621	25.00000	Averaged	
M 29 1,2-Dichloroethene (total)	0.28274	0.27657	0.27657	0.010	2.18240	25.00000	Averaged	
30 Bromochloromethane	0.13812	0.13164	0.13164	0.010	4.69263	25.00000	Averaged	
31 2-Butanone	0.13325	0.18493	0.18493	0.010	-38.78692	25.00000	Averaged	<-
37 Chloroform	0.43486	0.46067	0.46067	0.010	-5.93700	20.00000	Averaged	
38 1,1,1-Trichloroethane	0.39063	0.39642	0.39642	0.010	-1.48165	25.00000	Averaged	
40 1,1-Dichloropropene	0.36864	0.40356	0.40356	0.010	-9.47147	25.00000	Averaged	
41 Carbon Tetrachloride	0.30973	0.33122	0.33122	0.010	-6.93807	25.00000	Averaged	
42 Benzene	1.06429	1.15301	1.15301	0.010	-8.33645	25.00000	Averaged	
45 1,2-Dichloroethane	0.38834	0.40072	0.40072	0.010	-3.18794	25.00000	Averaged	
47 Trichloroethene	0.29294	0.29051	0.29051	0.010	0.83034	25.00000	Averaged	
49 1,2-Dichloropropane	0.25545	0.30102	0.30102	0.010	-17.83821	20.00000	Averaged	
50 Dibromomethane	0.13606	0.14706	0.14706	0.010	-8.08419	25.00000	Averaged	
53 Bromodichloromethane	0.30618	0.32813	0.32813	0.010	-7.16940	25.00000	Averaged	
57 cis-1,3-Dichloropropene	0.38489	0.44778	0.44778	0.010	-16.33774	25.00000	Averaged	
58 4-Methyl-2-Pentanone	1.13176	1.23205	1.23205	0.010	-8.86142	25.00000	Averaged	
60 Toluene	4.74647	4.53820	4.53820	0.010	4.38792	20.00000	Averaged	
61 trans-1,3-Dichloropropene	1.43130	1.56039	1.56039	0.010	-9.01891	25.00000	Averaged	
63 1,3-Dichloropropane	1.56769	1.63727	1.63727	0.010	-4.43786	25.00000	Averaged	
64 1,1,2-Trichloroethane	0.85836	0.85468	0.85468	0.010	0.42885	25.00000	Averaged	
65 Tetrachloroethene	1.01512	0.92317	0.92317	0.010	9.05775	25.00000	Averaged	
66 2-Hexanone	0.74141	0.88673	0.88673	0.010	-19.60009	25.00000	Averaged	
67 Dibromochloromethane	0.86170	0.81799	0.81799	0.010	5.07314	25.00000	Averaged	
68 1,2-Dibromoethane	0.89009	0.91304	0.91304	0.010	-2.57790	25.00000	Averaged	

TestAmerica Pittsburgh

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: hp4.i
Lab File ID: 1C41111.D
Analysis Type: SOIL
Lab Sample ID: vstd40
Method: \\PITSVR06\D\chem\hp4.i\4111108d.b\med500.m

Injection Date: 11-NOV-2008 07:36
Init. Cal. Date(s): 29-OCT-2008 08-NOV-2008
Init. Cal. Times: 21:25 10:07
Quant Type: ISTD

COMPOUND	RRF / AMOUNT	RF40	CCAL RRF40	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE
70 Chlorobenzene	3.04716	2.98498	2.98498	0.300	2.04048	25.00000	Averaged
71 1,1,1,2-Tetrachloroethane	0.96880	0.94549	0.94549	0.010	2.40619	25.00000	Averaged
72 Ethylbenzene	1.79778	1.60513	1.60513	0.010	10.71595	20.00000	Averaged
73 m + p-Xylene	2.20144	2.04924	2.04924	0.010	6.91345	25.00000	Averaged
74 Xylene-o	2.12055	1.94790	1.94790	0.010	8.14162	25.00000	Averaged
76 Styrene	3.48932	3.53696	3.53696	0.010	-1.36551	25.00000	Averaged
77 Bromoform	0.52063	0.54989	0.54989	0.100	-5.62097	25.00000	Averaged
78 Isopropylbenzene	5.59797	5.36116	5.36116	0.010	4.23023	25.00000	Averaged
83 1,1,2,2-Tetrachloroethane	0.62778	0.60306	0.60306	0.300	3.93904	25.00000	Averaged
84 1,2,3-Trichloropropane	0.22166	0.19395	0.19395	0.010	12.49846	25.00000	Averaged
86 1,3,5-Trimethylbenzene	2.87495	2.53015	2.53015	0.010	11.99354	25.00000	Averaged
88 1,2,4-Trimethylbenzene	2.88038	2.58959	2.58959	0.010	10.09537	25.00000	Averaged
91 1,3-Dichlorobenzene	1.59099	1.37894	1.37894	0.010	13.32820	25.00000	Averaged
93 1,4-Dichlorobenzene	1.66258	1.41910	1.41910	0.010	14.64480	25.00000	Averaged
95 1,2-Dichlorobenzene	1.46345	1.25675	1.25675	0.010	14.12464	25.00000	Averaged
96 1,2-Dibromo-3-chloropropane	200	192	0.09329	0.010	4.16630	0.000e+000	Quadratic
97 1,2,4-Trichlorobenzene	0.58269	0.70361	0.70361	0.010	-20.75211	25.00000	Averaged
99 Naphthalene	200	292	1.46080	0.010	-46.01860	0.000e+000	Quadratic
100 1,2,3-Trichlorobenzene	200	276	0.53183	0.010	-37.86564	0.000e+000	Quadratic
155 Methyl Acetate	0.24010	0.24871	0.24871	0.010	-3.58398	25.00000	Averaged
156 Cyclohexane	0.56429	0.60246	0.60246	0.010	-6.76281	25.00000	Averaged
157 Methyl Cyclohexane	0.52721	0.51157	0.51157	0.010	2.96724	25.00000	Averaged
M 75 Xylenes (total)	2.17448	2.01546	2.01546	0.010	7.31269	25.00000	Averaged

TestAmerica Pittsburgh

Semivolatile REPORT SW-846 Method 8270

Data file : \\PITSVR06\D\chem\731.i\V102308.b\V1023STV.D
Lab Smp Id: STDVER20 Client Smp ID: STDVER20
Inj Date : 23-OCT-2008 02:35
Operator : 003200 Inst ID: 731.i
Smp Info : STDVR20(10ug/mL) BNA0731-08 8270cll
Misc Info : STDVER20,V102308.b,827011.m,padep.sub
Comment :
Method : \\PITSVR06\D\chem\731.i\V102308.b\827011.m
Meth Date : 23-Oct-2008 02:43 piccolinov Quant Type: ISTD
Cal Date : 23-OCT-2008 02:14 Cal File: V1023IC7.D
Als bottle: 9
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: padep.sub
Target Version: 4.14
Processing Host: PITSVR06

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (NG)	FINAL (NG)
* 1	1,4-Dichlorobenzene-d4	152	4.401	4.403	(1.000)	92468	8.00000	
* 2	Naphthalene-d8	136	5.362	5.370	(1.000)	390594	8.00000	
* 3	Acenaphthene-d10	164	6.703	6.706	(1.000)	283893	8.00000	
* 4	Phenanthrene-d10	188	7.841	7.849	(1.000)	585441	8.00000	
* 5	Chrysene-d12	240	9.876	9.884	(1.000)	631102	8.00000	
* 6	Perylene-d12	264	11.169	11.182	(1.000)	709206	8.00000	
198	1,4-Dioxane	88	1.185	1.182	(0.269)	39117	19.6954	19.695
10	N-Nitrosodimethylamine	74	1.628	1.631	(0.370)	53815	21.5344	21.534
9	Pyridine	79	1.655	1.647	(0.376)	117465	22.9308	22.931
16	Methyl methanesulfonate	80	3.209	3.218	(0.729)	96699	21.0332	21.033
206	Benzaldehyde	77	4.059	4.067	(0.922)	180824	26.3038	26.304
21	Aniline	93	4.144	4.152	(0.942)	393928	23.6695	23.670
22	Phenol	94	4.144	4.152	(0.942)	316319	20.2747	20.275
23	bis(2-Chloroethyl)ether	93	4.214	4.216	(0.958)	210464	19.2209	19.221
24	2-Chlorophenol	128	4.235	4.243	(0.962)	300966	20.2105	20.210
26	1,3-Dichlorobenzene	146	4.353	4.361	(0.989)	352945	19.8109	19.811
27	1,4-Dichlorobenzene	146	4.411	4.420	(1.002)	364690	19.9458	19.946
28	1,2-Dichlorobenzene	146	4.524	4.532	(1.028)	347083	19.8549	19.855
29	Benzyl Alcohol	108	4.513	4.516	(1.025)	184860	23.9778	23.978
30	2-Methylphenol	108	4.598	4.607	(1.045)	235002	18.7895	18.789
31	2,2'-oxybis(1-Chloropropane)	45	4.620	4.628	(1.050)	229928	16.3443	16.344
37	Acetophenone	105	4.711	4.713	(1.070)	349217	19.6399	19.640
32	N-Nitroso-di-n-propylamine	70	4.716	4.724	(1.072)	146371	20.1707	20.171
192	4-Methylphenol	108	4.716	4.724	(1.072)	251774	19.9124	19.912
34	Hexachloroethane	117	4.780	4.788	(1.086)	158541	20.3051	20.305
35	Nitrobenzene	77	4.833	4.842	(0.901)	266479	20.6032	20.603
41	Isophorone	82	5.020	5.029	(0.936)	469711	20.0872	20.087
42	2-Nitrophenol	139	5.074	5.082	(0.946)	178352	21.0182	21.018
43	2,4-Dimethylphenol	107	5.117	5.119	(0.954)	287332	20.2755	20.276
44	bis(2-Chloroethoxy)methane	93	5.191	5.194	(0.968)	309304	20.2144	20.214
48	2,4-Dichlorophenol	162	5.256	5.264	(0.980)	293108	20.2110	20.211
49	Benzoic Acid	122	5.165	5.210	(0.963)	132125	18.2492	18.249
50	1,2,4-Trichlorobenzene	180	5.325	5.328	(0.993)	348259	20.8812	20.881

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (NG)	CONCENTRATIONS FINAL (NG)
51 Naphthalene	128	5.378	5.387	(1.003)	993557	19.7337	19.734
52 4-Chloroaniline	127	5.421	5.429	(1.011)	402457	20.7035	20.703
54 2,6-Dichlorophenol	162	5.426	5.435	(1.012)	331033	21.6049	21.605
56 Hexachlorobutadiene	225	5.480	5.483	(1.022)	194992	20.0113	20.011
208 Caprolactam	113	5.672	5.702	(1.058)	85794	21.7925	21.792
59 4-Chloro-3-Methylphenol	107	5.790	5.798	(1.080)	267178	20.6527	20.653
62 2-Methylnaphthalene	142	5.907	5.915	(1.102)	714750	19.9442	19.944
63 1-Methylnaphthalene	142	5.982	5.990	(1.116)	729131	20.2812	20.281
64 Hexachlorocyclopentadiene	237	6.025	6.033	(0.899)	225700	21.7014	21.701
66 2,4,6-Trichlorophenol	196	6.121	6.129	(0.913)	240355	20.4544	20.454
67 2,4,5-Trichlorophenol	196	6.148	6.156	(0.917)	265184	22.1351	22.135
209 1,1'-Biphenyl	154	6.265	6.273	(0.935)	947465	20.9206	20.921
70 2-Chloronaphthalene	162	6.276	6.284	(0.936)	741353	20.1892	20.189
73 2-Nitroaniline	65	6.351	6.359	(0.947)	173972	20.9710	20.971
76 Dimethylphthalate	163	6.495	6.503	(0.969)	780904	20.5497	20.550
78 2,6-Dinitrotoluene	165	6.543	6.551	(0.976)	191529	22.8762	22.876
79 Acenaphthylene	152	6.591	6.599	(0.983)	1201551	20.1009	20.101
81 3-Nitroaniline	138	6.666	6.674	(0.994)	222386	22.5063	22.506
82 Acenaphthene	153	6.725	6.733	(1.003)	744790	19.9537	19.954
83 2,4-Dinitrophenol	184	6.746	6.754	(1.006)	83117	19.8371	19.837
85 4-Nitrophenol	109	6.789	6.797	(1.013)	103239	20.9626	20.962
86 Dibenzofuran	168	6.858	6.866	(1.023)	1134121	20.4540	20.454
87 2,4-Dinitrotoluene	165	6.847	6.856	(1.022)	257831	21.4535	21.454
91 2,3,5,6-Tetrachlorophenol	232	6.917	6.925	(1.032)	231041	22.7318	22.732
88 2,3,4,6-Tetrachlorophenol	232	6.949	6.957	(1.037)	224489	20.6210	20.621
92 2-Naphthylamine	143	6.976	6.989	(1.041)	833748	40.9276	40.928
93 Diethylphthalate	149	7.034	7.048	(1.049)	845836	20.5931	20.593
94 Fluorene	166	7.120	7.128	(1.062)	889656	20.4513	20.451
95 4-Chlorophenyl-phenylether	204	7.125	7.128	(1.063)	407625	20.5936	20.594
96 4-Nitroaniline	138	7.131	7.144	(1.064)	230769	22.4534	22.453
98 4,6-Dinitro-2-methylphenol	198	7.157	7.166	(0.913)	142860	19.7167	19.717
99 N-Nitrosodiphenylamine (1)	169	7.211	7.219	(0.920)	667286	18.8737	18.874
100 1,2-Diphenylhydrazine	77	7.243	7.251	(0.924)	813350	19.5178	19.518
106 4-Bromophenyl-phenylether	248	7.499	7.507	(0.956)	266661	19.4993	19.499
107 Hexachlorobenzene	284	7.542	7.545	(0.962)	306674	19.7401	19.740
210 Atrazine	200	7.622	7.625	(0.972)	260395	33.4815	33.482
111 Pentachlorophenol	266	7.692	7.694	(0.981)	176176	19.7034	19.703
115 Phenanthrene	178	7.857	7.865	(1.002)	1373410	18.5449	18.545
116 Anthracene	178	7.900	7.908	(1.007)	1466191	19.5809	19.581
119 Carbazole	167	8.017	8.026	(1.022)	1490918	20.6040	20.604
120 Di-n-Butylphthalate	149	8.285	8.292	(1.057)	1832159	21.0973	21.097
123 Fluoranthene	202	8.771	8.779	(1.119)	1797099	20.3001	20.300
124 Benzidine	184	8.872	8.880	(0.898)	1149223	30.6360	30.636
125 Pyrene	202	8.947	8.955	(0.906)	1913717	19.7696	19.770
131 Butylbenzylphthalate	149	9.433	9.441	(0.955)	951475	20.9872	20.987
135 3,3'-Dichlorobenzidine	252	9.844	9.853	(0.997)	775195	20.5234	20.523
136 Benzo(a)Anthracene	228	9.866	9.874	(0.999)	1861940	20.4205	20.420
137 Chrysene	228	9.898	9.906	(1.002)	1864635	20.5498	20.550
139 bis(2-ethylhexyl)Phthalate	149	9.871	9.874	(0.999)	1284107	20.2841	20.284
140 Di-n-octylphthalate	149	10.379	10.387	(0.929)	2748012	20.4207	20.421
141 Benzo(b)fluoranthene	252	10.779	10.798	(0.965)	2434283	19.4193	19.419
142 Benzo(k)fluoranthene	252	10.806	10.820	(0.967)	2605642	20.8097	20.810
143 7,12-dimethylbenz[a]anthracen	256	10.763	10.782	(0.964)	1188887	21.4536	21.454
146 Benzo(a)pyrene	252	11.110	11.129	(0.995)	2277450	21.2938	21.294

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (NG)	CONCENTRATIONS FINAL (NG)
149 Indeno(1,2,3-cd)pyrene	276	12.483	12.513	(1.118)	2695602	20.6860	20.686
150 Dibenz(a,h)anthracene	278	12.505	12.534	(1.120)	2186124	19.9702	19.970
151 Benzo(g,h,i)perylene	276	12.879	12.914	(1.153)	2267209	19.9260	19.926
$ 154 Nitrobenzene-d5	82	Compound Not Detected.					
$ 155 2-Fluorobiphenyl	172	Compound Not Detected.					
$ 156 Terphenyl-d14	244	Compound Not Detected.					
$ 157 Phenol-d5	99	Compound Not Detected.					
$ 158 2-Fluorophenol	112	Compound Not Detected.					
$ 159 2,4,6-Tribromophenol	329	Compound Not Detected.					
$ 186 2-Chlorophenol-d4	132	Compound Not Detected.					
$ 187 1,2-Dichlorobenzene-d4	152	Compound Not Detected.					

TestAmerica Pittsburgh

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: 731.i Injection Date: 15-NOV-2008 08:24
Lab File ID: V11150CC.D Init. Cal. Date(s): 23-OCT-2008 23-OCT-2008
Analysis Type: Init. Cal. Times: 00:05 04:48
Lab Sample ID: SSTD4.0 Quant Type: ISTD
Method: \\PITSVR06\D\chem\731.i\V111508.b\8270ll.m

COMPOUND	RRF / AMOUNT	RF4	CCAL RRF4	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE	
198 1,4-Dioxane	4.00000	4.93263	0.20055	0.010	-23.31576	0.000e+000	Quadratic	
10 N-Nitrosodimethylamine	0.21621	0.22535	0.22535	0.010	-4.23114	25.00000	Averaged	
9 Pyridine	0.44319	0.41196	0.41196	0.010	7.04703	25.00000	Averaged	
16 Methyl methanesulfonate	0.39775	0.41624	0.41624	0.010	-4.64686	25.00000	Averaged	
206 Benzaldehyde	4.00000	3.47289	0.38530	0.010	13.17771	0.000e+000	Quadratic	
21 Aniline	1.43988	1.46842	1.46842	0.010	-1.98217	25.00000	Averaged	
22 Phenol	1.34980	1.27684	1.27684	0.010	5.40553	20.00000	Averaged	
23 bis(2-Chloroethyl)ether	0.94733	0.98122	0.98122	0.010	-3.57747	25.00000	Averaged	
24 2-Chlorophenol	1.28837	1.31367	1.31367	0.010	-1.96437	25.00000	Averaged	
26 1,3-Dichlorobenzene	1.54135	1.61497	1.61497	0.010	-4.77639	25.00000	Averaged	
27 1,4-Dichlorobenzene	1.58187	1.63788	1.63788	0.010	-3.54033	20.00000	Averaged	
28 1,2-Dichlorobenzene	1.51239	1.58476	1.58476	0.010	-4.78501	25.00000	Averaged	
29 Benzyl Alcohol	0.66701	0.43243	0.43243	0.010	35.16843	25.00000	Averaged	<-
30 2-Methylphenol	1.08207	1.16004	1.16004	0.010	-7.20593	25.00000	Averaged	
31 2,2'-oxybis(1-Chloropropane	1.21710	1.20030	1.20030	0.010	1.38027	25.00000	Averaged	
37 Acetophenone	1.53835	1.63021	1.63021	0.010	-5.97148	25.00000	Averaged	
32 N-Nitroso-di-n-propylamine	0.62782	0.70939	0.70939	0.050	-12.99234	50.00000	Averaged	
192 4-Methylphenol	1.09392	1.23712	1.23712	0.010	-13.08994	25.00000	Averaged	
34 Hexachloroethane	0.67552	0.70380	0.70380	0.010	-4.18759	25.00000	Averaged	
35 Nitrobenzene	0.26491	0.28471	0.28471	0.010	-7.47397	25.00000	Averaged	
41 Isophorone	0.47894	0.49020	0.49020	0.010	-2.35207	25.00000	Averaged	
42 2-Nitrophenol	0.17380	0.17965	0.17965	0.010	-3.36524	20.00000	Averaged	
43 2,4-Dimethylphenol	0.29025	0.28531	0.28531	0.010	1.70120	25.00000	Averaged	
44 bis(2-Chloroethoxy)methane	0.31339	0.33961	0.33961	0.010	-8.36578	25.00000	Averaged	
48 2,4-Dichlorophenol	0.29703	0.30219	0.30219	0.010	-1.73580	20.00000	Averaged	
49 Benzoic Acid	10.00000	12.25436	0.16411	0.010	-22.54362	0.000e+000	Quadratic	
50 1,2,4-Trichlorobenzene	0.34159	0.35364	0.35364	0.010	-3.52552	25.00000	Averaged	
51 Naphthalene	1.03121	1.05157	1.05157	0.010	-1.97419	25.00000	Averaged	
52 4-Chloroaniline	0.39814	0.41513	0.41513	0.010	-4.26700	25.00000	Averaged	
54 2,6-Dichlorophenol	0.31382	0.31974	0.31974	0.010	-1.88500	25.00000	Averaged	
56 Hexachlorobutadiene	0.19957	0.21299	0.21299	0.010	-6.71949	20.00000	Averaged	
208 Caprolactam	0.08063	0.06927	0.06927	0.010	14.08728	25.00000	Averaged	
59 4-Chloro-3-Methylphenol	0.26497	0.26038	0.26038	0.010	1.73184	20.00000	Averaged	
62 2-Methylnaphthalene	0.73401	0.72028	0.72028	0.010	1.87011	25.00000	Averaged	
63 1-Methylnaphthalene	0.73634	0.73206	0.73206	0.010	0.58119	25.00000	Averaged	
64 Hexachlorocyclopentadiene	0.29307	0.22331	0.22331	0.050	23.80606	50.00000	Averaged	
66 2,4,6-Trichlorophenol	0.33113	0.33436	0.33436	0.010	-0.97558	20.00000	Averaged	
67 2,4,5-Trichlorophenol	0.33760	0.33624	0.33624	0.010	0.40145	25.00000	Averaged	
209 1,1'-Biphenyl	1.27622	1.32562	1.32562	0.010	-3.87121	25.00000	Averaged	
70 2-Chloronaphthalene	1.03476	1.05462	1.05462	0.010	-1.91945	25.00000	Averaged	
73 2-Nitroaniline	0.23377	0.25029	0.25029	0.010	-7.06506	25.00000	Averaged	
76 Dimethylphthalate	1.07085	1.10643	1.10643	0.010	-3.32287	25.00000	Averaged	

TestAmerica Pittsburgh

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: 731.i
Lab File ID: V11150CC.D
Analysis Type:
Lab Sample ID: SSTD4.0
Method: \\PITSVR06\D\chem\731.i\V111508.b\827011.m

Injection Date: 15-NOV-2008 08:24
Init. Cal. Date(s): 23-OCT-2008 23-OCT-2008
Init. Cal. Times: 00:05 04:48
Quant Type: ISTD

COMPOUND	RRF / AMOUNT	RF4	CCAL RRF4	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE
78 2,6-Dinitrotoluene	0.23593	0.23840	0.23840	0.010	-1.04424	25.00000	Averaged
79 Acenaphthylene	1.68447	1.68038	1.68038	0.010	0.24238	25.00000	Averaged
81 3-Nitroaniline	0.27844	0.25869	0.25869	0.010	7.09483	25.00000	Averaged
82 Acenaphthene	1.05183	1.06131	1.06131	0.010	-0.90101	20.00000	Averaged
83 2,4-Dinitrophenol	10.00000	12.23370	0.12538	0.050	-22.33703	0.000e+000	Quadratic
85 4-Nitrophenol	0.13878	0.15055	0.15055	0.050	-8.48262	50.00000	Averaged
86 Dibenzofuran	1.56249	1.61243	1.61243	0.010	-3.19624	25.00000	Averaged
87 2,4-Dinitrotoluene	0.33867	0.34345	0.34345	0.010	-1.41300	25.00000	Averaged
91 2,3,5,6-Tetrachlorophenol	0.28641	0.26677	0.26677	0.010	6.85914	25.00000	Averaged
88 2,3,4,6-Tetrachlorophenol	0.30678	0.28760	0.28760	0.010	6.25041	25.00000	Averaged
92 2-Naphthylamine	0.57406	0.56685	0.56685	0.010	1.25490	25.00000	Averaged
93 Diethylphthalate	1.15744	1.20865	1.20865	0.010	-4.42394	25.00000	Averaged
94 Fluorene	1.22585	1.24320	1.24320	0.010	-1.41504	25.00000	Averaged
95 4-Chlorophenyl-phenylether	0.55778	0.58393	0.58393	0.010	-4.68889	25.00000	Averaged
96 4-Nitroaniline	0.28962	0.28318	0.28318	0.010	2.22398	25.00000	Averaged
98 4,6-Dinitro-2-methylphenol	10.00000	10.13840	0.09113	0.010	-1.38397	0.000e+000	Quadratic
99 N-Nitrosodiphenylamine (1)	0.48313	0.49645	0.49645	0.010	-2.75786	20.00000	Averaged
100 1,2-Diphenylhydrazine	0.56945	0.60718	0.60718	0.010	-6.62684	25.00000	Averaged
106 4-Bromophenyl-phenylether	0.18687	0.19282	0.19282	0.010	-3.18235	25.00000	Averaged
107 Hexachlorobenzene	0.21229	0.21557	0.21557	0.010	-1.54226	25.00000	Averaged
210 Atrazine	0.10628	0.10216	0.10216	0.010	3.87706	25.00000	Averaged
111 Pentachlorophenol	10.00000	10.72797	0.12083	0.010	-7.27966	0.000e+000	Quadratic
115 Phenanthrene	1.01200	1.00005	1.00005	0.010	1.18147	25.00000	Averaged
116 Anthracene	1.02321	1.00703	1.00703	0.010	1.58123	25.00000	Averaged
119 Carbazole	0.98880	0.99512	0.99512	0.010	-0.63948	25.00000	Averaged
120 Di-n-Butylphthalate	1.18671	1.16976	1.16976	0.010	1.42797	25.00000	Averaged
123 Fluoranthene	1.20971	1.15260	1.15268	0.010	4.71434	20.00000	Averaged
124 Benzidine	4.00000	3.32692	0.24289	0.010	16.82690	0.000e+000	Quadratic
125 Pyrene	1.22708	1.21328	1.21328	0.010	1.12457	25.00000	Averaged
131 Butylbenzylphthalate	0.57469	0.54850	0.54850	0.010	4.55639	25.00000	Averaged
135 3,3'-Dichlorobenzidine	0.47880	0.41601	0.41601	0.010	13.11396	25.00000	Averaged
136 Benzo(a)Anthracene	1.15582	1.13332	1.13332	0.010	1.94662	25.00000	Averaged
137 Chrysene	1.15021	1.13851	1.13851	0.010	1.01765	25.00000	Averaged
139 bis(2-ethylhexyl)Phthalate	0.80249	0.78485	0.78485	0.010	2.19720	25.00000	Averaged
140 Di-n-octylphthalate	1.51798	1.42304	1.42304	0.010	6.25411	20.00000	Averaged
141 Benzo(b)fluoranthene	1.41402	1.42498	1.42498	0.010	-0.77474	25.00000	Averaged
142 Benzo(k)fluoranthene	1.41243	1.43800	1.43800	0.010	-1.81062	25.00000	Averaged
143 7,12-dimethylbenz[a]anthrac	0.62511	0.54906	0.54906	0.010	12.16690	25.00000	Averaged
146 Benzo(a)pyrene	1.20646	1.19145	1.19145	0.010	1.24460	20.00000	Averaged
149 Indeno(1,2,3-cd)pyrene	1.46993	1.48893	1.48893	0.010	-1.29277	25.00000	Averaged
150 Dibenz(a,h)anthracene	1.23484	1.26796	1.26796	0.010	-2.68247	25.00000	Averaged
151 Benzo(g,h,i)perylene	1.28348	1.31387	1.31387	0.010	-2.36798	25.00000	Averaged

TestAmerica Pittsburgh

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: 731.i
Lab File ID: V11150CC.D
Analysis Type:
Lab Sample ID: SSTD4.0
Method: \\PITSVR06\D\chem\731.i\V111508.b\827011.m

Injection Date: 15-NOV-2008 08:24
Init. Cal. Date(s): 23-OCT-2008 23-OCT-2008
Init. Cal. Times: 00:05 04:48
Quant Type: ISTD

COMPOUND	RRF / AMOUNT	RF4	CCAL RRF4	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE
$ 154 Nitrobenzene-d5	0.27855	0.28661	0.28661	0.010	-2.89397	25.00000	Averaged
$ 155 2-Fluorobiphenyl	1.13839	1.19700	1.19700	0.010	-5.14856	25.00000	Averaged
$ 156 Terphenyl-d14	0.79168	0.77106	0.77106	0.010	2.60471	25.00000	Averaged
$ 157 Phenol-d5	1.26916	1.31547	1.31547	0.010	-3.64882	25.00000	Averaged
$ 158 2-Fluorophenol	0.88548	0.96543	0.96543	0.010	-9.02886	25.00000	Averaged
$ 159 2,4,6-Tribromophenol	0.09403	0.09441	0.09441	0.010	-0.39870	25.00000	Averaged
$ 186 2-Chlorophenol-d4	1.24345	1.31814	1.31814	0.010	-6.00649	25.00000	Averaged
$ 187 1,2-Dichlorobenzene-d4	0.97425	1.05731	1.05731	0.010	-8.52620	25.00000	Averaged

METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: C8K040347 **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: C8K110000-052 **Prep Batch #...:** 8316052						
Mercury	ND	0.033	mg/kg	SW846 7471A	11/11/08	K2MEN1AA
		Dilution Factor: 1				
		Analysis Time..: 13:03		Analyst ID.....: 401509	Instrument ID..: HGH	
MB Lot-Sample #: C8K120000-212 **Prep Batch #...:** 8317212						
Silver	ND	0.50	mg/kg	SW846 6010B	11/12-11/14/08	K2QC31AA
		Dilution Factor: 1				
		Analysis Time..: 08:39		Analyst ID.....: 022952	Instrument ID..: TRA	
Aluminum	ND	20.0	mg/kg	SW846 6010B	11/12-11/14/08	K2QC31AC
		Dilution Factor: 1				
		Analysis Time..: 08:39		Analyst ID.....: 022952	Instrument ID..: TRA	
Arsenic	ND	1.0	mg/kg	SW846 6010B	11/12-11/14/08	K2QC31AD
		Dilution Factor: 1				
		Analysis Time..: 08:39		Analyst ID.....: 022952	Instrument ID..: TRA	
Barium	ND	20.0	mg/kg	SW846 6010B	11/12-11/14/08	K2QC31AE
		Dilution Factor: 1				
		Analysis Time..: 08:39		Analyst ID.....: 022952	Instrument ID..: TRA	
Beryllium	ND	0.40	mg/kg	SW846 6010B	11/12-11/14/08	K2QC31AF
		Dilution Factor: 1				
		Analysis Time..: 08:39		Analyst ID.....: 022952	Instrument ID..: TRA	
Calcium	ND	500	mg/kg	SW846 6010B	11/12-11/14/08	K2QC31AG
		Dilution Factor: 1				
		Analysis Time..: 08:39		Analyst ID.....: 022952	Instrument ID..: TRA	
Cadmium	ND	0.50	mg/kg	SW846 6010B	11/12-11/14/08	K2QC31AH
		Dilution Factor: 1				
		Analysis Time..: 08:39		Analyst ID.....: 022952	Instrument ID..: TRA	
Cobalt	ND	5.0	mg/kg	SW846 6010B	11/12-11/14/08	K2QC31AJ
		Dilution Factor: 1				
		Analysis Time..: 08:39		Analyst ID.....: 022952	Instrument ID..: TRA	
Chromium	**0.066 B**	**0.50**	**mg/kg**	**SW846 6010B**	**11/12-11/14/08**	**K2QC31AK**
		Dilution Factor: 1				
		Analysis Time..: 08:39		Analyst ID.....: 022952	Instrument ID..: TRA	

(Continued on next page)

METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: C8K040347 **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Copper	ND	2.5	mg/kg	SW846 6010B	11/12-11/14/08	K2QC31AL
		Dilution Factor: 1				
		Analysis Time..: 08:39		Analyst ID.....: 022952	Instrument ID..: TRA	
Iron	ND	10.0	mg/kg	SW846 6010B	11/12-11/14/08	K2QC31AM
		Dilution Factor: 1				
		Analysis Time..: 08:39		Analyst ID.....: 022952	Instrument ID..: TRA	
Potassium	ND	500	mg/kg	SW846 6010B	11/12-11/14/08	K2QC31AN
		Dilution Factor: 1				
		Analysis Time..: 08:39		Analyst ID.....: 022952	Instrument ID..: TRA	
Magnesium	ND	500	mg/kg	SW846 6010B	11/12-11/14/08	K2QC31AP
		Dilution Factor: 1				
		Analysis Time..: 08:39		Analyst ID.....: 022952	Instrument ID..: TRA	
Manganese	ND	1.5	mg/kg	SW846 6010B	11/12-11/14/08	K2QC31AQ
		Dilution Factor: 1				
		Analysis Time..: 08:39		Analyst ID.....: 022952	Instrument ID..: TRA	
Sodium	ND	500	mg/kg	SW846 6010B	11/12-11/14/08	K2QC31AR
		Dilution Factor: 1				
		Analysis Time..: 08:39		Analyst ID.....: 022952	Instrument ID..: TRA	
Nickel	ND	4.0	mg/kg	SW846 6010B	11/12-11/14/08	K2QC31AT
		Dilution Factor: 1				
		Analysis Time..: 08:39		Analyst ID.....: 022952	Instrument ID..: TRA	
Lead	ND	0.30	mg/kg	SW846 6010B	11/12-11/14/08	K2QC31AU
		Dilution Factor: 1				
		Analysis Time..: 08:39		Analyst ID.....: 022952	Instrument ID..: TRA	
Selenium	ND	0.50	mg/kg	SW846 6010B	11/12-11/14/08	K2QC31AV
		Dilution Factor: 1				
		Analysis Time..: 08:39		Analyst ID.....: 022952	Instrument ID..: TRA	
Thallium	ND	1.0	mg/kg	SW846 6010B	11/12-11/14/08	K2QC31AW
		Dilution Factor: 1				
		Analysis Time..: 08:39		Analyst ID.....: 022952	Instrument ID..: TRA	
Antimony	ND	1.0	mg/kg	SW846 6010B	11/12-11/14/08	K2QC31AX
		Dilution Factor: 1				
		Analysis Time..: 08:39		Analyst ID.....: 022952	Instrument ID..: TRA	
Vanadium	ND	5.0	mg/kg	SW846 6010B	11/12-11/14/08	K2QC31A0
		Dilution Factor: 1				
		Analysis Time..: 08:39		Analyst ID.....: 022952	Instrument ID..: TRA	

(Continued on next page)

METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: C8K040347 **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Zinc	0.27 B	2.0	mg/kg	SW846 6010B	11/12-11/14/08	K2QC31A1

Dilution Factor: 1
Analysis Time..: 08:39 Analyst ID.....: 022952 Instrument ID..: TRA

NOTE(S):

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

B Estimated result. Result is less than RL.

TestAmerica Pittsburgh

Metals Data Reporting Form

Initial Calibration Blank Results

Instrument: ICPST **Units:** ug/L

Chart Number: T81114A.ARC

Standard Source: _____ **Standard ID:** _____

Element	WL/ Mass	Report Limit	ICB1 11/14/2008 8:06 AM Found	Q	Found	Q	Found	Q	Found	Q	Found	Q
Aluminum	308.215	200	24.0	U								
Antimony	220.353	10	2.1	U								
Arsenic	189.042	10	2.9	U								
Barium	493.409	200	0.8	U								
Beryllium	313.042	4	**0.4**	**B**								
Cadmium	226.502	5	0.2	U								
Calcium	317.933	6000	17.0	U								
Chromium	267.716	5	0.6	U								
Cobalt	228.616	50	0.8	U								
Copper	324.753	25	2.6	U								
Iron	271.441	100	12.9	U								
Lead	220.353	3	1.6	U								
Magnesium	279.078	5000	20.9	U								
Manganese	257.61	15	0.6	U								
Nickel	231.604	40	1.4	U								
Potassium	766.491	5000	750.0	U								
Selenium	220.353	5	1.7	U								
Silver	328.068	200	0.7	U								
Sodium	330.232	5000	**-570.0**	**B**								
Thallium	190.864	10	3.1	U								
Vanadium	292.402	50	2.4	U								
Zinc	213.856	20	1.8	U								

U Result is less than the MDL
B Result is between MDL and RL

Form 3 Equivalent

TestAmerica Pittsburgh

Metals Data Reporting Form

Continuing Calibration Blank Result

Instrument: ICPST **Units:** ug/L

Chart Number: T81114A.ARC

Standard Source: _____ **Standard ID:** _____

Element	WL/ Mass	Report Limit	CCB1 11/14/2008 8:33 AM Found	Q	CCB2 11/14/2008 9:39 AM Found	Q	Found	Q	Found	Q	Found	Q
Aluminum	308.215	200	24.0	U	24.0	U						
Antimony	220.353	10	2.1	U	2.1	U						
Arsenic	189.042	10	2.9	U	2.9	U						
Barium	493.409	200	0.8	U	0.8	U						
Beryllium	313.042	4	**0.3**	**B**	**0.4**	**B**						
Cadmium	226.502	5	0.2	U	0.2	U						
Calcium	317.933	6000	17.0	U	17.0	U						
Chromium	267.716	5	0.6	U	0.6	U						
Cobalt	228.616	50	0.8	U	0.8	U						
Copper	324.753	25	2.6	U	2.6	U						
Iron	271.441	100	12.9	U	12.9	U						
Lead	220.353	3	1.6	U	1.6	U						
Magnesium	279.078	5000	20.9	U	20.9	U						
Manganese	257.61	15	0.6	U	0.6	U						
Nickel	231.604	40	1.4	U	1.4	U						
Potassium	766.491	5000	750.0	U	750.0	U						
Selenium	220.353	5	1.7	U	1.7	U						
Silver	328.068	200	0.7	U	0.7	U						
Sodium	330.232	5000	**-600.0**	**B**	**-490.0**	**B**						
Thallium	190.864	10	3.1	U	3.1	U						
Vanadium	292.402	50	2.4	U	2.4	U						
Zinc	213.856	20	1.8	U	1.8	U						

U Result is less than the MDL
B Result is between MDL and RL

Form 3 Equivalent

ENSR, Schenectady RI

Cyanide, Total

Lab Name:	TESTAMERICA PITTSBURGH	**Method:**	SW846 9012A
Client Name:	ENSR International	**Lot Number:**	C8K110000
Matrix:	SOLID	**Date/Time Received:**	11/1/2008 10:30:00AM

Client Sample ID	QC Sample Type	Workorder	Recovery (%)	Control Limits (%)	Prep Date - Analysis Date/Time	QC Batch	RPD / Limit (%)
CHECK SAMPLE	LCS	K2MVA1AC	88	38 - 162	11/11/200 - 11/11/2008 13:24	8316143	
LAB MS/MSD	MS	K14F51CA	1120 N	75 - 125	11/11/200 - 11/11/2008 13:24	8316143	10 / 20
LAB MS/MSD	MS	K18W41AU	119	75 - 125	11/11/200 - 11/11/2008 13:39	8316143	24 / 20
LAB MS/MSD	MSD	K14F51CC	988 N	75 - 125	11/11/200 - 11/11/2008 13:24	8316143	10 / 20
LAB MS/MSD	MSD	K18W41AV	89 *	75 - 125	11/11/200 - 11/11/2008 13:39	8316143	24 / 20

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

ENSR, Schenectady RI

Cyanide, Total

Lab Name:	TESTAMERICA PITTSBURGH	**Method:**	SW846 9012A
Client Name:	ENSR International	**Report ID:**	C8K040347
Matrix:	SOLID	**Date/Time Received:**	11/1/2008 10:30:00AM

Client Sample ID	Sample Number	Workorder	Result	Units	Reporting Limit	Prep Date-Analysis Date/Time	QC Batch	RPD / Limit (%)
BLK - C8K110000143B	143 MB	K2MVA1AA	0.38 B	mg/kg	0.50	11/11/2008 - 11/11/2008 13:24	8316143	

B Estimated result. Result is less than RL

CASE NARRATIVE

ENSR
Schenectady RI

Lot # C8K070273

Sample Receiving:
TestAmerica's Pittsburgh laboratory received samples on November 7, 2008. The cooler was received within the proper temperature range.

If project specific QC was not required for samples contained in this report and batch QC was completed on these samples, anomalous results will be discussed below.

GC/MS Volatiles:
Due to the concentration of target compounds detected, several samples were analyzed as medium level, methanol dilutions. These samples also required subsequent dilution.

The method blank for batch 8316342 had methylene chloride detected between the MDL and the reporting limit. The result was flagged with a "J" qualifier. Any sample in this batch that had this compound detected had the result flagged with a "B" qualifier.

GC/MS Semivolatiles:
Due to the concentration of target compounds detected, samples SB44(38-40) and SB440(38-40) were analyzed at two dilutions. These samples had the surrogates diluted out. Both sets of data were reported for each sample.

Metals:
The serial dilution of sample SB44(52.5-55) was outside of the percent difference control limits for zinc. The result was flagged with an "E" qualifier.

The method blank had analytes detected at concentrations between the MDL and the reporting limit. The results were flagged with a "B" qualifier. Any sample associated with a method blank that had the same analyte detected had the result flagged with a "J" qualifier.

For the matrix spike and matrix spike duplicate of sample SB44(52.5-55), aluminum, calcium, and iron recoveries were not calculated due to the concentration of analyte in the sample being >4 times the concentration of spike added.

General Chemistry:
The method blank for batch 8316146 had total cyanide detected at a concentration between the MDL and the reporting limit. The result was flagged with a "B" qualifier. Any sample associated with a method blank that had the same analyte detected had the result flagged with a "J" qualifier.

C8K070273

Chain of Custody Record

SEVERN TRENT **STL**

Severn Trent Laboratories, Inc.

STL-4124 (0901)

Client: AECOM ITHACA	Project Manager: JAMES EDWARDS	Date: 11/6/08	Chain of Custody Number: 315532
Address: 1001 W. SENECA ST.	Telephone Number (Area Code)/Fax Number: 607-277-5716	Lab Number:	Page 1 of 1
City: ITHACA / State: NY / Zip Code: 14850	Site Contact: JESSE UCCI	Lab Contact:	Analysis (Attach list if more space is needed)
Project Name and Location (State): CLINTON ST. MGP, SCHENECTADY, NY	Carrier/Waybill Number:		
Contract/Purchase Order/Quote No.			

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Containers & Preservatives: Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	TCL VOC (8260B)	TCL SVOC (8270C)	TAL Metals (6010B/7470A)	Total CN (9012A)	Special Instructions/ Conditions of Receipt
SB47 (18-20.5)	11/4/08	1400				X	3						X	X	X	X	
SB47 (38-40)	11/4/08	1430				X	3						X	X	X	X	
SB44 (38-40)	11/5/08	1330				X	3						X	X	X	X	
SB44C (38-40)	11/5/08	1335				X	4						X	X	X	X	
SB44 (52.5-55)	11/5/08	1400				X	3						X	X	X	X	
SB44 (52.5-55) MS	11/5/08	1405				X	2						X	X	X	X	
SB44 (52.5-55) MSD	11/5/08	1405				X	2						X	X	X	X	

Possible Hazard Identification

☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal

☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months (A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required

☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☒ Other Routine

QC Requirements (Specify)

1. Relinquished By	Date 11/6/08	Time 1700 - FedEx	1. Received By	Date	Time
2. Relinquished By	Date	Time	2. Received By Patrick R Daust	Date 11/7/08	Time 0945
3. Relinquished By	Date	Time	3. Received By	Date	Time

Comments

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

6

(1 - 119)

Cooler Receipt Form
TestAmerica Pittsburgh

Client: AECOM / ENSR Project: _____ Quote: 72910

Cooler Rec'd & Opened for Temp. Check on: 11/7/08

Coolers Opened and Unpacked on: 11/7/08 By: PRF (Signature)

TestAmerica Pittsburgh Lot Number: C8K070273

		Yes	No	NA
1.	Were custody seals on the outside of the cooler?	✓		
	If YES, how many and where? Quantity __ Location PRF 11/7/08			
	Were signatures and date correct?			✓
2.	Were custody papers included inside the cooler?	✓		
3.	Were custody papers properly filled out (ink, signed, match labels)?	✓		
4.	Did you sign the custody papers in the appropriate place?	✓		
5.	Was shippers packing slip attached to this form?	✓		
6.	Were packing materials used?	✓		
	If YES, what type? Bubble Wrap			
7.	Were the samples received within the acceptable temperature range?	✓		
8.	Were the samples appropriately preserved?			✓
9.	Were all bottles sealed in separate plastic bags?		✓	
10.	Did all bottles arrive in good condition (unbroken)?	✓		
11.	Were all bottle labels complete (sample ID, preservatives, etc.)?	✓		
12.	Did all bottle labels and/or tags agree with custody papers?	✓		
13.	Were correct bottles used for tests indicated?	✓		
14.	Were all VOA vials checked for the presence of air bubbles?			✓
15.	Was a sufficient amount of sample sent in each bottle?	✓		

16. Samples received by: (FEDEX) UPS CLIENT DROP-OFF OTHER DHL US CARGO

Explain any discrepancies: _____

Level 2 Review _____

Was contacted on _____ by _____ to resolve discrepancies.

Cooler Receipt Form

TestAmerica Pittsburgh

P: Preserved
UP: Unpreserved

Sample ID	TMET PH<2	DMET PH<2	HG PH<2	NUT(1) PH<2	CN PH ≥12	OG TPHC PH<2	PHEN PH<2	SULF PH ≥12	TOC PH<2	TOX PH<2	VOA P/UP	hrdnss PH<2			

(1) "NUT" could include sample bottles for ammonia, chemical oxygen demand, nitrate/nitrite, TKN, or total phosphorus

Comments: _____

Cooler Number	Temperature*	Thermometer ID
1	3.4°	10

*Acceptable Temperature Range: 4°C ± 2°C

Sample	Lot Number**

**Please use an asterisk if bottle lot number was covered by the label

If samples required preservation in the laboratory, the following lot number(s) was/were used:

Nitric Acid _____ Hydrochloric Acid _____

Sulfuric Acid _____ Sodium Hydroxide _____

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: C8K070273
MB Lot-Sample #: C8K110000-342

Work Order #...: K2NNG1AA

Matrix.....: SOLID

Analysis Date..: 11/11/08
Dilution Factor: 1

Prep Date.....: 11/11/08
Prep Batch #...: 8316342
Initial Wgt/Vol: 5 g
Analyst ID.....: 034635

Analysis Time..: 09:04
Final Wgt/Vol..: 5 mL
Instrument ID..: HP4

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Acetone	ND	1000	ug/kg	SW846 8260B
Benzene	ND	250	ug/kg	SW846 8260B
Bromodichloromethane	ND	250	ug/kg	SW846 8260B
Bromoform	ND	250	ug/kg	SW846 8260B
Bromomethane	ND	250	ug/kg	SW846 8260B
2-Butanone	ND	250	ug/kg	SW846 8260B
Carbon disulfide	ND	250	ug/kg	SW846 8260B
Carbon tetrachloride	ND	250	ug/kg	SW846 8260B
Chlorobenzene	ND	250	ug/kg	SW846 8260B
Chloroethane	ND	250	ug/kg	SW846 8260B
Chloroform	ND	250	ug/kg	SW846 8260B
Chloromethane	ND	250	ug/kg	SW846 8260B
Cyclohexane	ND	250	ug/kg	SW846 8260B
Dibromochloromethane	ND	250	ug/kg	SW846 8260B
1,2-Dibromo-3-chloro-propane	ND	250	ug/kg	SW846 8260B
1,2-Dibromoethane	ND	250	ug/kg	SW846 8260B
1,3-Dichlorobenzene	ND	250	ug/kg	SW846 8260B
1,4-Dichlorobenzene	ND	250	ug/kg	SW846 8260B
1,2-Dichlorobenzene	ND	250	ug/kg	SW846 8260B
Dichlorodifluoromethane	ND	250	ug/kg	SW846 8260B
1,1-Dichloroethane	ND	250	ug/kg	SW846 8260B
1,2-Dichloroethane	ND	250	ug/kg	SW846 8260B
1,1-Dichloroethene	ND	250	ug/kg	SW846 8260B
cis-1,2-Dichloroethene	ND	250	ug/kg	SW846 8260B
trans-1,2-Dichloroethene	ND	250	ug/kg	SW846 8260B
1,2-Dichloropropane	ND	250	ug/kg	SW846 8260B
cis-1,3-Dichloropropene	ND	250	ug/kg	SW846 8260B
trans-1,3-Dichloropropene	ND	250	ug/kg	SW846 8260B
Ethylbenzene	ND	250	ug/kg	SW846 8260B
2-Hexanone	ND	250	ug/kg	SW846 8260B
Isopropylbenzene	ND	250	ug/kg	SW846 8260B
Methyl acetate	ND	250	ug/kg	SW846 8260B
Methylene chloride	**69 J**	**250**	**ug/kg**	**SW846 8260B**
Methylcyclohexane	ND	250	ug/kg	SW846 8260B
4-Methyl-2-pentanone	ND	250	ug/kg	SW846 8260B
Methyl tert-butyl ether	ND	250	ug/kg	SW846 8260B
Styrene	ND	250	ug/kg	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	250	ug/kg	SW846 8260B
1,2,4-Trichloro-benzene	ND	250	ug/kg	SW846 8260B

(Continued on next page)

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: C8K070273 **Work Order #...:** K2NNG1AA **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Tetrachloroethene	ND	250	ug/kg	SW846 8260B
1,1,1-Trichloroethane	ND	250	ug/kg	SW846 8260B
1,1,2-Trichloroethane	ND	250	ug/kg	SW846 8260B
Trichloroethene	ND	250	ug/kg	SW846 8260B
Trichlorofluoromethane	ND	250	ug/kg	SW846 8260B
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	250	ug/kg	SW846 8260B
Vinyl chloride	ND	250	ug/kg	SW846 8260B
Xylenes (total)	ND	750	ug/kg	SW846 8260B
Toluene	ND	250	ug/kg	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	87	(52 - 124)
Toluene-d8	103	(72 - 127)
4-Bromofluorobenzene	102	(63 - 120)
Dibromofluoromethane	94	(68 - 121)

NOTE(S):

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

J Estimated result. Result is less than RL.

TestAmerica Pittsburgh

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: hp4.i
Lab File ID: 1C41111.D
Analysis Type: SOIL
Lab Sample ID: vstd40
Method: \\PITSVR06\D\chem\hp4.i\4111108d.b\med500.m

Injection Date: 11-NOV-2008 07:36
Init. Cal. Date(s): 29-OCT-2008 08-NOV-2008
Init. Cal. Times: 21:25 10:07
Quant Type: ISTD

COMPOUND	RRF / AMOUNT	RF40	CCAL RRF40	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE	
$ 39 Dibromofluoromethane	0.21548	0.23913	0.23913	0.010	-10.97734	25.00000	Averaged	
$ 43 1,2-Dichloroethane-d4	0.28698	0.32983	0.32983	0.010	-14.93225	25.00000	Averaged	
$ 59 Toluene-d8	3.87696	3.82553	3.82553	0.010	2.32637	25.00000	Averaged	
$ 80 Bromofluorobenzene	1.42303	1.51543	1.51543	0.010	-6.49352	25.00000	Averaged	
1 Dichlorodifluoromethane	0.35253	0.27640	0.27640	0.010	21.59511	25.00000	Averaged	
2 Chloromethane	0.40942	0.41758	0.41758	0.100	-1.99237	25.00000	Averaged	
3 Vinyl Chloride	0.34815	0.34811	0.34811	0.010	0.01219	20.00000	Averaged	
4 Bromomethane	0.10321	0.13100	0.13100	0.010	-26.93258	25.00000	Averaged	<-
5 Chloroethane	0.13001	0.15537	0.15537	0.010	-19.51181	25.00000	Averaged	
6 Trichlorofluoromethane	0.39804	0.37960	0.37960	0.010	4.63220	25.00000	Averaged	
10 1,1,2-trichloro-1,2,2-trifl	0.26504	0.24686	0.24686	0.010	6.85712	25.00000	Averaged	
12 1,1-Dichloroethene	0.26359	0.23018	0.23018	0.010	12.67700	20.00000	Averaged	
15 Carbon Disulfide	0.84386	0.76486	0.76486	0.010	9.36164	25.00000	Averaged	
13 Acetone	200	234	0.10063	0.010	-17.10564	0.000e+000	Quadratic	
18 Methylene Chloride	0.26753	0.26674	0.26674	0.010	0.29513	25.00000	Averaged	
19 trans-1,2-Dichloroethene	0.28068	0.26590	0.26590	0.010	5.26561	25.00000	Averaged	
20 Methyl tert-butyl ether	0.71838	0.75890	0.75890	0.010	-5.64108	25.00000	Averaged	
24 1,1-Dichloroethane	0.48888	0.53942	0.53942	0.100	-10.33692	25.00000	Averaged	
27 2,2-Dichloropropane	0.30872	0.31316	0.31316	0.010	-1.43680	25.00000	Averaged	
28 cis-1,2-dichloroethene	0.28480	0.28724	0.28724	0.010	-0.85621	25.00000	Averaged	
M 29 1,2-Dichloroethene (total)	0.28274	0.27657	0.27657	0.010	2.18240	25.00000	Averaged	
30 Bromochloromethane	0.13812	0.13164	0.13164	0.010	4.69263	25.00000	Averaged	
31 2-Butanone	0.13325	0.18493	0.18493	0.010	-38.78692	25.00000	Averaged	<-
37 Chloroform	0.43486	0.46067	0.46067	0.010	-5.93700	20.00000	Averaged	
38 1,1,1-Trichloroethane	0.39063	0.39642	0.39642	0.010	-1.48165	25.00000	Averaged	
40 1,1-Dichloropropene	0.36864	0.40356	0.40356	0.010	-9.47147	25.00000	Averaged	
41 Carbon Tetrachloride	0.30973	0.33122	0.33122	0.010	-6.93807	25.00000	Averaged	
42 Benzene	1.06429	1.15301	1.15301	0.010	-8.33645	25.00000	Averaged	
45 1,2-Dichloroethane	0.38834	0.40072	0.40072	0.010	-3.18794	25.00000	Averaged	
47 Trichloroethene	0.29294	0.29051	0.29051	0.010	0.83034	25.00000	Averaged	
49 1,2-Dichloropropane	0.25545	0.30102	0.30102	0.010	-17.83821	20.00000	Averaged	
50 Dibromomethane	0.13606	0.14706	0.14706	0.010	-8.08419	25.00000	Averaged	
53 Bromodichloromethane	0.30618	0.32813	0.32813	0.010	-7.16940	25.00000	Averaged	
57 cis-1,3-Dichloropropene	0.38489	0.44778	0.44778	0.010	-16.33774	25.00000	Averaged	
58 4-Methyl-2-Pentanone	1.13176	1.23205	1.23205	0.010	-8.86142	25.00000	Averaged	
60 Toluene	4.74647	4.53820	4.53820	0.010	4.38792	20.00000	Averaged	
61 trans-1,3-Dichloropropene	1.43130	1.56039	1.56039	0.010	-9.01891	25.00000	Averaged	
63 1,3-Dichloropropane	1.56769	1.63727	1.63727	0.010	-4.43786	25.00000	Averaged	
64 1,1,2-Trichloroethane	0.85836	0.85468	0.85468	0.010	0.42885	25.00000	Averaged	
65 Tetrachloroethene	1.01512	0.92317	0.92317	0.010	9.05775	25.00000	Averaged	
66 2-Hexanone	0.74141	0.88673	0.88673	0.010	-19.60009	25.00000	Averaged	
67 Dibromochloromethane	0.86170	0.81799	0.81799	0.010	5.07314	25.00000	Averaged	
68 1,2-Dibromoethane	0.89009	0.91304	0.91304	0.010	-2.57790	25.00000	Averaged	

TestAmerica Pittsburgh

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: hp4.i
Lab File ID: 1C41111.D
Analysis Type: SOIL
Lab Sample ID: vstd40
Method: \\PITSVR06\D\chem\hp4.i\4111108d.b\med500.m

Injection Date: 11-NOV-2008 07:36
Init. Cal. Date(s): 29-OCT-2008 08-NOV-2008
Init. Cal. Times: 21:25 10:07
Quant Type: ISTD

COMPOUND	RRF / AMOUNT	RF40	CCAL RRF40	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE
70 Chlorobenzene	3.04716	2.98498	2.98498	0.300	2.04048	25.00000	Averaged
71 1,1,1,2-Tetrachloroethane	0.96880	0.94549	0.94549	0.010	2.40619	25.00000	Averaged
72 Ethylbenzene	1.79778	1.60513	1.60513	0.010	10.71595	20.00000	Averaged
73 m + p-Xylene	2.20144	2.04924	2.04924	0.010	6.91345	25.00000	Averaged
74 Xylene-o	2.12055	1.94790	1.94790	0.010	8.14162	25.00000	Averaged
76 Styrene	3.48932	3.53696	3.53696	0.010	-1.36551	25.00000	Averaged
77 Bromoform	0.52063	0.54989	0.54989	0.100	-5.62097	25.00000	Averaged
78 Isopropylbenzene	5.59797	5.36116	5.36116	0.010	4.23023	25.00000	Averaged
83 1,1,2,2-Tetrachloroethane	0.62778	0.60306	0.60306	0.300	3.93904	25.00000	Averaged
84 1,2,3-Trichloropropane	0.22166	0.19395	0.19395	0.010	12.49846	25.00000	Averaged
86 1,3,5-Trimethylbenzene	2.87495	2.53015	2.53015	0.010	11.99354	25.00000	Averaged
88 1,2,4-Trimethylbenzene	2.88038	2.58959	2.58959	0.010	10.09537	25.00000	Averaged
91 1,3-Dichlorobenzene	1.59099	1.37894	1.37894	0.010	13.32820	25.00000	Averaged
93 1,4-Dichlorobenzene	1.66258	1.41910	1.41910	0.010	14.64480	25.00000	Averaged
95 1,2-Dichlorobenzene	1.46345	1.25675	1.25675	0.010	14.12464	25.00000	Averaged
96 1,2-Dibromo-3-chloropropane	200	192	0.09329	0.010	4.16630	0.000e+000	Quadratic
97 1,2,4-Trichlorobenzene	0.58269	0.70361	0.70361	0.010	-20.75211	25.00000	Averaged
99 Naphthalene	200	292	1.46080	0.010	-46.01860	0.000e+000	Quadratic
100 1,2,3-Trichlorobenzene	200	276	0.53183	0.010	-37.86564	0.000e+000	Quadratic
155 Methyl Acetate	0.24010	0.24871	0.24871	0.010	-3.58398	25.00000	Averaged
156 Cyclohexane	0.56429	0.60246	0.60246	0.010	-6.76281	25.00000	Averaged
157 Methyl Cyclohexane	0.52721	0.51157	0.51157	0.010	2.96724	25.00000	Averaged
M 75 Xylenes (total)	2.17448	2.01546	2.01546	0.010	7.31269	25.00000	Averaged

TestAmerica Pittsburgh

CONTINUING CALIBRATION COMPOUNDS

ICV

Instrument ID: hp3.i
Lab File ID: 31105M05.D
Analysis Type: SOIL
Lab Sample ID: ver40
Method: \\pitsvr06\d\chem\hp3.i\3110508M.b\8260bsoil.m

Injection Date: 06-NOV-2008 00:36
Init. Cal. Date(s): 01-OCT-2008 05-NOV-2008
Init. Cal. Times: 11:08 22:31
Quant Type: ISTD

COMPOUND	RRF / AMOUNT	RF40	CCAL RRF40	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE	
$ 39 Dibromofluoromethane	0.19583	0.19999	0.19999	0.010	-2.12846	25.00000	Averaged	
$ 43 1,2-Dichloroethane-d4	0.25781	0.26319	0.26319	0.010	-2.08881	25.00000	Averaged	
$ 59 Toluene-d8	3.91020	3.96630	3.96630	0.010	-1.43460	25.00000	Averaged	
$ 80 Bromofluorobenzene	1.50072	1.51732	1.51732	0.010	-1.10605	25.00000	Averaged	
1 Dichlorodifluoromethane	0.26160	0.17111	0.17111	0.010	34.58844	25.00000	Averaged	<-
2 Chloromethane	0.39492	0.34141	0.34141	0.100	13.55007	25.00000	Averaged	
3 Vinyl Chloride	0.34307	0.30424	0.30424	0.010	11.31946	20.00000	Averaged	
4 Bromomethane	0.09765	0.09645	0.09645	0.010	1.22822	25.00000	Averaged	
5 Chloroethane	0.10902	0.10858	0.10858	0.010	0.40167	25.00000	Averaged	
166 Trichlorofluoromethane	0.23287	0.21503	0.21503	0.010	7.65860	25.00000	Averaged	
10 1,1,2-trichloro-1,2,2-trifl	0.23290	0.21980	0.21980	0.010	5.62202	25.00000	Averaged	
12 1,1-Dichloroethene	0.24518	0.23948	0.23948	0.010	2.32728	20.00000	Averaged	
15 Carbon Disulfide	0.74821	0.75857	0.75857	0.010	-1.38410	25.00000	Averaged	
13 Acetone	200	147	0.09786	0.010	26.74487	0.000e+000	Quadratic	
17 Acetonitrile	0.01936	0.01863	0.01863	0.001	3.78232	25.00000	Averaged	
18 Methylene Chloride	200	205	0.29174	0.010	-2.51878	0.000e+000	Quadratic	
19 trans-1,2-Dichloroethene	0.27019	0.27316	0.27316	0.010	-1.10090	25.00000	Averaged	
20 Methyl tert-butyl ether	0.72642	0.80869	0.80869	0.010	-11.32486	25.00000	Averaged	
24 1,1-Dichloroethane	0.49143	0.49993	0.49993	0.100	-1.73088	25.00000	Averaged	
27 2,2-Dichloropropane	0.30150	0.30997	0.30997	0.010	-2.80918	25.00000	Averaged	
28 cis-1,2-dichloroethene	0.28005	0.30086	0.30086	0.010	-7.42955	25.00000	Averaged	
M 29 1,2-Dichloroethene (total)	0.27512	0.28701	0.28701	0.010	-4.32196	25.00000	Averaged	
30 Bromochloromethane	0.11575	0.11807	0.11807	0.010	-2.00833	25.00000	Averaged	
31 2-Butanone	0.16136	0.14269	0.14269	0.010	11.57186	25.00000	Averaged	
37 Chloroform	0.41562	0.43742	0.43742	0.010	-5.24507	20.00000	Averaged	
38 1,1,1-Trichloroethane	0.34822	0.36544	0.36544	0.010	-4.94347	25.00000	Averaged	
40 1,1-Dichloropropene	0.35797	0.37472	0.37472	0.010	-4.67879	25.00000	Averaged	
41 Carbon Tetrachloride	0.29225	0.29891	0.29891	0.010	-2.27706	25.00000	Averaged	
42 Benzene	1.07119	1.12951	1.12951	0.010	-5.44449	25.00000	Averaged	
45 1,2-Dichloroethane	0.31732	0.33762	0.33762	0.010	-6.39779	25.00000	Averaged	
47 Trichloroethene	0.24911	0.26275	0.26275	0.010	-5.47385	25.00000	Averaged	
49 1,2-Dichloropropane	0.25793	0.27685	0.27685	0.010	-7.33828	20.00000	Averaged	
50 Dibromomethane	0.11920	0.12941	0.12941	0.010	-8.56759	25.00000	Averaged	
53 Bromodichloromethane	0.28985	0.30921	0.30921	0.010	-6.67868	25.00000	Averaged	
57 cis-1,3-Dichloropropene	0.36563	0.41152	0.41152	0.010	-12.55127	25.00000	Averaged	
58 4-Methyl-2-Pentanone	1.26657	1.35501	1.35501	0.010	-6.98280	25.00000	Averaged	
60 Toluene	4.67346	4.92783	4.92783	0.010	-5.44287	20.00000	Averaged	
61 trans-1,3-Dichloropropene	1.47062	1.60342	1.60342	0.010	-9.03052	25.00000	Averaged	
63 1,3-Dichloropropane	1.55460	1.68495	1.68495	0.010	-8.38485	25.00000	Averaged	
64 1,1,2-Trichloroethane	0.89323	0.92452	0.92452	0.010	-3.50357	25.00000	Averaged	
65 Tetrachloroethene	0.91654	0.94999	0.94999	0.010	-3.64950	25.00000	Averaged	
66 2-Hexanone	0.96059	0.91232	0.91232	0.010	5.02479	25.00000	Averaged	
67 Dibromochloromethane	0.80991	0.89333	0.89333	0.010	-10.29986	25.00000	Averaged	

TestAmerica Pittsburgh

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: hp3.i
Lab File ID: 31105M05.D
Analysis Type: SOIL
Lab Sample ID: ver40
Method: \\pitsvr06\d\chem\hp3.i\3110508M.b\8260bsoil.m

Injection Date: 06-NOV-2008 00:36
Init. Cal. Date(s): 01-OCT-2008 05-NOV-2008
Init. Cal. Times: 11:08 22:31
Quant Type: ISTD

COMPOUND	RRF / AMOUNT	RF40	CCAL RRF40	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE
68 1,2-Dibromoethane	0.80512	0.87599	0.87599	0.010	-8.80171	25.00000	Averaged
70 Chlorobenzene	2.85047	3.01354	3.01354	0.300	-5.72079	25.00000	Averaged
71 1,1,1,2-Tetrachloroethane	0.99674	1.06987	1.06987	0.010	-7.33705	25.00000	Averaged
72 Ethylbenzene	1.79260	1.88289	1.88289	0.010	-5.03637	20.00000	Averaged
73 m + p-Xylene	2.18312	2.31269	2.31269	0.010	-5.93513	25.00000	Averaged
74 Xylene-o	2.22940	2.36053	2.36053	0.010	-5.88187	25.00000	Averaged
76 Styrene	3.34519	3.68214	3.68214	0.010	-10.07256	25.00000	Averaged
77 Bromoform	0.49802	0.57677	0.57677	0.100	-15.81343	25.00000	Averaged
78 Isopropylbenzene	5.67904	6.00206	6.00206	0.010	-5.68792	25.00000	Averaged
79 Bromobenzene	0.71918	0.78548	0.78548	0.010	-9.21941	25.00000	Averaged
81 n-Propylbenzene	1.01748	1.04080	1.04080	0.010	-2.29184	25.00000	Averaged
82 2-Chlorotoluene	0.82078	0.89034	0.89034	0.010	-8.47542	25.00000	Averaged
83 1,1,2,2-Tetrachloroethane	1.18442	1.26475	1.26475	0.300	-6.78200	25.00000	Averaged
84 1,2,3-Trichloropropane	0.24763	0.23690	0.23690	0.010	4.33345	25.00000	Averaged
85 4-Chlorotoluene	0.79297	0.88111	0.88111	0.010	-11.11413	25.00000	Averaged
86 1,3,5-Trimethylbenzene	3.08832	3.29127	3.29127	0.010	-6.57127	25.00000	Averaged
87 tert-Butylbenzene	2.67455	2.79807	2.79807	0.010	-4.61848	25.00000	Averaged
88 1,2,4-Trimethylbenzene	3.06465	3.30603	3.30603	0.010	-7.87645	25.00000	Averaged
89 sec-Butylbenzene	4.05360	4.33337	4.33337	0.010	-6.90164	25.00000	Averaged
90 4-Isopropyltoluene	3.31119	3.42145	3.42145	0.010	-3.32972	25.00000	Averaged
91 1,3-Dichlorobenzene	1.49623	1.60309	1.60309	0.010	-7.14166	25.00000	Averaged
93 1,4-Dichlorobenzene	1.52736	1.63577	1.63577	0.010	-7.09809	25.00000	Averaged
94 n-Butylbenzene	3.08069	3.22879	3.22879	0.010	-4.80751	25.00000	Averaged
95 1,2-Dichlorobenzene	1.43294	1.55753	1.55753	0.010	-8.69486	25.00000	Averaged
96 1,2-Dibromo-3-chloropropane	0.13002	0.14895	0.14895	0.010	-14.55707	25.00000	Averaged
97 1,2,4-Trichlorobenzene	1.07247	1.15354	1.15354	0.010	-7.55924	25.00000	Averaged
98 Hexachlorobutadiene	0.59340	0.63147	0.63147	0.010	-6.41618	25.00000	Averaged
99 Naphthalene	2.36247	2.60187	2.60187	0.010	-10.13312	25.00000	Averaged
100 1,2,3-Trichlorobenzene	0.92338	0.99315	0.99315	0.010	-7.55591	25.00000	Averaged
156 Methyl Acetate	0.22313	0.22341	0.22341	0.010	-0.12555	25.00000	Averaged
157 Cyclohexane	0.60833	0.58847	0.58847	0.010	3.26485	25.00000	Averaged
158 Methyl Cyclohexane	0.55681	0.52796	0.52796	0.010	5.18257	25.00000	Averaged
165 1,3,5-Trichlorobenzene	1.19392	1.24578	1.24578	0.010	-4.34323	50.00000	Averaged
M 75 Xylenes (total)	2.19855	2.32864	2.32864	0.010	-5.91712	25.00000	Averaged

TestAmerica Pittsburgh

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: hp3.i
Lab File ID: CC31110.D
Analysis Type: SOIL
Lab Sample ID: vstd40
Method: \\pitsvr06\d\chem\hp3.i\3111008d.b\8260bsoil.m

Injection Date: 10-NOV-2008 04:47
Init. Cal. Date(s): 01-OCT-2008 05-NOV-2008
Init. Cal. Times: 11:08 22:31
Quant Type: ISTD

COMPOUND	RRF / AMOUNT	RF40	CCAL RRF40	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE	
$ 39 Dibromofluoromethane	0.19583	0.19584	0.19584	0.010	-0.00549	25.00000	Averaged	
$ 43 1,2-Dichloroethane-d4	0.25781	0.24387	0.24387	0.010	5.40631	25.00000	Averaged	
$ 59 Toluene-d8	3.91020	4.45414	4.45414	0.010	-13.91062	25.00000	Averaged	
$ 80 Bromofluorobenzene	1.50072	1.47121	1.47121	0.010	1.96613	25.00000	Averaged	
1 Dichlorodifluoromethane	0.26160	0.31183	0.31183	0.010	-19.20403	25.00000	Averaged	
2 Chloromethane	0.39492	0.43958	0.43958	0.100	-11.30748	25.00000	Averaged	
3 Vinyl Chloride	0.34307	0.38742	0.38742	0.010	-12.92541	20.00000	Averaged	
4 Bromomethane	0.09765	0.10546	0.10546	0.010	-7.99723	25.00000	Averaged	
5 Chloroethane	0.10902	0.12669	0.12669	0.010	-16.20763	25.00000	Averaged	
166 Trichlorofluoromethane	0.23287	0.34163	0.34163	0.010	-46.70737	25.00000	Averaged	<-
10 1,1,2-trichloro-1,2,2-trifl	0.23290	0.24838	0.24838	0.010	-6.64971	25.00000	Averaged	
12 1,1-Dichloroethene	0.24518	0.26111	0.26111	0.010	-6.49520	20.00000	Averaged	
15 Carbon Disulfide	0.74821	0.83007	0.83007	0.010	-10.94114	25.00000	Averaged	
13 Acetone	200	229	0.14392	0.010	-14.63707	0.000e+000	Quadratic	
18 Methylene Chloride	200	180	0.25918	0.010	9.87456	0.000e+000	Quadratic	
19 trans-1,2-Dichloroethene	0.27019	0.27777	0.27777	0.010	-2.80539	25.00000	Averaged	
20 Methyl tert-butyl ether	0.72642	0.66731	0.66731	0.010	8.13722	25.00000	Averaged	
24 1,1-Dichloroethane	0.49143	0.50655	0.50655	0.100	-3.07682	25.00000	Averaged	
27 2,2-Dichloropropane	0.30150	0.36936	0.36936	0.010	-22.50764	25.00000	Averaged	
28 cis-1,2-dichloroethene	0.28005	0.26791	0.26791	0.010	4.33697	25.00000	Averaged	
M 29 1,2-Dichloroethene (total)	0.27512	0.27284	0.27284	0.010	0.82983	25.00000	Averaged	
30 Bromochloromethane	0.11575	0.10318	0.10318	0.010	10.85734	25.00000	Averaged	
31 2-Butanone	0.16136	0.16637	0.16637	0.010	-3.10807	25.00000	Averaged	
37 Chloroform	0.41562	0.41607	0.41607	0.010	-0.10944	20.00000	Averaged	
38 1,1,1-Trichloroethane	0.34822	0.39150	0.39150	0.010	-12.42846	25.00000	Averaged	
40 1,1-Dichloropropene	0.35797	0.37903	0.37903	0.010	-5.88383	25.00000	Averaged	
41 Carbon Tetrachloride	0.29225	0.32743	0.32743	0.010	-12.03479	25.00000	Averaged	
42 Benzene	1.07119	1.06425	1.06425	0.010	0.64780	25.00000	Averaged	
45 1,2-Dichloroethane	0.31732	0.29502	0.29502	0.010	7.02977	25.00000	Averaged	
47 Trichloroethene	0.24911	0.24753	0.24753	0.010	0.63295	25.00000	Averaged	
49 1,2-Dichloropropane	0.25793	0.24640	0.24640	0.010	4.47055	20.00000	Averaged	
50 Dibromomethane	0.11920	0.09601	0.09601	0.010	19.45675	25.00000	Averaged	
53 Bromodichloromethane	0.28985	0.27241	0.27241	0.010	6.01751	25.00000	Averaged	
57 cis-1,3-Dichloropropene	0.36563	0.33144	0.33144	0.010	9.35011	25.00000	Averaged	
58 4-Methyl-2-Pentanone	1.26657	1.22908	1.22908	0.010	2.95942	25.00000	Averaged	
60 Toluene	4.67346	5.06771	5.06771	0.010	-8.43591	20.00000	Averaged	
61 trans-1,3-Dichloropropene	1.47062	1.46445	1.46445	0.010	0.41950	25.00000	Averaged	
63 1,3-Dichloropropane	1.55460	1.46149	1.46149	0.010	5.98951	25.00000	Averaged	
64 1,1,2-Trichloroethane	0.89323	0.76944	0.76944	0.010	13.85866	25.00000	Averaged	
65 Tetrachloroethene	0.91654	0.99835	0.99835	0.010	-8.92552	25.00000	Averaged	
66 2-Hexanone	0.96059	1.05181	1.05181	0.010	-9.49629	25.00000	Averaged	
67 Dibromochloromethane	0.80991	0.79721	0.79721	0.010	1.56835	25.00000	Averaged	
68 1,2-Dibromoethane	0.80512	0.73539	0.73539	0.010	8.66090	25.00000	Averaged	

TestAmerica Pittsburgh

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: hp3.i
Lab File ID: CC31110.D
Analysis Type: SOIL
Lab Sample ID: vstd40
Method: \\pitsvr06\d\chem\hp3.i\3111008d.b\8260bsoil.m

Injection Date: 10-NOV-2008 04:47
Init. Cal. Date(s): 01-OCT-2008 05-NOV-2008
Init. Cal. Times: 11:08 22:31
Quant Type: ISTD

COMPOUND	RRF / AMOUNT	RF40	CCAL RRF40	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE
70 Chlorobenzene	2.85047	2.91869	2.91869	0.300	-2.39300	25.00000	Averaged
71 1,1,1,2-Tetrachloroethane	0.99674	1.05639	1.05639	0.010	-5.98499	25.00000	Averaged
72 Ethylbenzene	1.79260	1.93506	1.93506	0.010	-7.94687	20.00000	Averaged
73 m + p-Xylene	2.18312	2.34861	2.34861	0.010	-7.58052	25.00000	Averaged
74 Xylene-o	2.22940	2.32788	2.32788	0.010	-4.41695	25.00000	Averaged
76 Styrene	3.34519	3.39462	3.39462	0.010	-1.47746	25.00000	Averaged
77 Bromoform	0.49802	0.48101	0.48101	0.100	3.41548	25.00000	Averaged
78 Isopropylbenzene	5.67904	6.28079	6.28079	0.010	-10.59597	25.00000	Averaged
79 Bromobenzene	0.71918	0.71388	0.71388	0.010	0.73745	25.00000	Averaged
81 n-Propylbenzene	1.01748	1.10982	1.10982	0.010	-9.07559	25.00000	Averaged
82 2-Chlorotoluene	0.82078	0.88666	0.88666	0.010	-8.02714	25.00000	Averaged
83 1,1,2,2-Tetrachloroethane	1.18442	1.04773	1.04773	0.300	11.54116	25.00000	Averaged
84 1,2,3-Trichloropropane	0.24763	0.21717	0.21717	0.010	12.29975	25.00000	Averaged
85 4-Chlorotoluene	0.79297	0.84827	0.84827	0.010	-6.97354	25.00000	Averaged
86 1,3,5-Trimethylbenzene	3.08832	3.46162	3.46162	0.010	-12.08725	25.00000	Averaged
87 tert-Butylbenzene	2.67455	3.07251	3.07251	0.010	-14.87945	25.00000	Averaged
88 1,2,4-Trimethylbenzene	3.06465	3.32585	3.32585	0.010	-8.52316	25.00000	Averaged
89 sec-Butylbenzene	4.05360	4.58017	4.58017	0.010	-12.99004	25.00000	Averaged
90 4-Isopropyltoluene	3.31119	3.67924	3.67924	0.010	-11.11526	25.00000	Averaged
91 1,3-Dichlorobenzene	1.49623	1.46019	1.46019	0.010	2.40889	25.00000	Averaged
93 1,4-Dichlorobenzene	1.52736	1.43843	1.43843	0.010	5.82265	25.00000	Averaged
94 n-Butylbenzene	3.08069	3.24513	3.24513	0.010	-5.33790	25.00000	Averaged
95 1,2-Dichlorobenzene	1.43294	1.34318	1.34318	0.010	6.26383	25.00000	Averaged
96 1,2-Dibromo-3-chloropropane	0.13002	0.11185	0.11185	0.010	13.97458	25.00000	Averaged
97 1,2,4-Trichlorobenzene	1.07247	0.93036	0.93036	0.010	13.25066	25.00000	Averaged
98 Hexachlorobutadiene	0.59340	0.57649	0.57649	0.010	2.84872	25.00000	Averaged
100 1,2,3-Trichlorobenzene	0.92338	0.76670	0.76670	0.010	16.96882	25.00000	Averaged
156 Methyl Acetate	0.22313	0.18122	0.18122	0.010	18.78294	25.00000	Averaged
157 Cyclohexane	0.60833	0.66511	0.66511	0.010	-9.33432	25.00000	Averaged
158 Methyl Cyclohexane	0.55681	0.59495	0.59495	0.010	-6.84884	25.00000	Averaged
M 75 Xylenes (total)	2.19855	2.34170	2.34170	0.010	-6.51120	25.00000	Averaged

TestAmerica Pittsburgh

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: hp3.i
Lab File ID: CC31112K.D
Analysis Type: SOIL
Lab Sample ID: vstd40
Method: \\PITSVR06\D\chem\hp3.i\3111208k.b\med500.m

Injection Date: 12-NOV-2008 12:16
Init. Cal. Date(s): 11-NOV-2008 11-NOV-2008
Init. Cal. Times: 09:57 12:17
Quant Type: ISTD

COMPOUND	RRF / AMOUNT	RF40	CCAL RRF40	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE	
$ 39 Dibromofluoromethane	0.19755	0.22698	0.22698	0.010	-14.89501	25.00000	Averaged	
$ 43 1,2-Dichloroethane-d4	0.26862	0.30424	0.30424	0.010	-13.26041	25.00000	Averaged	
$ 59 Toluene-d8	3.92294	4.52758	4.52758	0.010	-15.41285	25.00000	Averaged	
$ 80 Bromofluorobenzene	1.53986	1.78280	1.78280	0.010	-15.77699	25.00000	Averaged	
1 Dichlorodifluoromethane	0.23186	0.20122	0.20122	0.010	13.21804	25.00000	Averaged	
2 Chloromethane	0.36080	0.35668	0.35668	0.100	1.14209	25.00000	Averaged	
3 Vinyl Chloride	0.32555	0.33436	0.33436	0.010	-2.70633	20.00000	Averaged	
4 Bromomethane	0.10198	0.10561	0.10561	0.010	-3.55728	25.00000	Averaged	
5 Chloroethane	0.12582	0.13377	0.13377	0.010	-6.32074	25.00000	Averaged	
6 Trichlorofluoromethane	0.28699	0.26868	0.26868	0.010	6.37855	25.00000	Averaged	
10 1,1,2-trichloro-1,2,2-trifl	0.21985	0.23222	0.23222	0.010	-5.62808	25.00000	Averaged	
12 1,1-Dichloroethene	0.22760	0.25692	0.25692	0.010	-12.88509	20.00000	Averaged	
15 Carbon Disulfide	0.71886	0.82909	0.82909	0.010	-15.33467	25.00000	Averaged	
13 Acetone	0.11265	0.07871	0.07871	0.010	30.12892	25.00000	Averaged	<-
18 Methylene Chloride	0.25439	0.27917	0.27917	0.010	-9.74173	25.00000	Averaged	
19 trans-1,2-Dichloroethene	0.25298	0.28155	0.28155	0.010	-11.29350	25.00000	Averaged	
20 Methyl tert-butyl ether	0.65126	0.74815	0.74815	0.010	-14.87761	25.00000	Averaged	
24 1,1-Dichloroethane	0.46047	0.51216	0.51216	0.100	-11.22463	25.00000	Averaged	
27 2,2-Dichloropropane	0.31375	0.35080	0.35080	0.010	-11.81039	25.00000	Averaged	
28 cis-1,2-dichloroethene	0.25861	0.29542	0.29542	0.010	-14.23236	25.00000	Averaged	
M 29 1,2-Dichloroethene (total)	0.25580	0.28849	0.28849	0.010	-12.77910	25.00000	Averaged	
30 Bromochloromethane	0.10955	0.12313	0.12313	0.010	-12.39864	25.00000	Averaged	
31 2-Butanone	0.12814	0.11270	0.11270	0.010	12.05280	25.00000	Averaged	
37 Chloroform	0.39703	0.44958	0.44958	0.010	-13.23620	20.00000	Averaged	
38 1,1,1-Trichloroethane	0.34306	0.39034	0.39034	0.010	-13.77980	25.00000	Averaged	
40 1,1-Dichloropropene	0.34614	0.39886	0.39886	0.010	-15.23297	25.00000	Averaged	
41 Carbon Tetrachloride	0.28276	0.32955	0.32955	0.010	-16.54722	25.00000	Averaged	
42 Benzene	1.00433	1.14616	1.14616	0.010	-14.12201	25.00000	Averaged	
45 1,2-Dichloroethane	0.31823	0.36055	0.36055	0.010	-13.30018	25.00000	Averaged	
47 Trichloroethene	0.24136	0.27291	0.27291	0.010	-13.07220	25.00000	Averaged	
49 1,2-Dichloropropane	0.24897	0.29053	0.29053	0.010	-16.69422	20.00000	Averaged	
50 Dibromomethane	0.11602	0.13468	0.13468	0.010	-16.08407	25.00000	Averaged	
53 Bromodichloromethane	0.28894	0.32963	0.32963	0.010	-14.07954	25.00000	Averaged	
57 cis-1,3-Dichloropropene	0.36894	0.44170	0.44170	0.010	-19.72266	25.00000	Averaged	
58 4-Methyl-2-Pentanone	0.96906	1.06876	1.06876	0.010	-10.28766	25.00000	Averaged	
60 Toluene	4.40685	5.02264	5.02264	0.010	-13.97341	20.00000	Averaged	
61 trans-1,3-Dichloropropene	1.47796	1.67505	1.67505	0.010	-13.33573	25.00000	Averaged	
63 1,3-Dichloropropane	1.48532	1.69695	1.69695	0.010	-14.24758	25.00000	Averaged	
64 1,1,2-Trichloroethane	0.78018	0.90716	0.90716	0.010	-16.27590	25.00000	Averaged	
65 Tetrachloroethene	0.87783	1.01786	1.01786	0.010	-15.95224	25.00000	Averaged	
66 2-Hexanone	0.73688	0.68319	0.68319	0.010	7.28695	25.00000	Averaged	
67 Dibromochloromethane	0.79158	0.91568	0.91568	0.010	-15.67843	25.00000	Averaged	
68 1,2-Dibromoethane	0.77918	0.88630	0.88630	0.010	-13.74799	25.00000	Averaged	

TestAmerica Pittsburgh

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: hp3.i
Lab File ID: CC31112K.D
Analysis Type: SOIL
Lab Sample ID: vstd40
Method: \\PITSVR06\D\chem\hp3.i\3111208k.b\med500.m

Injection Date: 12-NOV-2008 12:16
Init. Cal. Date(s): 11-NOV-2008 11-NOV-2008
Init. Cal. Times: 09:57 12:17
Quant Type: ISTD

COMPOUND	RRF / AMOUNT	RF40	CCAL RRF40	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE
70 Chlorobenzene	2.71119	3.15221	3.15221	0.300	-16.26670	25.00000	Averaged
71 1,1,1,2-Tetrachloroethane	0.95167	1.09973	1.09973	0.010	-15.55864	25.00000	Averaged
72 Ethylbenzene	1.68461	1.94180	1.94180	0.010	-15.26706	20.00000	Averaged
73 m + p-Xylene	2.02974	2.36321	2.36321	0.010	-16.42948	25.00000	Averaged
74 Xylene-o	2.06593	2.34584	2.34584	0.010	-13.54878	25.00000	Averaged
76 Styrene	3.19563	3.83790	3.83790	0.010	-20.09857	25.00000	Averaged
77 Bromoform	200	206	0.54593	0.100	-2.83723	0.000e+000	Quadratic
78 Isopropylbenzene	5.19285	6.11840	6.11840	0.010	-17.82364	25.00000	Averaged
79 Bromobenzene	0.68373	0.79256	0.79256	0.010	-15.91592	25.00000	Averaged
81 n-Propylbenzene	0.89806	1.05289	1.05289	0.010	-17.23990	25.00000	Averaged
82 2-Chlorotoluene	0.74046	0.87571	0.87571	0.010	-18.26511	25.00000	Averaged
83 1,1,2,2-Tetrachloroethane	0.61182	0.70371	0.70371	0.300	-15.01880	25.00000	Averaged
84 1,2,3-Trichloropropane	0.20156	0.20137	0.20137	0.010	0.09652	25.00000	Averaged
85 4-Chlorotoluene	0.74480	0.80929	0.80929	0.010	-8.65766	25.00000	Averaged
86 1,3,5-Trimethylbenzene	2.73797	3.19632	3.19632	0.010	-16.74071	25.00000	Averaged
87 tert-Butylbenzene	2.35331	2.79332	2.79332	0.010	-18.69722	25.00000	Averaged
88 1,2,4-Trimethylbenzene	2.74012	3.18815	3.18815	0.010	-16.35088	25.00000	Averaged
89 sec-Butylbenzene	3.54954	4.21959	4.21959	0.010	-18.87736	25.00000	Averaged
90 4-Isopropyltoluene	2.89776	3.38620	3.38620	0.010	-16.85575	25.00000	Averaged
91 1,3-Dichlorobenzene	1.39161	1.59406	1.59406	0.010	-14.54777	25.00000	Averaged
93 1,4-Dichlorobenzene	1.42293	1.63456	1.63456	0.010	-14.87276	25.00000	Averaged
94 n-Butylbenzene	2.69548	3.22555	3.22555	0.010	-19.66520	25.00000	Averaged
95 1,2-Dichlorobenzene	1.32711	1.53561	1.53561	0.010	-15.71100	25.00000	Averaged
96 1,2-Dibromo-3-chloropropane	0.10112	0.11277	0.11277	0.010	-11.52008	25.00000	Averaged
97 1,2,4-Trichlorobenzene	0.95808	1.11950	1.11950	0.010	-16.84823	25.00000	Averaged
98 Hexachlorobutadiene	0.52790	0.65229	0.65229	0.010	-23.56343	25.00000	Averaged
99 Naphthalene	1.81145	2.14557	2.14557	0.010	-18.44505	25.00000	Averaged
100 1,2,3-Trichlorobenzene	0.77008	0.88668	0.88668	0.010	-15.14133	25.00000	Averaged
155 Methyl Acetate	0.18215	0.19353	0.19353	0.010	-6.24899	25.00000	Averaged
156 Cyclohexane	0.56591	0.60998	0.60998	0.010	-7.78678	25.00000	Averaged
157 Methyl Cyclohexane	0.50839	0.55457	0.55457	0.010	-9.08267	25.00000	Averaged
161 1,3,5-Trichlorobenzene	1.12152	1.26301	1.26301	0.010	-12.61583	50.00000	Averaged
M 75 Xylenes (total)	2.04180	2.35742	2.35742	0.010	-15.45790	25.00000	Averaged

TestAmerica Pittsburgh

Semivolatile REPORT SW-846 Method 8270

Data file : \\PITSVR06\D\chem\731.i\V102308.b\V1023STV.D
Lab Smp Id: STDVER20 Client Smp ID: STDVER20
Inj Date : 23-OCT-2008 02:35
Operator : 003200 Inst ID: 731.i
Smp Info : STDVR20(10ug/mL) BNA0731-08 8270cll
Misc Info : STDVER20,V102308.b,827011.m,padep.sub
Comment :
Method : \\PITSVR06\D\chem\731.i\V102308.b\827011.m
Meth Date : 23-Oct-2008 02:43 piccolinov Quant Type: ISTD
Cal Date : 23-OCT-2008 02:14 Cal File: V1023IC7.D
Als bottle: 9
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: padep.sub
Target Version: 4.14
Processing Host: PITSVR06

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (NG)	FINAL (NG)
* 1 1,4-Dichlorobenzene-d4	152	4.401	4.403	(1.000)	92468	8.00000	
* 2 Naphthalene-d8	136	5.362	5.370	(1.000)	390594	8.00000	
* 3 Acenaphthene-d10	164	6.703	6.706	(1.000)	283893	8.00000	
* 4 Phenanthrene-d10	188	7.841	7.849	(1.000)	585441	8.00000	
* 5 Chrysene-d12	240	9.876	9.884	(1.000)	631102	8.00000	
* 6 Perylene-d12	264	11.169	11.182	(1.000)	709206	8.00000	
198 1,4-Dioxane	88	1.185	1.182	(0.269)	39117	19.6954	19.695
10 N-Nitrosodimethylamine	74	1.628	1.631	(0.370)	53815	21.5344	21.534
9 Pyridine	79	1.655	1.647	(0.376)	117465	22.9308	22.931
16 Methyl methanesulfonate	80	3.209	3.218	(0.729)	96699	21.0332	21.033
206 Benzaldehyde	77	4.059	4.067	(0.922)	180824	26.3038	26.304
21 Aniline	93	4.144	4.152	(0.942)	393928	23.6695	23.670
22 Phenol	94	4.144	4.152	(0.942)	316319	20.2747	20.275
23 bis(2-Chloroethyl)ether	93	4.214	4.216	(0.958)	210464	19.2209	19.221
24 2-Chlorophenol	128	4.235	4.243	(0.962)	300966	20.2105	20.210
26 1,3-Dichlorobenzene	146	4.353	4.361	(0.989)	352945	19.8109	19.811
27 1,4-Dichlorobenzene	146	4.411	4.420	(1.002)	364690	19.9458	19.946
28 1,2-Dichlorobenzene	146	4.524	4.532	(1.028)	347083	19.8549	19.855
29 Benzyl Alcohol	108	4.513	4.516	(1.025)	184860	23.9778	23.978
30 2-Methylphenol	108	4.598	4.607	(1.045)	235002	18.7895	18.789
31 2,2'-oxybis(1-Chloropropane)	45	4.620	4.628	(1.050)	229928	16.3443	16.344
37 Acetophenone	105	4.711	4.713	(1.070)	349217	19.6399	19.640
32 N-Nitroso-di-n-propylamine	70	4.716	4.724	(1.072)	146371	20.1707	20.171
192 4-Methylphenol	108	4.716	4.724	(1.072)	251774	19.9124	19.912
34 Hexachloroethane	117	4.780	4.788	(1.086)	158541	20.3051	20.305
35 Nitrobenzene	77	4.833	4.842	(0.901)	266479	20.6032	20.603
41 Isophorone	82	5.020	5.029	(0.936)	469711	20.0872	20.087
42 2-Nitrophenol	139	5.074	5.082	(0.946)	178352	21.0182	21.018
43 2,4-Dimethylphenol	107	5.117	5.119	(0.954)	287332	20.2755	20.276
44 bis(2-Chloroethoxy)methane	93	5.191	5.194	(0.968)	309304	20.2144	20.214
48 2,4-Dichlorophenol	162	5.256	5.264	(0.980)	293108	20.2110	20.211
49 Benzoic Acid	122	5.165	5.210	(0.963)	132125	18.2492	18.249
50 1,2,4-Trichlorobenzene	180	5.325	5.328	(0.993)	348259	20.8812	20.881

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (NG)	CONCENTRATIONS FINAL (NG)
51 Naphthalene	128	5.378	5.387	(1.003)	993557	19.7337	19.734
52 4-Chloroaniline	127	5.421	5.429	(1.011)	402457	20.7035	20.703
54 2,6-Dichlorophenol	162	5.426	5.435	(1.012)	331033	21.6049	21.605
56 Hexachlorobutadiene	225	5.480	5.483	(1.022)	194992	20.0113	20.011
208 Caprolactam	113	5.672	5.702	(1.058)	85794	21.7925	21.792
59 4-Chloro-3-Methylphenol	107	5.790	5.798	(1.080)	267178	20.6527	20.653
62 2-Methylnaphthalene	142	5.907	5.915	(1.102)	714750	19.9442	19.944
63 1-Methylnaphthalene	142	5.982	5.990	(1.116)	729131	20.2812	20.281
64 Hexachlorocyclopentadiene	237	6.025	6.033	(0.899)	225700	21.7014	21.701
66 2,4,6-Trichlorophenol	196	6.121	6.129	(0.913)	240355	20.4544	20.454
67 2,4,5-Trichlorophenol	196	6.148	6.156	(0.917)	265184	22.1351	22.135
209 1,1'-Biphenyl	154	6.265	6.273	(0.935)	947465	20.9206	20.921
70 2-Chloronaphthalene	162	6.276	6.284	(0.936)	741353	20.1892	20.189
73 2-Nitroaniline	65	6.351	6.359	(0.947)	173972	20.9710	20.971
76 Dimethylphthalate	163	6.495	6.503	(0.969)	780904	20.5497	20.550
78 2,6-Dinitrotoluene	165	6.543	6.551	(0.976)	191529	22.8762	22.876
79 Acenaphthylene	152	6.591	6.599	(0.983)	1201551	20.1009	20.101
81 3-Nitroaniline	138	6.666	6.674	(0.994)	222386	22.5063	22.506
82 Acenaphthene	153	6.725	6.733	(1.003)	744790	19.9537	19.954
83 2,4-Dinitrophenol	184	6.746	6.754	(1.006)	83117	19.8371	19.837
85 4-Nitrophenol	109	6.789	6.797	(1.013)	103239	20.9626	20.962
86 Dibenzofuran	168	6.858	6.866	(1.023)	1134121	20.4540	20.454
87 2,4-Dinitrotoluene	165	6.847	6.856	(1.022)	257831	21.4535	21.454
91 2,3,5,6-Tetrachlorophenol	232	6.917	6.925	(1.032)	231041	22.7318	22.732
88 2,3,4,6-Tetrachlorophenol	232	6.949	6.957	(1.037)	224489	20.6210	20.621
92 2-Naphthylamine	143	6.976	6.989	(1.041)	833748	40.9276	40.928
93 Diethylphthalate	149	7.034	7.048	(1.049)	845836	20.5931	20.593
94 Fluorene	166	7.120	7.128	(1.062)	889656	20.4513	20.451
95 4-Chlorophenyl-phenylether	204	7.125	7.128	(1.063)	407625	20.5936	20.594
96 4-Nitroaniline	138	7.131	7.144	(1.064)	230769	22.4534	22.453
98 4,6-Dinitro-2-methylphenol	198	7.157	7.166	(0.913)	142860	19.7167	19.717
99 N-Nitrosodiphenylamine (1)	169	7.211	7.219	(0.920)	667286	18.8737	18.874
100 1,2-Diphenylhydrazine	77	7.243	7.251	(0.924)	813350	19.5178	19.518
106 4-Bromophenyl-phenylether	248	7.499	7.507	(0.956)	266661	19.4993	19.499
107 Hexachlorobenzene	284	7.542	7.545	(0.962)	306674	19.7401	19.740
210 Atrazine	200	7.622	7.625	(0.972)	260395	33.4815	33.482
111 Pentachlorophenol	266	7.692	7.694	(0.981)	176176	19.7034	19.703
115 Phenanthrene	178	7.857	7.865	(1.002)	1373410	18.5449	18.545
116 Anthracene	178	7.900	7.908	(1.007)	1466191	19.5809	19.581
119 Carbazole	167	8.017	8.026	(1.022)	1490918	20.6040	20.604
120 Di-n-Butylphthalate	149	8.285	8.292	(1.057)	1832159	21.0973	21.097
123 Fluoranthene	202	8.771	8.779	(1.119)	1797099	20.3001	20.300
124 Benzidine	184	8.872	8.880	(0.898)	1149223	30.6360	30.636
125 Pyrene	202	8.947	8.955	(0.906)	1913717	19.7696	19.770
131 Butylbenzylphthalate	149	9.433	9.441	(0.955)	951475	20.9872	20.987
135 3,3'-Dichlorobenzidine	252	9.844	9.853	(0.997)	775195	20.5234	20.523
136 Benzo(a)Anthracene	228	9.866	9.874	(0.999)	1861940	20.4205	20.420
137 Chrysene	228	9.898	9.906	(1.002)	1864635	20.5498	20.550
139 bis(2-ethylhexyl)Phthalate	149	9.871	9.874	(0.999)	1284107	20.2841	20.284
140 Di-n-octylphthalate	149	10.379	10.387	(0.929)	2748012	20.4207	20.421
141 Benzo(b)fluoranthene	252	10.779	10.798	(0.965)	2434283	19.4193	19.419
142 Benzo(k)fluoranthene	252	10.806	10.820	(0.967)	2605642	20.8097	20.810
143 7,12-dimethylbenz[a]anthracen	256	10.763	10.782	(0.964)	1188887	21.4536	21.454
146 Benzo(a)pyrene	252	11.110	11.129	(0.995)	2277450	21.2938	21.294

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (NG)	CONCENTRATIONS FINAL (NG)
149 Indeno(1,2,3-cd)pyrene	276	12.483	12.513	(1.118)	2695602	20.6860	20.686
150 Dibenz(a,h)anthracene	278	12.505	12.534	(1.120)	2186124	19.9702	19.970
151 Benzo(g,h,i)perylene	276	12.879	12.914	(1.153)	2267209	19.9260	19.926
$ 154 Nitrobenzene-d5	82	Compound Not Detected.					
$ 155 2-Fluorobiphenyl	172	Compound Not Detected.					
$ 156 Terphenyl-d14	244	Compound Not Detected.					
$ 157 Phenol-d5	99	Compound Not Detected.					
$ 158 2-Fluorophenol	112	Compound Not Detected.					
$ 159 2,4,6-Tribromophenol	329	Compound Not Detected.					
$ 186 2-Chlorophenol-d4	132	Compound Not Detected.					
$ 187 1,2-Dichlorobenzene-d4	152	Compound Not Detected.					

TestAmerica Pittsburgh

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: 731.i Injection Date: 15-NOV-2008 08:24
Lab File ID: V11150CC.D Init. Cal. Date(s): 23-OCT-2008 23-OCT-2008
Analysis Type: Init. Cal. Times: 00:05 04:48
Lab Sample ID: SSTD4.0 Quant Type: ISTD
Method: \\PITSVR06\D\chem\731.i\V111508.b\827011.m

COMPOUND	RRF / AMOUNT	RF4	CCAL RRF4	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE	
198 1,4-Dioxane	4.00000	4.93263	0.20055	0.010	-23.31576	0.000e+000	Quadratic	
10 N-Nitrosodimethylamine	0.21621	0.22535	0.22535	0.010	-4.23114	25.00000	Averaged	
9 Pyridine	0.44319	0.41196	0.41196	0.010	7.04703	25.00000	Averaged	
16 Methyl methanesulfonate	0.39775	0.41624	0.41624	0.010	-4.64686	25.00000	Averaged	
206 Benzaldehyde	4.00000	3.47289	0.38530	0.010	13.17771	0.000e+000	Quadratic	
21 Aniline	1.43988	1.46842	1.46842	0.010	-1.98217	25.00000	Averaged	
22 Phenol	1.34980	1.27684	1.27684	0.010	5.40553	20.00000	Averaged	
23 bis(2-Chloroethyl)ether	0.94733	0.98122	0.98122	0.010	-3.57747	25.00000	Averaged	
24 2-Chlorophenol	1.28837	1.31367	1.31367	0.010	-1.96437	25.00000	Averaged	
26 1,3-Dichlorobenzene	1.54135	1.61497	1.61497	0.010	-4.77639	25.00000	Averaged	
27 1,4-Dichlorobenzene	1.58187	1.63788	1.63788	0.010	-3.54033	20.00000	Averaged	
28 1,2-Dichlorobenzene	1.51239	1.58476	1.58476	0.010	-4.78501	25.00000	Averaged	
29 Benzyl Alcohol	0.66701	0.43243	0.43243	0.010	35.16843	25.00000	Averaged	<-
30 2-Methylphenol	1.08207	1.16004	1.16004	0.010	-7.20593	25.00000	Averaged	
31 2,2'-oxybis(1-Chloropropane	1.21710	1.20030	1.20030	0.010	1.38027	25.00000	Averaged	
37 Acetophenone	1.53835	1.63021	1.63021	0.010	-5.97148	25.00000	Averaged	
32 N-Nitroso-di-n-propylamine	0.62782	0.70939	0.70939	0.050	-12.99234	50.00000	Averaged	
192 4-Methylphenol	1.09392	1.23712	1.23712	0.010	-13.08994	25.00000	Averaged	
34 Hexachloroethane	0.67552	0.70380	0.70380	0.010	-4.18759	25.00000	Averaged	
35 Nitrobenzene	0.26491	0.28471	0.28471	0.010	-7.47397	25.00000	Averaged	
41 Isophorone	0.47894	0.49020	0.49020	0.010	-2.35207	25.00000	Averaged	
42 2-Nitrophenol	0.17380	0.17965	0.17965	0.010	-3.36524	20.00000	Averaged	
43 2,4-Dimethylphenol	0.29025	0.28531	0.28531	0.010	1.70120	25.00000	Averaged	
44 bis(2-Chloroethoxy)methane	0.31339	0.33961	0.33961	0.010	-8.36578	25.00000	Averaged	
48 2,4-Dichlorophenol	0.29703	0.30219	0.30219	0.010	-1.73580	20.00000	Averaged	
49 Benzoic Acid	10.00000	12.25436	0.16411	0.010	-22.54362	0.000e+000	Quadratic	
50 1,2,4-Trichlorobenzene	0.34159	0.35364	0.35364	0.010	-3.52552	25.00000	Averaged	
51 Naphthalene	1.03121	1.05157	1.05157	0.010	-1.97419	25.00000	Averaged	
52 4-Chloroaniline	0.39814	0.41513	0.41513	0.010	-4.26700	25.00000	Averaged	
54 2,6-Dichlorophenol	0.31382	0.31974	0.31974	0.010	-1.88500	25.00000	Averaged	
56 Hexachlorobutadiene	0.19957	0.21299	0.21299	0.010	-6.71949	20.00000	Averaged	
208 Caprolactam	0.08063	0.06927	0.06927	0.010	14.08728	25.00000	Averaged	
59 4-Chloro-3-Methylphenol	0.26497	0.26038	0.26038	0.010	1.73184	20.00000	Averaged	
62 2-Methylnaphthalene	0.73401	0.72028	0.72028	0.010	1.87011	25.00000	Averaged	
63 1-Methylnaphthalene	0.73634	0.73206	0.73206	0.010	0.58119	25.00000	Averaged	
64 Hexachlorocyclopentadiene	0.29307	0.22331	0.22331	0.050	23.80606	50.00000	Averaged	
66 2,4,6-Trichlorophenol	0.33113	0.33436	0.33436	0.010	-0.97558	20.00000	Averaged	
67 2,4,5-Trichlorophenol	0.33760	0.33624	0.33624	0.010	0.40145	25.00000	Averaged	
209 1,1'-Biphenyl	1.27622	1.32562	1.32562	0.010	-3.87121	25.00000	Averaged	
70 2-Chloronaphthalene	1.03476	1.05462	1.05462	0.010	-1.91945	25.00000	Averaged	
73 2-Nitroaniline	0.23377	0.25029	0.25029	0.010	-7.06506	25.00000	Averaged	
76 Dimethylphthalate	1.07085	1.10643	1.10643	0.010	-3.32287	25.00000	Averaged	

TestAmerica Pittsburgh

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: 731.i
Lab File ID: V11150CC.D
Analysis Type:
Lab Sample ID: SSTD4.0
Method: \\PITSVR06\D\chem\731.i\V111508.b\827011.m

Injection Date: 15-NOV-2008 08:24
Init. Cal. Date(s): 23-OCT-2008 23-OCT-2008
Init. Cal. Times: 00:05 04:48
Quant Type: ISTD

COMPOUND	RRF / AMOUNT	RF4	CCAL RRF4	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE
78 2,6-Dinitrotoluene	0.23593	0.23840	0.23840	0.010	-1.04424	25.00000	Averaged
79 Acenaphthylene	1.68447	1.68038	1.68038	0.010	0.24238	25.00000	Averaged
81 3-Nitroaniline	0.27844	0.25869	0.25869	0.010	7.09483	25.00000	Averaged
82 Acenaphthene	1.05183	1.06131	1.06131	0.010	-0.90101	20.00000	Averaged
83 2,4-Dinitrophenol	10.00000	12.23370	0.12538	0.050	-22.33703	0.000e+000	Quadratic
85 4-Nitrophenol	0.13878	0.15055	0.15055	0.050	-8.48262	50.00000	Averaged
86 Dibenzofuran	1.56249	1.61243	1.61243	0.010	-3.19624	25.00000	Averaged
87 2,4-Dinitrotoluene	0.33867	0.34345	0.34345	0.010	-1.41300	25.00000	Averaged
91 2,3,5,6-Tetrachlorophenol	0.28641	0.26677	0.26677	0.010	6.85914	25.00000	Averaged
88 2,3,4,6-Tetrachlorophenol	0.30678	0.28760	0.28760	0.010	6.25041	25.00000	Averaged
92 2-Naphthylamine	0.57406	0.56685	0.56685	0.010	1.25490	25.00000	Averaged
93 Diethylphthalate	1.15744	1.20865	1.20865	0.010	-4.42394	25.00000	Averaged
94 Fluorene	1.22585	1.24320	1.24320	0.010	-1.41504	25.00000	Averaged
95 4-Chlorophenyl-phenylether	0.55778	0.58393	0.58393	0.010	-4.68889	25.00000	Averaged
96 4-Nitroaniline	0.28962	0.28318	0.28318	0.010	2.22398	25.00000	Averaged
98 4,6-Dinitro-2-methylphenol	10.00000	10.13840	0.09113	0.010	-1.38397	0.000e+000	Quadratic
99 N-Nitrosodiphenylamine (1)	0.48313	0.49645	0.49645	0.010	-2.75786	20.00000	Averaged
100 1,2-Diphenylhydrazine	0.56945	0.60718	0.60718	0.010	-6.62684	25.00000	Averaged
106 4-Bromophenyl-phenylether	0.18687	0.19282	0.19282	0.010	-3.18235	25.00000	Averaged
107 Hexachlorobenzene	0.21229	0.21557	0.21557	0.010	-1.54226	25.00000	Averaged
210 Atrazine	0.10628	0.10216	0.10216	0.010	3.87706	25.00000	Averaged
111 Pentachlorophenol	10.00000	10.72797	0.12083	0.010	-7.27966	0.000e+000	Quadratic
115 Phenanthrene	1.01200	1.00005	1.00005	0.010	1.18147	25.00000	Averaged
116 Anthracene	1.02321	1.00703	1.00703	0.010	1.58123	25.00000	Averaged
119 Carbazole	0.98880	0.99512	0.99512	0.010	-0.63948	25.00000	Averaged
120 Di-n-Butylphthalate	1.18671	1.16976	1.16976	0.010	1.42797	25.00000	Averaged
123 Fluoranthene	1.20971	1.15268	1.15268	0.010	4.71434	20.00000	Averaged
124 Benzidine	4.00000	3.32692	0.24289	0.010	16.82690	0.000e+000	Quadratic
125 Pyrene	1.22708	1.21328	1.21328	0.010	1.12457	25.00000	Averaged
131 Butylbenzylphthalate	0.57469	0.54850	0.54850	0.010	4.55639	25.00000	Averaged
135 3,3'-Dichlorobenzidine	0.47880	0.41601	0.41601	0.010	13.11396	25.00000	Averaged
136 Benzo(a)Anthracene	1.15582	1.13332	1.13332	0.010	1.94662	25.00000	Averaged
137 Chrysene	1.15021	1.13851	1.13851	0.010	1.01765	25.00000	Averaged
139 bis(2-ethylhexyl)Phthalate	0.80249	0.78485	0.78485	0.010	2.19720	25.00000	Averaged
140 Di-n-octylphthalate	1.51798	1.42304	1.42304	0.010	6.25411	20.00000	Averaged
141 Benzo(b)fluoranthene	1.41402	1.42498	1.42498	0.010	-0.77474	25.00000	Averaged
142 Benzo(k)fluoranthene	1.41243	1.43800	1.43800	0.010	-1.81062	25.00000	Averaged
143 7,12-dimethylbenz[a]anthrac	0.62511	0.54906	0.54906	0.010	12.16690	25.00000	Averaged
146 Benzo(a)pyrene	1.20646	1.19145	1.19145	0.010	1.24460	20.00000	Averaged
149 Indeno(1,2,3-cd)pyrene	1.46993	1.48893	1.48893	0.010	-1.29277	25.00000	Averaged
150 Dibenz(a,h)anthracene	1.23484	1.26796	1.26796	0.010	-2.68247	25.00000	Averaged
151 Benzo(g,h,i)perylene	1.28348	1.31387	1.31387	0.010	-2.36798	25.00000	Averaged

TestAmerica Pittsburgh

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: 731.i Injection Date: 15-NOV-2008 08:24
Lab File ID: V11150CC.D Init. Cal. Date(s): 23-OCT-2008 23-OCT-2008
Analysis Type: Init. Cal. Times: 00:05 04:48
Lab Sample ID: SSTD4.0 Quant Type: ISTD
Method: \\PITSVR06\D\chem\731.i\V111508.b\827011.m

COMPOUND	RRF / AMOUNT	RF4	CCAL RRF4	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE
$ 154 Nitrobenzene-d5	0.27855	0.28661	0.28661	0.010	-2.89397	25.00000	Averaged
$ 155 2-Fluorobiphenyl	1.13839	1.19700	1.19700	0.010	-5.14856	25.00000	Averaged
$ 156 Terphenyl-d14	0.79168	0.77106	0.77106	0.010	2.60471	25.00000	Averaged
$ 157 Phenol-d5	1.26916	1.31547	1.31547	0.010	-3.64882	25.00000	Averaged
$ 158 2-Fluorophenol	0.88548	0.96543	0.96543	0.010	-9.02886	25.00000	Averaged
$ 159 2,4,6-Tribromophenol	0.09403	0.09441	0.09441	0.010	-0.39870	25.00000	Averaged
$ 186 2-Chlorophenol-d4	1.24345	1.31814	1.31814	0.010	-6.00649	25.00000	Averaged
$ 187 1,2-Dichlorobenzene-d4	0.97425	1.05731	1.05731	0.010	-8.52620	25.00000	Averaged

METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: C8K070273 **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: C8K110000-052 **Prep Batch #...:** 8316052						
Mercury	ND	0.033	mg/kg	SW846 7471A	11/11/08	K2MEN1AA
		Dilution Factor: 1				
		Analysis Time..: 13:03		Analyst ID.....: 401509	Instrument ID..: HGH	
MB Lot-Sample #: C8K130000-216 **Prep Batch #...:** 8318216						
Silver	ND	0.50	mg/kg	SW846 6010B	11/13-11/23/08	K2T971AA
		Dilution Factor: 1				
		Analysis Time..: 13:52		Analyst ID.....: 022952	Instrument ID..: TRA	
Aluminum	ND	20.0	mg/kg	SW846 6010B	11/13-11/23/08	K2T971AC
		Dilution Factor: 1				
		Analysis Time..: 13:52		Analyst ID.....: 022952	Instrument ID..: TRA	
Arsenic	ND	1.0	mg/kg	SW846 6010B	11/13-11/23/08	K2T971AD
		Dilution Factor: 1				
		Analysis Time..: 13:52		Analyst ID.....: 022952	Instrument ID..: TRA	
Barium	ND	20.0	mg/kg	SW846 6010B	11/13-11/23/08	K2T971AE
		Dilution Factor: 1				
		Analysis Time..: 13:52		Analyst ID.....: 022952	Instrument ID..: TRA	
Beryllium	ND	0.40	mg/kg	SW846 6010B	11/13-11/23/08	K2T971AF
		Dilution Factor: 1				
		Analysis Time..: 13:52		Analyst ID.....: 022952	Instrument ID..: TRA	
Calcium	ND	500	mg/kg	SW846 6010B	11/13-11/23/08	K2T971AG
		Dilution Factor: 1				
		Analysis Time..: 13:52		Analyst ID.....: 022952	Instrument ID..: TRA	
Cadmium	ND	0.50	mg/kg	SW846 6010B	11/13-11/23/08	K2T971AH
		Dilution Factor: 1				
		Analysis Time..: 13:52		Analyst ID.....: 022952	Instrument ID..: TRA	
Cobalt	ND	5.0	mg/kg	SW846 6010B	11/13-11/23/08	K2T971AJ
		Dilution Factor: 1				
		Analysis Time..: 13:52		Analyst ID.....: 022952	Instrument ID..: TRA	
Chromium	**0.084 B**	**0.50**	**mg/kg**	**SW846 6010B**	**11/13-11/23/08**	**K2T971AK**
		Dilution Factor: 1				
		Analysis Time..: 13:52		Analyst ID.....: 022952	Instrument ID..: TRA	

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METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: C8K070273 **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Copper	ND	2.5	mg/kg	SW846 6010B	11/13-11/23/08	K2T971AL
		Dilution Factor: 1				
		Analysis Time..: 13:52		Analyst ID.....: 022952	Instrument ID..: TRA	
Iron	**1.3 B**	**10.0**	**mg/kg**	**SW846 6010B**	**11/13-11/23/08**	**K2T971AM**
		Dilution Factor: 1				
		Analysis Time..: 13:52		Analyst ID.....: 022952	Instrument ID..: TRA	
Potassium	ND	500	mg/kg	SW846 6010B	11/13-11/23/08	K2T971AN
		Dilution Factor: 1				
		Analysis Time..: 13:52		Analyst ID.....: 022952	Instrument ID..: TRA	
Magnesium	ND	500	mg/kg	SW846 6010B	11/13-11/23/08	K2T971AP
		Dilution Factor: 1				
		Analysis Time..: 13:52		Analyst ID.....: 022952	Instrument ID..: TRA	
Manganese	ND	1.5	mg/kg	SW846 6010B	11/13-11/23/08	K2T971AQ
		Dilution Factor: 1				
		Analysis Time..: 13:52		Analyst ID.....: 022952	Instrument ID..: TRA	
Sodium	ND	500	mg/kg	SW846 6010B	11/13-11/23/08	K2T971AR
		Dilution Factor: 1				
		Analysis Time..: 13:52		Analyst ID.....: 022952	Instrument ID..: TRA	
Nickel	**0.15 B**	**4.0**	**mg/kg**	**SW846 6010B**	**11/13-11/23/08**	**K2T971AT**
		Dilution Factor: 1				
		Analysis Time..: 13:52		Analyst ID.....: 022952	Instrument ID..: TRA	
Lead	ND	0.30	mg/kg	SW846 6010B	11/13-11/23/08	K2T971AU
		Dilution Factor: 1				
		Analysis Time..: 13:52		Analyst ID.....: 022952	Instrument ID..: TRA	
Selenium	ND	0.50	mg/kg	SW846 6010B	11/13-11/23/08	K2T971AV
		Dilution Factor: 1				
		Analysis Time..: 13:52		Analyst ID.....: 022952	Instrument ID..: TRA	
Thallium	ND	1.0	mg/kg	SW846 6010B	11/13-11/23/08	K2T971AW
		Dilution Factor: 1				
		Analysis Time..: 13:52		Analyst ID.....: 022952	Instrument ID..: TRA	
Antimony	ND	1.0	mg/kg	SW846 6010B	11/13-11/23/08	K2T971AX
		Dilution Factor: 1				
		Analysis Time..: 13:52		Analyst ID.....: 022952	Instrument ID..: TRA	
Vanadium	**0.26 B**	**5.0**	**mg/kg**	**SW846 6010B**	**11/13-11/23/08**	**K2T971A0**
		Dilution Factor: 1				
		Analysis Time..: 13:52		Analyst ID.....: 022952	Instrument ID..: TRA	

(Continued on next page)

METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: C8K070273 Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Zinc	0.39 B	2.0	mg/kg	SW846 6010B	11/13-11/23/08	K2T971A1

Dilution Factor: 1
Analysis Time..: 13:52 Analyst ID.....: 022952 Instrument ID..: TRA

NOTE(S):

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

B Estimated result. Result is less than RL.

TestAmerica Pittsburgh

Metals Data Reporting Form

Initial Calibration Blank Results

Instrument: ICPST **Units:** ug/L

Chart Number: T81123A.ARC

Standard Source: _____ **Standard ID:** _____

Element	WL/ Mass	Report Limit	ICB1 11/23/2008 10:55 AM Found	Q	Found	Q	Found	Q	Found	Q	Found	Q
Aluminum	308.215	200	24.0	U								
Antimony	220.353	10	2.1	U								
Arsenic	189.042	10	2.9	U								
Barium	493.409	200	0.8	U								
Beryllium	313.042	4	**0.3**	**B**								
Cadmium	226.502	5	0.2	U								
Calcium	317.933	6000	**19.1**	**B**								
Chromium	267.716	5	**0.6**	**B**								
Cobalt	228.616	50	0.8	U								
Copper	324.753	25	2.6	U								
Iron	271.441	100	12.9	U								
Lead	220.353	3	1.6	U								
Magnesium	279.078	5000	20.9	U								
Manganese	257.61	15	0.6	U								
Nickel	231.604	40	1.4	U								
Potassium	766.491	5000	750.0	U								
Selenium	220.353	5	1.7	U								
Silver	328.068	200	0.7	U								
Sodium	330.232	5000	**-550.0**	**B**								
Thallium	190.864	10	3.1	U								
Vanadium	292.402	50	2.4	U								
Zinc	213.856	20	**2.4**	**B**								

TestAmerica Pittsburgh

Metals Data Reporting Form

Continuing Calibration Blank Result

Instrument: ICPST **Units:** ug/L

Chart Number: T81123A.ARC

Standard Source: _____ **Standard ID:** _____

Element	WL/ Mass	Report Limit	CCB1 11/23/2008 11:23 AM Found	Q	CCB2 11/23/2008 12:30 PM Found	Q	CCB3 11/23/2008 1:36 PM Found	Q	CCB4 11/23/2008 2:41 PM Found	Q	CCB5 11/23/2008 3:49 PM Found	Q
Aluminum	308.215	200	24.0	U	24.0	U	24.0	U	24.0	U	24.0	U
Antimony	220.353	10	2.1	U	2.1	U	2.1	U	2.1	U	2.1	U
Arsenic	189.042	10	2.9	U	2.9	U	2.9	U	2.9	U	2.9	U
Barium	493.409	200	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U
Beryllium	313.042	4	0.2	U	**0.2**	**B**	**0.3**	**B**	**0.4**	**B**	**0.3**	**B**
Cadmium	226.502	5	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
Calcium	317.933	6000	17.0	U	17.0	U	17.0	U	17.0	U	17.0	U
Chromium	267.716	5	0.6	U	0.6	U	0.6	U	0.6	U	0.6	U
Cobalt	228.616	50	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U
Copper	324.753	25	2.6	U	2.6	U	2.6	U	2.6	U	2.6	U
Iron	271.441	100	12.9	U	12.9	U	12.9	U	12.9	U	12.9	U
Lead	220.353	3	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U
Magnesium	279.078	5000	20.9	U	20.9	U	20.9	U	20.9	U	20.9	U
Manganese	257.61	15	0.6	U	0.6	U	0.6	U	0.6	U	0.6	U
Nickel	231.604	40	1.4	U	1.4	U	1.4	U	1.4	U	1.4	U
Potassium	766.491	5000	750.0	U	750.0	U	750.0	U	750.0	U	750.0	U
Selenium	220.353	5	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U
Silver	328.068	200	0.7	U	0.7	U	0.7	U	0.7	U	0.7	U
Sodium	330.232	5000	**-650.0**	**B**	**-620.0**	**B**	**-530.0**	**B**	**-580.0**	**B**	**-660.0**	**B**
Thallium	190.864	10	3.1	U	3.1	U	3.1	U	3.1	U	3.1	U
Vanadium	292.402	50	2.4	U	2.4	U	2.4	U	2.4	U	2.4	U
Zinc	213.856	20	**2.1**	**B**	**2.0**	**B**	**2.2**	**B**	**2.6**	**B**	1.8	U

TestAmerica Pittsburgh

Metals Data Reporting Form

Continuing Calibration Blank Result

Instrument: ICPST **Units:** ug/L

Chart Number: T81123A.ARC

Standard Source: _____ **Standard ID:** _____

Element	WL/ Mass	Report Limit	CCB6 11/23/2008 4:55 PM Found	Q	CCB7 11/23/2008 6:01 PM Found	Q	CCB8 11/23/2008 7:07 PM Found	Q	CCB9 11/23/2008 8:13 PM Found	Q	Found	Q
Aluminum	308.215	200	24.0	U	**24.0**	**B**	**26.9**	**B**	**30.4**	**B**		
Antimony	220.353	10	2.1	U	2.1	U	2.1	U	2.1	U		
Arsenic	189.042	10	2.9	U	2.9	U	2.9	U	2.9	U		
Barium	493.409	200	0.8	U	0.8	U	0.8	U	0.8	U		
Beryllium	313.042	4	**0.3**	**B**	**0.3**	**B**	**0.5**	**B**	**0.5**	**B**		
Cadmium	226.502	5	0.2	U	0.2	U	0.2	U	**0.2**	**B**		
Calcium	317.933	6000	17.0	U	17.0	U	17.0	U	17.0	U		
Chromium	267.716	5	0.6	U	0.6	U	0.6	U	0.6	U		
Cobalt	228.616	50	0.8	U	0.8	U	0.8	U	0.8	U		
Copper	324.753	25	2.6	U	2.6	U	2.6	U	2.6	U		
Iron	271.441	100	12.9	U	12.9	U	12.9	U	12.9	U		
Lead	220.353	3	1.6	U	1.6	U	1.6	U	1.6	U		
Magnesium	279.078	5000	20.9	U	20.9	U	20.9	U	20.9	U		
Manganese	257.61	15	0.6	U	0.6	U	0.6	U	0.6	U		
Nickel	231.604	40	1.4	U	1.4	U	1.4	U	1.4	U		
Potassium	766.491	5000	750.0	U	750.0	U	750.0	U	750.0	U		
Selenium	220.353	5	1.7	U	1.7	U	1.7	U	1.7	U		
Silver	328.068	200	0.7	U	0.7	U	0.7	U	0.7	U		
Sodium	330.232	5000	**-380.0**	**B**	**-200.0**	**B**	**-520.0**	**B**	**-510.0**	**B**		
Thallium	190.864	10	3.1	U	3.1	U	3.1	U	3.1	U		
Vanadium	292.402	50	2.4	U	2.4	U	2.4	U	2.4	U		
Zinc	213.856	20	1.8	U	**1.9**	**B**	**4.0**	**B**	**2.6**	**B**		

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: C8K070273 **Matrix.....:** SO
Date Sampled...: 11/05/08 **Date Received..:** 11/07/08

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: C8K070273-005 **Prep Batch #...:** 8316052									
Mercury									
	0.0093	0.198	0.221	mg/kg	107		SW846 7471A	11/11/08	K2HC71AU
	0.0093	0.198	0.221	mg/kg	107	0.0	SW846 7471A	11/11/08	K2HC71AV
			Dilution Factor: 1						
			Analysis Time..: 13:43		Instrument ID..: HGHYDRA		Analyst ID.....: 401509		
			MS Run #.....: 8316035						
MS Lot-Sample #: C8K070273-005 **Prep Batch #...:** 8318216									
Silver									
	ND	5.93	5.60	mg/kg	94		SW846 6010B	11/13-11/23/08	K2HC71CC
	ND	5.93	5.47	mg/kg	92	2.3	SW846 6010B	11/13-11/23/08	K2HC71CD
			Dilution Factor: 1						
			Analysis Time..: 14:48		Instrument ID..: TRACEICP		Analyst ID.....: 022952		
			MS Run #.....: 8318107						
Aluminum									
	3790	237	5770 NC	mg/kg			SW846 6010B	11/13-11/23/08	K2HC71CF
	3790	237	5540 NC	mg/kg			SW846 6010B	11/13-11/23/08	K2HC71CG
			Dilution Factor: 1						
			Analysis Time..: 14:48		Instrument ID..: TRACEICP		Analyst ID.....: 022952		
			MS Run #.....: 8318107						
Arsenic									
	2.5	237	208	mg/kg	87		SW846 6010B	11/13-11/23/08	K2HC71CJ
	2.5	237	205	mg/kg	85	1.6	SW846 6010B	11/13-11/23/08	K2HC71CK
			Dilution Factor: 1						
			Analysis Time..: 14:48		Instrument ID..: TRACEICP		Analyst ID.....: 022952		
			MS Run #.....: 8318107						
Barium									
	21.2	237	239	mg/kg	92		SW846 6010B	11/13-11/23/08	K2HC71CM
	21.2	237	236	mg/kg	90	1.3	SW846 6010B	11/13-11/23/08	K2HC71CN
			Dilution Factor: 1						
			Analysis Time..: 14:48		Instrument ID..: TRACEICP		Analyst ID.....: 022952		
			MS Run #.....: 8318107						
Beryllium									
	0.33	5.93	5.80	mg/kg	92		SW846 6010B	11/13-11/23/08	K2HC71CQ
	0.33	5.93	5.70	mg/kg	91	1.6	SW846 6010B	11/13-11/23/08	K2HC71CR
			Dilution Factor: 1						
			Analysis Time..: 14:48		Instrument ID..: TRACEICP		Analyst ID.....: 022952		
			MS Run #.....: 8318107						

(Continued on next page)

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: C8K070273 **Matrix.....:** SO
Date Sampled...: 11/05/08 **Date Received..:** 11/07/08

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Calcium									
	29000	5930	32900	mg/kg			SW846 6010B	11/13-11/23/08	K2HC71CU
			Qualifiers: NC						
	29000	5930	32400	mg/kg			SW846 6010B	11/13-11/23/08	K2HC71CV
			Qualifiers: NC						
			Dilution Factor: 1						
			Analysis Time..: 14:48				Instrument ID..: TRACEICP	Analyst ID.....: 022952	
			MS Run #.....: 8318107						
Cadmium									
	ND	5.93	5.03	mg/kg	85		SW846 6010B	11/13-11/23/08	K2HC71CX
	ND	5.93	4.91	mg/kg	83	2.3	SW846 6010B	11/13-11/23/08	K2HC71C0
			Dilution Factor: 1						
			Analysis Time..: 14:48				Instrument ID..: TRACEICP	Analyst ID.....: 022952	
			MS Run #.....: 8318107						
Cobalt									
	3.8	59.3	55.6	mg/kg	87		SW846 6010B	11/13-11/23/08	K2HC71C2
	3.8	59.3	54.6	mg/kg	86	1.8	SW846 6010B	11/13-11/23/08	K2HC71C3
			Dilution Factor: 1						
			Analysis Time..: 14:48				Instrument ID..: TRACEICP	Analyst ID.....: 022952	
			MS Run #.....: 8318107						
Chromium									
	6.5	23.7	29.3	mg/kg	96		SW846 6010B	11/13-11/23/08	K2HC71C5
	6.5	23.7	28.7	mg/kg	94	2.1	SW846 6010B	11/13-11/23/08	K2HC71C6
			Dilution Factor: 1						
			Analysis Time..: 14:48				Instrument ID..: TRACEICP	Analyst ID.....: 022952	
			MS Run #.....: 8318107						
Copper									
	10.1	29.6	36.9	mg/kg	91		SW846 6010B	11/13-11/23/08	K2HC71C8
	10.1	29.6	36.3	mg/kg	88	1.7	SW846 6010B	11/13-11/23/08	K2HC71C9
			Dilution Factor: 1						
			Analysis Time..: 14:48				Instrument ID..: TRACEICP	Analyst ID.....: 022952	
			MS Run #.....: 8318107						
Iron									
	10300	119	10600	mg/kg			SW846 6010B	11/13-11/23/08	K2HC71DC
			Qualifiers: NC						
	10300	119	10200	mg/kg			SW846 6010B	11/13-11/23/08	K2HC71DD
			Qualifiers: NC						
			Dilution Factor: 1						
			Analysis Time..: 14:48				Instrument ID..: TRACEICP	Analyst ID.....: 022952	
			MS Run #.....: 8318107						

(Continued on next page)

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: C8K070273 **Matrix.....:** SO
Date Sampled...: 11/05/08 **Date Received..:** 11/07/08

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Potassium									
	710	5930	6650	mg/kg	100		SW846 6010B	11/13-11/23/08	K2HC71DF
	710	5930	6520	mg/kg	98	2.0	SW846 6010B	11/13-11/23/08	K2HC71DG
			Dilution Factor: 1						
			Analysis Time..: 14:48		Instrument ID..: TRACEICP		Analyst ID.....: 022952		
			MS Run #.....: 8318107						
Magnesium									
	6630	5930	12100	mg/kg	92		SW846 6010B	11/13-11/23/08	K2HC71DJ
	6630	5930	11900	mg/kg	89	1.5	SW846 6010B	11/13-11/23/08	K2HC71DK
			Dilution Factor: 1						
			Analysis Time..: 14:48		Instrument ID..: TRACEICP		Analyst ID.....: 022952		
			MS Run #.....: 8318107						
Manganese									
	180	59.3	230	mg/kg	85		SW846 6010B	11/13-11/23/08	K2HC71DM
	180	59.3	227	mg/kg	79	1.5	SW846 6010B	11/13-11/23/08	K2HC71DN
			Dilution Factor: 1						
			Analysis Time..: 14:48		Instrument ID..: TRACEICP		Analyst ID.....: 022952		
			MS Run #.....: 8318107						
Sodium									
	73.8	5930	5490	mg/kg	91		SW846 6010B	11/13-11/23/08	K2HC71DQ
	73.8	5930	5430	mg/kg	90	1.0	SW846 6010B	11/13-11/23/08	K2HC71DR
			Dilution Factor: 1						
			Analysis Time..: 14:48		Instrument ID..: TRACEICP		Analyst ID.....: 022952		
			MS Run #.....: 8318107						
Nickel									
	9.3	59.3	60.1	mg/kg	86		SW846 6010B	11/13-11/23/08	K2HC71DU
	9.3	59.3	58.9	mg/kg	84	2.0	SW846 6010B	11/13-11/23/08	K2HC71DV
			Dilution Factor: 1						
			Analysis Time..: 14:48		Instrument ID..: TRACEICP		Analyst ID.....: 022952		
			MS Run #.....: 8318107						
Lead									
	4.1	59.3	55.7	mg/kg	87		SW846 6010B	11/13-11/23/08	K2HC71DX
	4.1	59.3	54.7	mg/kg	85	1.7	SW846 6010B	11/13-11/23/08	K2HC71D0
			Dilution Factor: 1						
			Analysis Time..: 14:48		Instrument ID..: TRACEICP		Analyst ID.....: 022952		
			MS Run #.....: 8318107						

(Continued on next page)

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: C8K070273 **Matrix.....:** SO
Date Sampled...: 11/05/08 **Date Received..:** 11/07/08

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Selenium									
	ND	237	203	mg/kg	86		SW846 6010B	11/13-11/23/08	K2HC71AC
	ND	237	200	mg/kg	84	1.5	SW846 6010B	11/13-11/23/08	K2HC71AD
			Dilution Factor: 1						
			Analysis Time..: 14:48		Instrument ID..: TRACEICP		Analyst ID.....: 022952		
			MS Run #.....: 8318107						
Thallium									
	ND	237	206	mg/kg	87		SW846 6010B	11/13-11/23/08	K2HC71AF
	ND	237	203	mg/kg	85	1.8	SW846 6010B	11/13-11/23/08	K2HC71AG
			Dilution Factor: 1						
			Analysis Time..: 14:48		Instrument ID..: TRACEICP		Analyst ID.....: 022952		
			MS Run #.....: 8318107						
Antimony									
	ND	59.3	46.2	mg/kg	78		SW846 6010B	11/13-11/23/08	K2HC71AJ
	ND	59.3	45.8	mg/kg	77	0.99	SW846 6010B	11/13-11/23/08	K2HC71AK
			Dilution Factor: 1						
			Analysis Time..: 14:48		Instrument ID..: TRACEICP		Analyst ID.....: 022952		
			MS Run #.....: 8318107						
Vanadium									
	12.0	59.3	68.9	mg/kg	96		SW846 6010B	11/13-11/23/08	K2HC71AM
	12.0	59.3	67.4	mg/kg	93	2.2	SW846 6010B	11/13-11/23/08	K2HC71AN
			Dilution Factor: 1						
			Analysis Time..: 14:48		Instrument ID..: TRACEICP		Analyst ID.....: 022952		
			MS Run #.....: 8318107						
Zinc									
	26.6	59.3	80.7	mg/kg	91		SW846 6010B	11/13-11/23/08	K2HC71AQ
	26.6	59.3	79.1	mg/kg	89	2.0	SW846 6010B	11/13-11/23/08	K2HC71AR
			Dilution Factor: 1						
			Analysis Time..: 14:48		Instrument ID..: TRACEICP		Analyst ID.....: 022952		
			MS Run #.....: 8318107						

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.

TestAmerica Pittsburgh

Metals Data Reporting Form

Serial Dilution RPD Report

Serial Dilution Sample ID: K2HC7P

Original Sample ID: K2HC7 **Client ID:** SB44(52.5-55)P

Matrix: Soil **Units:** mg/kg **Prep Date:** 11/13/2008 **Prep Batch:** 8318216

Weight: 1.00 **Volume:** 100 **Percent Moisture:** 15.638

Element	WL/ Mass	OS Conc	Q	Serial Dilution Conc	Q	Percent Diff	OS DF	Ser Dil DF	Instr	OS Anal Date	OS Anal Time	Ser Dil Anal Date	Ser Dil Anal Time
Aluminum	308.215	3790		3930		3.7	1	5	ICPST	11/23/2008	14:25	11/23/2008	14:30
Antimony	220.353	0.25	U	1.3	U		1	5	ICPST	11/23/2008	14:25	11/23/2008	14:30
Arsenic	189.042	2.5		2.3	B		1	5	ICPST	11/23/2008	14:25	11/23/2008	14:30
Barium	493.409	21.2	B	21.9	B	3.0	1	5	ICPST	11/23/2008	14:25	11/23/2008	14:30
Beryllium	313.042	0.33	B	0.45	B		1	5	ICPST	11/23/2008	14:25	11/23/2008	14:30
Cadmium	226.502	0.025	U	0.12	U		1	5	ICPST	11/23/2008	14:25	11/23/2008	14:30
Calcium	317.933	29000		30600		5.8	1	5	ICPST	11/23/2008	14:25	11/23/2008	14:30
Chromium	267.716	6.5		6.9		6.6	1	5	ICPST	11/23/2008	14:25	11/23/2008	14:30
Cobalt	228.616	3.8	B	4.1	B		1	5	ICPST	11/23/2008	14:25	11/23/2008	14:30
Copper	324.753	10.1		9.9	B		1	5	ICPST	11/23/2008	14:25	11/23/2008	14:30
Iron	271.441	10300		10900		5.3	1	5	ICPST	11/23/2008	14:25	11/23/2008	14:30
Lead	220.353	4.1		4.5			1	5	ICPST	11/23/2008	14:25	11/23/2008	14:30
Magnesium	279.078	6620		6840		3.2	1	5	ICPST	11/23/2008	14:25	11/23/2008	14:30
Manganese	257.61	180		188		4.4	1	5	ICPST	11/23/2008	14:25	11/23/2008	14:30
Nickel	231.604	9.3		10.0	B	7.2	1	5	ICPST	11/23/2008	14:25	11/23/2008	14:30
Potassium	766.491	710		736	B		1	5	ICPST	11/23/2008	14:25	11/23/2008	14:30
Selenium	220.353	0.21	U	1.0	U		1	5	ICPST	11/23/2008	14:25	11/23/2008	14:30
Silver	328.068	0.078	U	0.39	U		1	5	ICPST	11/23/2008	14:25	11/23/2008	14:30
Sodium	330.232	73.8	B	86.0	U		1	5	ICPST	11/23/2008	14:25	11/23/2008	14:30
Thallium	190.864	0.37	U	1.8	U		1	5	ICPST	11/23/2008	14:25	11/23/2008	14:30
Vanadium	292.402	12.0		12.5	B		1	5	ICPST	11/23/2008	14:25	11/23/2008	14:30
Zinc	213.856	26.5		29.9	E	12.5	1	5	ICPST	11/23/2008	14:25	11/23/2008	14:30

Comments:

5.22.0

U Result is less than the MDL

B Result is between MDL and RL

E Serial dilution percent difference not within limits

Form 9 Equivalent

ENSR, Schenectady RI

Cyanide, Total

Lab Name: TESTAMERICA PITTSBURGH
Client Name: AECOM, Inc
Matrix: SOLID

Method: SW846 9012A
Report ID: C8K070273
Date/Time Received: 11/5/2008 9:25:00AM

Client Sample ID	Sample Number	Workorder	Result	Units	Reporting Limit	Prep Date-Analysis Date/Time	QC Batch	RPD / Limit (%)
BLK - C8K110000146B	146 MB	K2MVG1AA	0.25 B	mg/kg	0.50	11/11/2008 - 11/11/2008 13:46	8316146	
BLK - C8K150000102B	102 MB	K22F71AA	ND	mg/kg	0.50	11/15/2008 - 11/17/2008 11:13	8320102	

CASE NARRATIVE

AECOM
Schenectady RI

Lot # C8L110357

Sample Receiving:
TestAmerica's Pittsburgh laboratory received samples on December 11, 2008. The cooler was received within the proper temperature range.

If project specific QC was not required for samples contained in this report and batch QC was completed on these samples, anomalous results will be discussed below.

GC/MS Volatiles:
Due to the sample matrix, samples SB27(23-23.5) and SB59(15-16) were analyzed as medium level, methanol dilutions. SampleSB27(23-23.5) was analyzed at a subsequent dilution.

The method blank for batch 8352263 had methylene chloride detected between the MDL and the reporting limit. The result was flagged with a "J" qualifier. Any sample in this batch that had this compound detected had the result flagged with a "B" qualifier.

GC/MS Semivolatiles:
Due to the concentration of target compounds detected, samples SB27(23-23.5) was analyzed at two dilutions. The 100X dilution had the surrogates diluted out. Both sets of data were reported for each sample.

Metals:
The serial dilution of sample SB59(15-16) was outside of the percent difference control limits for zinc. The result was flagged with an "E" qualifier.

The method blank had analytes detected at concentrations between the MDL and the reporting limit. The results were flagged with a "B" qualifier. Any sample associated with a method blank that had the same analyte detected had the result flagged with a "J" qualifier.

For the matrix spike and matrix spike duplicate of sample SB59(15-16), aluminum and iron recoveries were not calculated due to the concentration of analyte in the sample being >4 times the concentration of spike added.

General Chemistry:
There were no problems associated with the analysis.

C8L110357

Chain of Custody Record

Temperature on Receipt _____

Drinking Water? Yes ☐ No ☐

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TAL-4124 (1007)

Client	Project Manager	Date	Chain of Custody Number
AECOM ENVIRONMENT	JAMES EDWARDS		093194
Address	**Telephone Number (Area Code)/Fax Number**	**Lab Number**	**Page _____ of _____**
1001 W SENECA			
City	**State**	**Zip Code**	**Site Contact**	**Lab Contact**
ITHACA				
Project Name and Location (State)	**Carrier/Waybill Number**
SCHENECTADY NGP	
Contract/Purchase Order/Quote No.	

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Containers & Preservatives: Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	Analysis: VOC TCL 4.2	8260B	SVOC TCL 4.2	8270C	TAL Metals	TOTAL CN	Special Instructions/ Conditions of Receipt
SB27 (23-23.5)	12.8.08	1015				X							X		X		X	X	
SB27 (35-36)	12.8.08	1216				X							X		X		X	X	
SB 53 (25-26)	12.8.08	1550				X							X		X		X	X	
SB 54 (11-12)	12.9.08	830				X							X		X		X	X	
SB 56 (11-12)	12.9.08	1030				X							X		X		X	X	
SB 57 (11-12)	12.9.08	1115				X							X		X		X	X	
SB 59 (15-16)	12.9.08	1206				X							X		X		X	X	
SB 59 (23-24)	12.9.08	1245				X							X		X		X	X	

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months (A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required
☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☐ Other _____

QC Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By: JAMES EDWARDS	12.8.08	1700	1. Received By: Fed Ex		
2. Relinquished By			2. Received By	12/11/08	0950
3. Relinquished By			5. Received By		

Comments

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

6

(1 - 134)

Cooler Receipt Form
TestAmerica Pittsburgh

Client: AECOM Project: Schenectady Quote: 72910

Cooler Rec'd & Opened for Temp. Check on: 12/11/08

Coolers Opened and Unpacked on: 12/11/08 By: (Signature)

TestAmerica Pittsburgh Lot Number: C8L110357

		Yes	No	NA
1.	Were custody seals on the outside of the cooler?	✓		
	If YES, how many and where? Quantity 1 Location LID			
	Were signatures and date correct?		✓	
2.	Were custody papers included inside the cooler?	✓		
3.	Were custody papers properly filled out (ink, signed, match labels)?	✓		
4.	Did you sign the custody papers in the appropriate place?	✓		
5.	Was shippers packing slip attached to this form?			
6.	Were packing materials used?		✓	
	If YES, what type?			
7.	Were the samples received within the acceptable temperature range?	✓		
8.	Were the samples appropriately preserved?	✓		
9.	Were all bottles sealed in separate plastic bags?		✓	
10.	Did all bottles arrive in good condition (unbroken)?		✓	
11	Were all bottle labels complete (sample ID, preservatives, etc)?			✓
12.	Did all bottle labels and/or tags agree with custody papers?	✓		
13.	Were correct bottles used for tests indicated?	✓		
14.	Were all VOA vials checked for the presence of air bubbles?			✓
15.	Was a sufficient amount of sample sent in each bottle?	✓		

16. Samples received by: ~~FEDEX~~ UPS CLIENT DROP-OFF OTHER DHL US CARGO

Explain any discrepancies: only Some samples were wrapped in Bubble Bags

Level 2 Review

Was contacted on _____ by _____ to resolve discrepancies.

Cooler Receipt Form

TestAmerica Pittsburgh

P: Preserved
UP: Unpreserved

Sample ID	TMET PH<2	DMET PH<2	HG PH<2	NUT(1) PH<2	CN PH ≥12	OG TPHC PH<2	PHEN PH<2	SULF PH ≥12	TOC PH<2	TOX PH<2	VOA P/UP	hrdnss PH<2			

(1) "NUT" could include sample bottles for ammonia, chemical oxygen demand, nitrate/nitrite, TKN, or total phosphorus

Comments: _____

Cooler Number	Temperature*	Thermometer ID
1	2.5	10

*Acceptable Temperature Range: 4°C ± 2°C

Sample	Lot Number**

**Please use an asterisk if bottle lot number was covered by the label

If samples required preservation in the laboratory, the following lot number(s) was/were used:

Nitric Acid _____ Hydrochloric Acid _____

Sulfuric Acid _____ Sodium Hydroxide _____

Work Order No.: _____

Condition Upon Receipt Variance Report
TestAmerica Pittsburgh Laboratory

Client: AECOM
Project No.: _____
Analysis Requested: 8260B
Client Sample Numbers Affected: SB 53 (25-26)

Date: 12/11/08
Initiated by: LM
RFA/COC: 093194

Condition/Variance (Check all that apply):

1. ☒ Not enough sample received for proper analysis. Received approx. _____
2. ☒ Sample received broken/leaking.
3. ☒ Sample received without proper preservative.
   - ☒ Cooler temperature not within 4°C ± 2°C. Record temperature: _____
   - ☒ pH _____
   - ☒ other: _____
4. ☒ Sample received in improper container.
5. ☒ Sample received without proper paperwork. _____
6. ☒ Paperwork received without sample.
7. ☒ No sample ID on sample container.
8. ☒ Custody tape disturbed/broken/missing.
9. ☒ Sample splits performed by lab.
10. ☒ Volatile sample received with approximately _____ mm headspace.
11. ☒ Sample ID on container does not match on paperwork. Explain: _____
12. ☒ All coolers on airbill not received with
13. ☒ Other (explain below): _____

Notes: VOA Jar received Broken will use 4 ounce Jar for VOA's

Corrective Action:

☒ Client's Name: _____ Informed verbally on: _____ By: _____

☒ Client's Name: _____ Informed in writing on: _____ By: _____

☒ Sample(s) processed "as is" _____

☒ Sample(s) on hold until: _____ If released: _____

Sample Control Supervisor Review: _____ Date: _____

Project Management Review: _____ Date: 12/15/08

SIGNED ORIGINAL MUST BE RETAINED IN THE PROJECT FILE

TA PT/11-07/96-005/CURVR.DOC

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: C8L110357 **Work Order #...:** K4VMQ1AA **Matrix.....:** SOLID
MB Lot-Sample #: C8L170000-263

Prep Date.....: 12/17/08 **Analysis Time..:** 09:13
Analysis Date..: 12/17/08 **Prep Batch #...:** 8352263 **Final Wgt/Vol..:** 5 mL
Dilution Factor: 1 **Initial Wgt/Vol:** 5 g **Instrument ID..:** HP4
Analyst ID.....: 034635

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	5.0	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	5.0	ug/kg	SW846 8260B
Dibromochloromethane	ND	5.0	ug/kg	SW846 8260B
1,2-Dibromo-3-chloro-propane	ND	5.0	ug/kg	SW846 8260B
1,2-Dibromoethane	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
1,2-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	5.0	ug/kg	SW846 8260B
Isopropylbenzene	ND	5.0	ug/kg	SW846 8260B
Methyl acetate	ND	5.0	ug/kg	SW846 8260B
Methylene chloride	**1.4 J**	**5.0**	**ug/kg**	**SW846 8260B**
Methylcyclohexane	ND	5.0	ug/kg	SW846 8260B
4-Methyl-2-pentanone	ND	5.0	ug/kg	SW846 8260B
Methyl tert-butyl ether	ND	5.0	ug/kg	SW846 8260B
Styrene	ND	5.0	ug/kg	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	SW846 8260B
1,2,4-Trichloro-benzene	ND	5.0	ug/kg	SW846 8260B

(Continued on next page)

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: C8L110357 **Work Order #...:** K4VMQ1AA **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Tetrachloroethene	ND	5.0	ug/kg	SW846 8260B
1,1,1-Trichloroethane	ND	5.0	ug/kg	SW846 8260B
1,1,2-Trichloroethane	ND	5.0	ug/kg	SW846 8260B
Trichloroethene	ND	5.0	ug/kg	SW846 8260B
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	15	ug/kg	SW846 8260B
Toluene	ND	5.0	ug/kg	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	74	(52 - 124)
Toluene-d8	92	(72 - 127)
4-Bromofluorobenzene	88	(63 - 120)
Dibromofluoromethane	82	(68 - 121)

NOTE(S):

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

J Estimated result. Result is less than RL.

TestAmerica Pittsburgh

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: hp3.i Injection Date: 19-DEC-2008 11:01
Lab File ID: CC31219N.D Init. Cal. Date(s): 18-DEC-2008 18-DEC-2008
Analysis Type: SOIL Init. Cal. Times: 10:09 12:33
Lab Sample ID: vstd40 Quant Type: ISTD
Method: \\pitsvr06\d\chem\hp3.i\3121908n.b\med500.m

COMPOUND	RRF / AMOUNT	RF40	CCAL RRF40	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE
$ 39 Dibromofluoromethane	0.23503	0.24485	0.24485	0.010	-4.18001	25.00000	Averaged
$ 43 1,2-Dichloroethane-d4	0.26244	0.27585	0.27585	0.010	-5.11127	25.00000	Averaged
$ 59 Toluene-d8	3.47936	3.47126	3.47126	0.010	0.23270	25.00000	Averaged
$ 80 Bromofluorobenzene	1.86855	1.98614	1.98614	0.010	-6.29341	25.00000	Averaged
1 Dichlorodifluoromethane	0.38628	0.42688	0.42688	0.010	-10.51187	25.00000	Averaged
2 Chloromethane	0.39334	0.44957	0.44957	0.100	-14.29491	25.00000	Averaged
3 Vinyl Chloride	0.37900	0.43065	0.43065	0.010	-13.62882	20.00000	Averaged
4 Bromomethane	0.10986	0.11518	0.11518	0.010	-4.84612	25.00000	Averaged
5 Chloroethane	200	164	0.11680	0.010	17.81245	0.000e+000	Quadratic
6 Trichlorofluoromethane	0.37225	0.37752	0.37752	0.010	-1.41641	25.00000	Averaged
10 1,1,2-trichloro-1,2,2-trifl	0.31945	0.35363	0.35363	0.010	-10.69799	25.00000	Averaged
12 1,1-Dichloroethene	0.28968	0.29246	0.29246	0.010	-0.95946	20.00000	Averaged
15 Carbon Disulfide	0.95801	1.03014	1.03014	0.010	-7.52951	25.00000	Averaged
13 Acetone	200	248	0.05671	0.010	-23.97838	0.000e+000	Quadratic
18 Methylene Chloride	0.30606	0.31700	0.31700	0.010	-3.57359	25.00000	Averaged
19 trans-1,2-Dichloroethene	0.31175	0.31335	0.31335	0.010	-0.51285	25.00000	Averaged
20 Methyl tert-butyl ether	0.60190	0.65320	0.65320	0.010	-8.52203	25.00000	Averaged
24 1,1-Dichloroethane	0.53809	0.53506	0.53506	0.100	0.56317	25.00000	Averaged
27 2,2-Dichloropropane	0.49460	0.51906	0.51906	0.010	-4.94616	25.00000	Averaged
28 cis-1,2-dichloroethene	0.31692	0.31871	0.31871	0.010	-0.56255	25.00000	Averaged
M 29 1,2-Dichloroethene (total)	0.31433	0.31603	0.31603	0.010	-0.53790	25.00000	Averaged
30 Bromochloromethane	0.12244	0.12897	0.12897	0.010	-5.33297	25.00000	Averaged
31 2-Butanone	200	230	0.06034	0.010	-14.97994	0.000e+000	Quadratic
37 Chloroform	0.50032	0.51145	0.51145	0.010	-2.22379	20.00000	Averaged
38 1,1,1-Trichloroethane	0.48719	0.52168	0.52168	0.010	-7.08037	25.00000	Averaged
40 1,1-Dichloropropene	0.39679	0.39436	0.39436	0.010	0.61083	25.00000	Averaged
41 Carbon Tetrachloride	0.39774	0.42530	0.42530	0.010	-6.93026	25.00000	Averaged
42 Benzene	1.08240	1.10684	1.10684	0.010	-2.25798	25.00000	Averaged
45 1,2-Dichloroethane	0.33117	0.34649	0.34649	0.010	-4.62710	25.00000	Averaged
47 Trichloroethene	0.27080	0.26848	0.26848	0.010	0.85622	25.00000	Averaged
49 1,2-Dichloropropane	0.24856	0.25035	0.25035	0.010	-0.71705	20.00000	Averaged
50 Dibromomethane	0.11830	0.12495	0.12495	0.010	-5.62490	25.00000	Averaged
53 Bromodichloromethane	200	220	0.34795	0.010	-10.11528	0.000e+000	Quadratic
57 cis-1,3-Dichloropropene	200	221	0.37171	0.010	-10.58016	0.000e+000	Quadratic
58 4-Methyl-2-Pentanone	200	212	0.51099	0.010	-6.13606	0.000e+000	Quadratic
60 Toluene	4.26990	4.23280	4.23280	0.010	0.86899	20.00000	Averaged
61 trans-1,3-Dichloropropene	1.22525	1.29702	1.29702	0.010	-5.85804	25.00000	Averaged
63 1,3-Dichloropropane	1.19329	1.23816	1.23816	0.010	-3.76010	25.00000	Averaged
64 1,1,2-Trichloroethane	0.66614	0.70333	0.70333	0.010	-5.58291	25.00000	Averaged
65 Tetrachloroethene	0.86239	0.82760	0.82760	0.010	4.03473	25.00000	Averaged
66 2-Hexanone	200	213	0.29705	0.010	-6.41638	0.000e+000	Quadratic
67 Dibromochloromethane	0.79101	0.84449	0.84449	0.010	-6.76133	25.00000	Averaged
68 1,2-Dibromoethane	0.65750	0.71662	0.71662	0.010	-8.99143	25.00000	Averaged

TestAmerica Pittsburgh

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: hp3.i Injection Date: 19-DEC-2008 11:01
Lab File ID: CC31219N.D Init. Cal. Date(s): 18-DEC-2008 18-DEC-2008
Analysis Type: SOIL Init. Cal. Times: 10:09 12:33
Lab Sample ID: vstd40 Quant Type: ISTD
Method: \\pitsvr06\d\chem\hp3.i\3121908n.b\med500.m

COMPOUND	RRF / AMOUNT	RF40	CCAL RRF40	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE
70 Chlorobenzene	3.03126	3.16746	3.16746	0.300	-4.49310	25.00000	Averaged
71 1,1,1,2-Tetrachloroethane	1.10733	1.16154	1.16154	0.010	-4.89514	25.00000	Averaged
72 Ethylbenzene	1.75906	1.78495	1.78495	0.010	-1.47184	20.00000	Averaged
73 m + p-Xylene	2.10149	2.21713	2.21713	0.010	-5.50310	25.00000	Averaged
74 Xylene-o	2.25177	2.36868	2.36868	0.010	-5.19212	25.00000	Averaged
76 Styrene	3.58653	3.84168	3.84168	0.010	-7.11422	25.00000	Averaged
77 Bromoform	200	220	0.54908	0.100	-10.11095	0.000e+000	Quadratic
78 Isopropylbenzene	5.94880	6.44976	6.44976	0.010	-8.42122	25.00000	Averaged
79 Bromobenzene	0.76170	0.76343	0.76343	0.010	-0.22669	25.00000	Averaged
81 n-Propylbenzene	0.98920	0.97812	0.97812	0.010	1.12043	25.00000	Averaged
82 2-Chlorotoluene	0.83375	0.82820	0.82820	0.010	0.66557	25.00000	Averaged
83 1,1,2,2-Tetrachloroethane	0.50919	0.55160	0.55160	0.300	-8.32910	25.00000	Averaged
84 1,2,3-Trichloropropane	0.17108	0.17652	0.17652	0.010	-3.17985	25.00000	Averaged
85 4-Chlorotoluene	0.85573	0.84728	0.84728	0.010	0.98740	25.00000	Averaged
86 1,3,5-Trimethylbenzene	2.93739	3.04375	3.04375	0.010	-3.62102	25.00000	Averaged
87 tert-Butylbenzene	2.57335	2.66552	2.66552	0.010	-3.58190	25.00000	Averaged
88 1,2,4-Trimethylbenzene	3.01307	3.13590	3.13590	0.010	-4.07656	25.00000	Averaged
89 sec-Butylbenzene	3.84467	4.04261	4.04261	0.010	-5.14856	25.00000	Averaged
90 4-Isopropyltoluene	3.21747	3.40124	3.40124	0.010	-5.71145	25.00000	Averaged
91 1,3-Dichlorobenzene	1.59304	1.61965	1.61965	0.010	-1.66982	25.00000	Averaged
93 1,4-Dichlorobenzene	1.62526	1.63993	1.63993	0.010	-0.90295	25.00000	Averaged
94 n-Butylbenzene	3.19064	3.34562	3.34562	0.010	-4.85727	25.00000	Averaged
95 1,2-Dichlorobenzene	1.38815	1.42027	1.42027	0.010	-2.31386	25.00000	Averaged
96 1,2-Dibromo-3-chloropropane	200	228	0.08217	0.010	-14.17633	0.000e+000	Quadratic
97 1,2,4-Trichlorobenzene	0.93804	0.95117	0.95117	0.010	-1.39960	25.00000	Averaged
98 Hexachlorobutadiene	0.60339	0.60361	0.60361	0.010	-0.03645	25.00000	Averaged
99 Naphthalene	1.38072	1.49332	1.49332	0.010	-8.15509	25.00000	Averaged
100 1,2,3-Trichlorobenzene	0.66851	0.70028	0.70028	0.010	-4.75232	25.00000	Averaged
155 Methyl Acetate	0.11324	0.12164	0.12164	0.010	-7.42027	25.00000	Averaged
156 Cyclohexane	0.61512	0.66138	0.66138	0.010	-7.51997	25.00000	Averaged
157 Methyl Cyclohexane	0.61632	0.65919	0.65919	0.010	-6.95660	25.00000	Averaged
161 1,3,5-Trichlorobenzene	1.22518	1.28601	1.28601	0.010	-4.96506	50.00000	Averaged
M 75 Xylenes (total)	2.15158	2.26765	2.26765	0.010	-5.39461	25.00000	Averaged

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CONTINUING CALIBRATION COMPOUNDS

Instrument ID: hp4.i
Lab File ID: CC41217.D
Analysis Type: SOIL
Lab Sample ID: vstd40
Method: \\PITSVR06\D\chem\hp4.i\4121708d.b\8260bsoil.m

Injection Date: 17-DEC-2008 07:44
Init. Cal. Date(s): 15-DEC-2008 15-DEC-2008
Init. Cal. Times: 11:03 13:25
Quant Type: ISTD

COMPOUND	RRF / AMOUNT	RF40	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE
$ 39 Dibromofluoromethane	0.20686	0.21029	0.010	-1.65982	25.00000	Averaged
$ 43 1,2-Dichloroethane-d4	0.17339	0.16965	0.010	2.15432	25.00000	Averaged
$ 59 Toluene-d8	4.59170	4.98111	0.010	-8.48056	25.00000	Averaged
$ 80 Bromofluorobenzene	1.37461	1.34558	0.010	2.11196	25.00000	Averaged
1 Dichlorodifluoromethane	0.25753	0.25235	0.010	2.01025	25.00000	Averaged
2 Chloromethane	0.44039	0.38028	0.100	13.64883	25.00000	Averaged
3 Vinyl Chloride	0.33269	0.31356	0.010	5.74962	20.00000	Averaged
4 Bromomethane	0.06055	0.06061	0.010	-0.09452	25.00000	Averaged
5 Chloroethane	0.10387	0.09127	0.010	12.12482	25.00000	Averaged
10 1,1,2-trichloro-1,2,2-trifl	0.27840	0.28463	0.010	-2.23901	25.00000	Averaged
166 Trichlorofluoromethane	0.31623	0.29206	0.010	7.64413	25.00000	Averaged
12 1,1-Dichloroethene	0.27102	0.27552	0.010	-1.65998	20.00000	Averaged
13 Acetone	0.11505	0.09009	0.010	21.69524	25.00000	Averaged
156 Methyl Acetate	0.12631	0.10707	0.010	15.23159	25.00000	Averaged
15 Carbon Disulfide	0.86986	0.81956	0.010	5.78291	25.00000	Averaged
17 Acetonitrile	0.01269	0.01182	0.001	6.89661	25.00000	Averaged
18 Methylene Chloride	0.30130	0.26133	0.010	13.26728	25.00000	Averaged
19 trans-1,2-Dichloroethene	0.29901	0.31274	0.010	-4.58879	25.00000	Averaged
20 Methyl tert-butyl ether	0.51177	0.47786	0.010	6.62566	25.00000	Averaged
24 1,1-Dichloroethane	0.52233	0.51204	0.100	1.97067	25.00000	Averaged
27 2,2-Dichloropropane	0.36302	0.37139	0.010	-2.30463	25.00000	Averaged
28 cis-1,2-dichloroethene	0.30161	0.31117	0.010	-3.17194	25.00000	Averaged
M 29 1,2-Dichloroethene (total)	0.30031	0.31195	0.010	-3.87731	25.00000	Averaged
30 Bromochloromethane	0.10963	0.10644	0.010	2.90913	25.00000	Averaged
31 2-Butanone	0.11699	0.10273	0.010	12.19264	25.00000	Averaged
37 Chloroform	0.39931	0.39998	0.010	-0.16747	20.00000	Averaged
157 Cyclohexane	0.68252	0.68778	0.010	-0.77077	25.00000	Averaged
38 1,1,1-Trichloroethane	0.36041	0.37681	0.010	-4.55190	25.00000	Averaged
40 1,1-Dichloropropene	0.35275	0.37177	0.010	-5.39253	25.00000	Averaged
41 Carbon Tetrachloride	0.27039	0.28205	0.010	-4.31101	25.00000	Averaged
42 Benzene	1.07273	1.10985	0.010	-3.46032	25.00000	Averaged
45 1,2-Dichloroethane	0.23085	0.22104	0.010	4.25064	25.00000	Averaged
47 Trichloroethene	0.30009	0.32047	0.010	-6.79301	25.00000	Averaged
158 Methyl Cyclohexane	0.61081	0.63865	0.010	-4.55934	25.00000	Averaged
49 1,2-Dichloropropane	0.26005	0.25909	0.010	0.36699	20.00000	Averaged
50 Dibromomethane	0.09407	0.08947	0.010	4.88491	25.00000	Averaged
53 Bromodichloromethane	0.24092	0.22638	0.010	6.03595	25.00000	Averaged
57 cis-1,3-Dichloropropene	0.29777	0.28197	0.010	5.30428	25.00000	Averaged
58 4-Methyl-2-Pentanone	0.81984	0.75554	0.010	7.84326	25.00000	Averaged
60 Toluene	5.60403	6.16084	0.010	-9.93580	20.00000	Averaged
61 trans-1,3-Dichloropropene	1.06082	1.00551	0.010	5.21322	25.00000	Averaged
63 1,3-Dichloropropane	1.12306	1.10190	0.010	1.88474	25.00000	Averaged

TestAmerica Pittsburgh

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: hp4.i
Lab File ID: CC41217.D
Analysis Type: SOIL
Lab Sample ID: vstd40
Method: \\PITSVR06\D\chem\hp4.i\4121708d.b\8260bsoil.m

Injection Date: 17-DEC-2008 07:44
Init. Cal. Date(s): 15-DEC-2008 15-DEC-2008
Init. Cal. Times: 11:03 13:25
Quant Type: ISTD

COMPOUND	RRF / AMOUNT	RF40	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE
64 1,1,2-Trichloroethane	0.71672	0.68730	0.010	4.10556	25.00000	Averaged
65 Tetrachloroethene	1.10121	1.32155	0.010	-20.00942	25.00000	Averaged
66 2-Hexanone	0.64089	0.56212	0.010	12.29123	25.00000	Averaged
67 Dibromochloromethane	0.61548	0.59064	0.010	4.03536	25.00000	Averaged
68 1,2-Dibromoethane	0.61660	0.59958	0.010	2.76012	25.00000	Averaged
70 Chlorobenzene	3.18046	3.45101	0.300	-8.50657	25.00000	Averaged
71 1,1,1,2-Tetrachloroethane	0.97700	0.99816	0.010	-2.16586	25.00000	Averaged
72 Ethylbenzene	1.98789	2.24530	0.010	-12.94902	20.00000	Averaged
73 m + p-Xylene	2.40426	2.70072	0.010	-12.33082	25.00000	Averaged
74 Xylene-o	2.41759	2.65678	0.010	-9.89373	25.00000	Averaged
76 Styrene	3.38092	3.59822	0.010	-6.42712	25.00000	Averaged
77 Bromoform	0.29235	0.25663	0.100	12.21824	25.00000	Averaged
78 Isopropylbenzene	6.91533	7.61592	0.010	-10.13101	25.00000	Averaged
79 Bromobenzene	0.79186	0.81452	0.010	-2.86141	25.00000	Averaged
81 n-Propylbenzene	1.28797	1.37396	0.010	-6.67636	25.00000	Averaged
82 2-Chlorotoluene	0.98454	1.05036	0.010	-6.68530	25.00000	Averaged
83 1,1,2,2-Tetrachloroethane	0.82115	0.77442	0.300	5.69166	25.00000	Averaged
84 1,2,3-Trichloropropane	0.15456	0.13949	0.010	9.75260	25.00000	Averaged
85 4-Chlorotoluene	0.93418	1.01435	0.010	-8.58182	25.00000	Averaged
86 1,3,5-Trimethylbenzene	3.58560	3.84506	0.010	-7.23594	25.00000	Averaged
87 tert-Butylbenzene	3.51637	3.82136	0.010	-8.67342	25.00000	Averaged
88 1,2,4-Trimethylbenzene	3.51278	3.70949	0.010	-5.60001	25.00000	Averaged
89 sec-Butylbenzene	5.33447	5.74634	0.010	-7.72094	25.00000	Averaged
90 4-Isopropyltoluene	4.15609	4.55484	0.010	-9.59421	25.00000	Averaged
91 1,3-Dichlorobenzene	1.73381	1.83963	0.010	-6.10286	25.00000	Averaged
93 1,4-Dichlorobenzene	1.69299	1.79450	0.010	-5.99574	25.00000	Averaged
94 n-Butylbenzene	3.88084	4.12226	0.010	-6.22076	25.00000	Averaged
95 1,2-Dichlorobenzene	1.51254	1.55840	0.010	-3.03246	25.00000	Averaged
96 1,2-Dibromo-3-chloropropane	0.07421	0.05842	0.010	21.28275	25.00000	Averaged
97 1,2,4-Trichlorobenzene	0.82186	0.82568	0.010	-0.46449	25.00000	Averaged
98 Hexachlorobutadiene	0.59649	0.65870	0.010	-10.43029	25.00000	Averaged
100 1,2,3-Trichlorobenzene	0.58338	0.48669	0.010	16.57395	25.00000	Averaged
165 1,3,5-Trichlorobenzene	1.21358	1.36830	0.010	-12.74910	50.00000	Averaged
M 75 Xylenes (total)	2.40870	2.68608	0.010	-11.51546	25.00000	Averaged

TestAmerica Pittsburgh

Semivolatile REPORT SW-846 Method 8270

Data file : \\PITSVR06\D\chem\733.i\N112308.b\N1123STV.D
Lab Smp Id: stdver20 Client Smp ID: STDVER20
Inj Date : 24-NOV-2008 01:38
Operator : 3200 Inst ID: 733.i
Smp Info : STDVER20(10ug/ml) BNA0669-08 8270c
Misc Info : stdver20,N112308.b,827011.m,padep.sub
Comment :
Method : \\PITSVR06\D\chem\733.i\N112308.b\827011.m
Meth Date : 24-Nov-2008 01:45 piccolinov Quant Type: ISTD
Cal Date : 24-NOV-2008 01:18 Cal File: N1123IC7.D
Als bottle: 97
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: padep.sub
Target Version: 4.14
Processing Host: PITPC-502

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (NG)	FINAL (NG)
* 1 1,4-Dichlorobenzene-d4	152	4.501	4.498	(1.000)	125795	8.00000	
* 2 Naphthalene-d8	136	5.468	5.470	(1.000)	625082	8.00000	
* 3 Acenaphthene-d10	164	6.814	6.811	(1.000)	496982	8.00000	
* 4 Phenanthrene-d10	188	7.952	7.954	(1.000)	862594	8.00000	
* 5 Chrysene-d12	240	9.982	9.990	(1.000)	682926	8.00000	
* 6 Perylene-d12	264	11.344	11.347	(1.000)	540507	8.00000	
198 1,4-Dioxane	88	1.317	1.320	(0.293)	66208	19.1076	19.108
10 N-Nitrosodimethylamine	74	1.782	1.790	(0.396)	88823	19.9886	19.989
9 Pyridine	79	1.809	1.806	(0.402)	192150	22.9230	22.923
16 Methyl methanesulfonate	80	3.299	3.307	(0.733)	153251	20.9638	20.964
206 Benzaldehyde	77	4.154	4.156	(0.923)	265998	21.7836	21.784
21 Aniline	93	4.239	4.247	(0.942)	598305	24.5477	24.548
22 Phenol	94	4.239	4.247	(0.942)	473547	20.0615	20.061
23 bis(2-Chloroethyl)ether	93	4.298	4.306	(0.955)	328787	18.6223	18.622
24 2-Chlorophenol	128	4.335	4.338	(0.963)	407946	20.1727	20.173
26 1,3-Dichlorobenzene	146	4.453	4.455	(0.989)	476135	18.6896	18.690
27 1,4-Dichlorobenzene	146	4.512	4.514	(1.002)	501750	19.2564	19.256
28 1,2-Dichlorobenzene	146	4.629	4.632	(1.028)	477343	19.3007	19.301
29 Benzyl Alcohol	108	4.608	4.610	(1.024)	307159	22.6647	22.665
30 2-Methylphenol	108	4.699	4.706	(1.044)	378127	18.6231	18.623
31 2,2'-oxybis(1-Chloropropane)	45	4.715	4.717	(1.047)	447055	16.4052	16.405
37 Acetophenone	105	4.805	4.808	(1.068)	573730	18.9733	18.973
32 N-Nitroso-di-n-propylamine	70	4.811	4.819	(1.069)	238690	18.8551	18.855
192 4-Methylphenol	108	4.811	4.819	(1.069)	398015	19.0591	19.059
34 Hexachloroethane	117	4.891	4.893	(1.087)	225973	19.7849	19.785
35 Nitrobenzene	77	4.934	4.936	(0.902)	427106	19.4985	19.498
41 Isophorone	82	5.115	5.123	(0.936)	821845	19.6399	19.640
42 2-Nitrophenol	139	5.179	5.182	(0.947)	270664	21.5822	21.582
43 2,4-Dimethylphenol	107	5.217	5.219	(0.954)	463436	19.1739	19.174
44 bis(2-Chloroethoxy)methane	93	5.286	5.289	(0.967)	527283	19.4637	19.464
48 2,4-Dichlorophenol	162	5.361	5.364	(0.980)	462264	20.3288	20.329
49 Benzoic Acid	122	5.270	5.315	(0.964)	248676	19.2203	19.220(MH)
50 1,2,4-Trichlorobenzene	180	5.431	5.433	(0.993)	495126	19.7515	19.751

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (NG)	CONCENTRATIONS FINAL (NG)
51 Naphthalene	128	5.484	5.492	(1.003)	1460241	19.1408	19.141
52 4-Chloroaniline	127	5.527	5.529	(1.011)	608961	19.7748	19.775
54 2,6-Dichlorophenol	162	5.532	5.540	(1.012)	494529	20.3960	20.396
56 Hexachlorobutadiene	225	5.591	5.593	(1.022)	281427	18.7032	18.703
208 Caprolactam	113	5.772	5.802	(1.056)	149894	21.8624	21.862
59 4-Chloro-3-Methylphenol	107	5.895	5.898	(1.078)	468990	19.9658	19.966
62 2-Methylnaphthalene	142	6.013	6.015	(1.100)	1137276	19.5281	19.528
63 1-Methylnaphthalene	142	6.088	6.095	(1.113)	1136319	19.2392	19.239
64 Hexachlorocyclopentadiene	237	6.141	6.143	(0.901)	316147	20.3800	20.380
66 2,4,6-Trichlorophenol	196	6.227	6.234	(0.914)	386891	20.8678	20.868
67 2,4,5-Trichlorophenol	196	6.253	6.261	(0.918)	409896	19.6963	19.696
209 1,1'-Biphenyl	154	6.371	6.373	(0.935)	1440057	19.8378	19.838
70 2-Chloronaphthalene	162	6.387	6.389	(0.937)	1201188	19.7701	19.770
73 2-Nitroaniline	65	6.456	6.459	(0.947)	315778	20.5231	20.523
76 Dimethylphthalate	163	6.595	6.603	(0.968)	1305510	19.7642	19.764
78 2,6-Dinitrotoluene	165	6.638	6.646	(0.974)	300348	21.2636	21.264
79 Acenaphthylene	152	6.702	6.704	(0.984)	1945839	19.5581	19.558
81 3-Nitroaniline	138	6.766	6.774	(0.993)	380903	21.4412	21.441
82 Acenaphthene	153	6.836	6.838	(1.003)	1152762	19.4214	19.421
83 2,4-Dinitrophenol	184	6.846	6.854	(1.005)	113716	20.5998	20.600
85 4-Nitrophenol	109	6.889	6.897	(1.011)	164572	22.2686	22.269
86 Dibenzofuran	168	6.969	6.971	(1.023)	1870723	19.7116	19.712
87 2,4-Dinitrotoluene	165	6.948	6.955	(1.020)	403410	20.9281	20.928
91 2,3,5,6-Tetrachlorophenol	232	7.028	7.030	(1.031)	350873	20.3023	20.302
88 2,3,4,6-Tetrachlorophenol	232	7.060	7.068	(1.036)	376802	21.0776	21.078
92 2-Naphthylamine	143	7.081	7.089	(1.039)	1293963	38.0151	38.015
93 Diethylphthalate	149	7.135	7.137	(1.047)	1375222	19.8944	19.894
94 Fluorene	166	7.231	7.233	(1.061)	1339878	19.3201	19.320
95 4-Chlorophenyl-phenylether	204	7.225	7.228	(1.060)	647991	18.8365	18.836
96 4-Nitroaniline	138	7.231	7.244	(1.061)	335444	19.3202	19.320
98 4,6-Dinitro-2-methylphenol	198	7.263	7.265	(0.913)	200028	20.6435	20.644
99 N-Nitrosodiphenylamine (1)	169	7.316	7.319	(0.920)	1048924	19.5088	19.509
100 1,2-Diphenylhydrazine	77	7.348	7.351	(0.924)	1517208	20.4616	20.462
106 4-Bromophenyl-phenylether	248	7.599	7.602	(0.956)	415045	20.5137	20.514
107 Hexachlorobenzene	284	7.658	7.666	(0.963)	443801	20.0640	20.064
210 Atrazine	200	7.717	7.719	(0.970)	394852	35.6702	35.670
111 Pentachlorophenol	266	7.802	7.805	(0.981)	268063	19.9390	19.939
115 Phenanthrene	178	7.968	7.970	(1.002)	2116710	18.7173	18.717
116 Anthracene	178	8.005	8.008	(1.007)	2258873	20.3456	20.346
119 Carbazole	167	8.123	8.131	(1.021)	2201687	20.4402	20.440
120 Di-n-Butylphthalate	149	8.379	8.382	(1.054)	2678490	21.4052	21.405
123 Fluoranthene	202	8.882	8.884	(1.117)	2432167	20.2620	20.262
124 Benzidine	184	8.972	8.975	(0.899)	1201373	31.1564	31.156
125 Pyrene	202	9.058	9.066	(0.907)	2518644	20.3446	20.344
131 Butylbenzylphthalate	149	9.523	9.525	(0.954)	1123797	22.0043	22.004
135 3,3'-Dichlorobenzidine	252	9.939	9.942	(0.996)	713299	21.3504	21.350
136 Benzo(a)Anthracene	228	9.971	9.979	(0.999)	2050090	20.4676	20.468
137 Chrysene	228	10.003	10.006	(1.002)	1971534	19.9114	19.911
139 bis(2-ethylhexyl)Phthalate	149	9.950	9.952	(0.997)	1567796	21.3908	21.391
140 Di-n-octylphthalate	149	10.468	10.471	(0.923)	3136506	22.4943	22.494
141 Benzo(b)fluoranthene	252	10.928	10.941	(0.963)	2087101	20.4947	20.495
142 Benzo(k)fluoranthene	252	10.954	10.967	(0.966)	2064780	20.0457	20.046
143 7,12-dimethylbenz(a)anthracen	256	10.912	10.925	(0.962)	916511	20.9347	20.935
146 Benzo(a)pyrene	252	11.280	11.288	(0.994)	1778604	21.3456	21.346

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (NG)	CONCENTRATIONS FINAL (NG)
149 Indeno(1,2,3-cd)pyrene	276	12.728	12.736	(1.122)	1844009	20.8014	20.801
150 Dibenz(a,h)anthracene	278	12.733	12.752	(1.122)	1538112	20.3955	20.395
151 Benzo(g,h,i)perylene	276	13.139	13.158	(1.158)	1550598	20.3183	20.318
$ 154 Nitrobenzene-d5	82	Compound Not Detected.					
$ 155 2-Fluorobiphenyl	172	Compound Not Detected.					
$ 156 Terphenyl-d14	244	Compound Not Detected.					
$ 157 Phenol-d5	99	Compound Not Detected.					
$ 158 2-Fluorophenol	112	Compound Not Detected.					
$ 159 2,4,6-Tribromophenol	329	Compound Not Detected.					
$ 186 2-Chlorophenol-d4	132	Compound Not Detected.					
$ 187 1,2-Dichlorobenzene-d4	152	Compound Not Detected.					

QC Flag Legend

M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

TestAmerica Pittsburgh

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: 733.i
Lab File ID: N12130CC.D
Analysis Type:
Lab Sample ID: sstd4.0
Method: \\PITSVR06\D\chem\733.i\N121308.b\827011.m

Injection Date: 13-DEC-2008 07:16
Init. Cal. Date(s): 30-OCT-2008 24-NOV-2008
Init. Cal. Times: 04:17 01:18
Quant Type: ISTD

COMPOUND	RRF / AMOUNT	RF4	CCAL RRF4	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE	
198 1,4-Dioxane	0.22036	0.27619	0.27619	0.010	-25.33556	25.00000	Averaged	<-
10 N-Nitrosodimethylamine	0.28260	0.31468	0.31468	0.010	-11.35138	25.00000	Averaged	
9 Pyridine	0.53308	0.59336	0.59336	0.010	-11.30652	25.00000	Averaged	
16 Methyl methanesulfonate	0.46490	0.49475	0.49475	0.010	-6.42104	25.00000	Averaged	
206 Benzaldehyde	4.00000	3.34405	0.49097	0.010	16.39875	0.000e+000	Quadratic	
21 Aniline	1.55003	1.54237	1.54237	0.010	0.49364	25.00000	Averaged	
22 Phenol	1.50116	1.68585	1.68585	0.010	-12.30305	20.00000	Averaged	
23 bis(2-Chloroethyl)ether	1.12281	1.16834	1.16834	0.010	-4.05464	25.00000	Averaged	
24 2-Chlorophenol	1.28607	1.36676	1.36676	0.010	-6.27391	25.00000	Averaged	
26 1,3-Dichlorobenzene	1.62015	1.65106	1.65106	0.010	-1.90767	25.00000	Averaged	
27 1,4-Dichlorobenzene	1.65706	1.69560	1.69560	0.010	-2.32582	20.00000	Averaged	
28 1,2-Dichlorobenzene	1.57284	1.61794	1.61794	0.010	-2.86797	25.00000	Averaged	
29 Benzyl Alcohol	0.86187	0.80282	0.80282	0.010	6.85119	25.00000	Averaged	
30 2-Methylphenol	1.29126	1.34134	1.34134	0.010	-3.87855	25.00000	Averaged	
31 2,2'-oxybis(1-Chloropropane	1.73303	2.01263	2.01263	0.010	-16.13391	25.00000	Averaged	
37 Acetophenone	1.92305	1.97867	1.97867	0.010	-2.89212	25.00000	Averaged	
32 N-Nitroso-di-n-propylamine	0.80507	0.86750	0.86750	0.050	-7.75538	50.00000	Averaged	
192 4-Methylphenol	1.32807	1.38447	1.38447	0.010	-4.24648	25.00000	Averaged	
34 Hexachloroethane	0.72636	0.74490	0.74490	0.010	-2.55277	25.00000	Averaged	
35 Nitrobenzene	0.28034	0.31738	0.31738	0.010	-13.21327	25.00000	Averaged	
41 Isophorone	0.53555	0.54273	0.54273	0.010	-1.33927	25.00000	Averaged	
42 2-Nitrophenol	0.16050	0.17449	0.17449	0.010	-8.71045	20.00000	Averaged	
43 2,4-Dimethylphenol	0.30934	0.32468	0.32468	0.010	-4.95996	25.00000	Averaged	
44 bis(2-Chloroethoxy)methane	0.34671	0.34011	0.34011	0.010	1.90618	25.00000	Averaged	
48 2,4-Dichlorophenol	0.29103	0.29899	0.29899	0.010	-2.73559	20.00000	Averaged	
49 Benzoic Acid	10.00000	10.57859	0.15076	0.010	-5.78589	0.000e+000	Quadratic	
50 1,2,4-Trichlorobenzene	0.32083	0.33078	0.33078	0.010	-3.10178	25.00000	Averaged	
51 Naphthalene	0.97638	0.99798	0.99798	0.010	-2.21313	25.00000	Averaged	
52 4-Chloroaniline	0.39412	0.38449	0.38449	0.010	2.44434	25.00000	Averaged	
54 2,6-Dichlorophenol	0.31031	0.33017	0.33017	0.010	-6.39929	25.00000	Averaged	
56 Hexachlorobutadiene	0.19258	0.19806	0.19806	0.010	-2.84896	20.00000	Averaged	
208 Caprolactam	0.08775	0.08501	0.08501	0.010	3.12610	25.00000	Averaged	
59 4-Chloro-3-Methylphenol	0.30063	0.29081	0.29081	0.010	3.26445	20.00000	Averaged	
62 2-Methylnaphthalene	0.74535	0.71382	0.71382	0.010	4.22959	25.00000	Averaged	
63 1-Methylnaphthalene	0.75590	0.71041	0.71041	0.010	6.01836	25.00000	Averaged	
64 Hexachlorocyclopentadiene	0.24971	0.24347	0.24347	0.050	2.49781	50.00000	Averaged	
66 2,4,6-Trichlorophenol	0.29844	0.32719	0.32719	0.010	-9.63241	20.00000	Averaged	
67 2,4,5-Trichlorophenol	0.33500	0.34363	0.34363	0.010	-2.57823	25.00000	Averaged	
209 1,1'-Biphenyl	1.16852	1.31616	1.31616	0.010	-12.63456	25.00000	Averaged	
70 2-Chloronaphthalene	0.97803	1.08975	1.08975	0.010	-11.42334	25.00000	Averaged	
73 2-Nitroaniline	0.24768	0.30037	0.30037	0.010	-21.27506	25.00000	Averaged	
76 Dimethylphthalate	1.06329	1.12356	1.12356	0.010	-5.66893	25.00000	Averaged	

TestAmerica Pittsburgh

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: 733.i
Lab File ID: N12130CC.D
Analysis Type:
Lab Sample ID: sstd4.0
Method: \\PITSVR06\D\chem\733.i\N121308.b\827011.m

Injection Date: 13-DEC-2008 07:16
Init. Cal. Date(s): 30-OCT-2008 24-NOV-2008
Init. Cal. Times: 04:17 01:18
Quant Type: ISTD

COMPOUND	RRF / AMOUNT	RF4	CCAL RRF4	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE
78 2,6-Dinitrotoluene	0.22737	0.23201	0.23201	0.010	-2.04053	25.00000	Averaged
79 Acenaphthylene	1.60151	1.66839	1.66839	0.010	-4.17577	25.00000	Averaged
81 3-Nitroaniline	0.28597	0.29949	0.29949	0.010	-4.72835	25.00000	Averaged
82 Acenaphthene	0.95545	1.00959	1.00959	0.010	-5.66620	20.00000	Averaged
83 2,4-Dinitrophenol	10.00000	13.71725	0.10392	0.050	-37.17245	0.000e+000	Quadratic
85 4-Nitrophenol	0.11896	0.15500	0.15500	0.050	-30.29592	50.00000	Averaged
86 Dibenzofuran	1.52770	1.61732	1.61732	0.010	-5.86652	25.00000	Averaged
87 2,4-Dinitrotoluene	0.31029	0.32380	0.32380	0.010	-4.35465	25.00000	Averaged
91 2,3,5,6-Tetrachlorophenol	0.27820	0.29945	0.29945	0.010	-7.63824	25.00000	Averaged
88 2,3,4,6-Tetrachlorophenol	0.28777	0.30834	0.30834	0.010	-7.14998	25.00000	Averaged
92 2-Naphthylamine	0.54792	0.45299	0.45299	0.010	17.32528	25.00000	Averaged
93 Diethylphthalate	1.11273	1.13721	1.13721	0.010	-2.20009	25.00000	Averaged
94 Fluorene	4.00000	3.92085	1.24597	0.010	1.97867	0.000e+000	Quadratic
95 4-Chlorophenyl-phenylether	0.55376	0.58608	0.58608	0.010	-5.83642	25.00000	Averaged
96 4-Nitroaniline	0.27948	0.30612	0.30612	0.010	-9.53142	25.00000	Averaged
98 4,6-Dinitro-2-methylphenol	10.00000	12.27799	0.09680	0.010	-22.77992	0.000e+000	Quadratic
99 N-Nitrosodiphenylamine (1)	0.49865	0.51332	0.51332	0.010	-2.94226	20.00000	Averaged
100 1,2-Diphenylhydrazine	0.68769	0.76627	0.76627	0.010	-11.42764	25.00000	Averaged
106 4-Bromophenyl-phenylether	0.18764	0.19025	0.19025	0.010	-1.38905	25.00000	Averaged
107 Hexachlorobenzene	0.20514	0.21205	0.21205	0.010	-3.36498	25.00000	Averaged
210 Atrazine	0.10266	0.10583	0.10583	0.010	-3.08711	25.00000	Averaged
111 Pentachlorophenol	10.00000	11.44433	0.13572	0.010	-14.44335	0.000e+000	Quadratic
115 Phenanthrene	1.04882	1.02966	1.02966	0.010	1.82722	25.00000	Averaged
116 Anthracene	1.02969	1.05773	1.05773	0.010	-2.72308	25.00000	Averaged
119 Carbazole	0.99897	1.02388	1.02388	0.010	-2.49336	25.00000	Averaged
120 Di-n-Butylphthalate	1.16053	1.22457	1.22457	0.010	-5.51841	25.00000	Averaged
123 Fluoranthene	1.11326	1.16902	1.16902	0.010	-5.00917	20.00000	Averaged
124 Benzidine	4.00000	1.90970	0.04438	0.010	52.25750	0.000e+000	Quadratic N/A
125 Pyrene	1.45022	1.28992	1.28992	0.010	11.05360	25.00000	Averaged
131 Butylbenzylphthalate	0.59827	0.61711	0.61711	0.010	-3.14827	25.00000	Averaged
135 3,3'-Dichlorobenzidine	0.39136	0.37683	0.37683	0.010	3.71442	25.00000	Averaged
136 Benzo(a)Anthracene	1.17334	1.17840	1.17840	0.010	-0.43110	25.00000	Averaged
137 Chrysene	1.15989	1.12531	1.12531	0.010	2.98163	25.00000	Averaged
139 bis(2-ethylhexyl)Phthalate	0.85858	0.84340	0.84340	0.010	1.76829	25.00000	Averaged
140 Di-n-octylphthalate	2.06377	1.69349	1.69349	0.010	17.94195	20.00000	Averaged
141 Benzo(b)fluoranthene	1.50726	1.35160	1.35160	0.010	10.32753	25.00000	Averaged
142 Benzo(k)fluoranthene	1.52455	1.56326	1.56326	0.010	-2.53928	25.00000	Averaged
143 7,12-dimethylbenz(a)anthrac	0.64798	0.59147	0.59147	0.010	8.72106	25.00000	Averaged
146 Benzo(a)pyrene	1.23327	1.21633	1.21633	0.010	1.37349	20.00000	Averaged
149 Indeno(1,2,3-cd)pyrene	1.31207	1.51236	1.51236	0.010	-15.26504	25.00000	Averaged
150 Dibenz(a,h)anthracene	1.11620	1.26328	1.26328	0.010	-13.17715	25.00000	Averaged
151 Benzo(g,h,i)perylene	1.12954	1.34569	1.34569	0.010	-19.13616	25.00000	Averaged

TestAmerica Pittsburgh

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: 733.i Injection Date: 13-DEC-2008 07:16
Lab File ID: N12130CC.D Init. Cal. Date(s): 30-OCT-2008 24-NOV-2008
Analysis Type: Init. Cal. Times: 04:17 01:18
Lab Sample ID: sstd4.0 Quant Type: ISTD
Method: \\PITSVR06\D\chem\733.i\N121308.b\827011.m

COMPOUND	RRF / AMOUNT	RF4	CCAL RRF4	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE
$ 154 Nitrobenzene-d5	0.27834	0.30666	0.30666	0.010	-10.17698	25.00000	Averaged
$ 155 2-Fluorobiphenyl	1.04579	1.14469	1.14469	0.010	-9.45653	25.00000	Averaged
$ 156 Terphenyl-d14	0.85789	0.78998	0.78998	0.010	7.91580	25.00000	Averaged
$ 157 Phenol-d5	1.35311	1.50338	1.50338	0.010	-11.10508	25.00000	Averaged
$ 158 2-Fluorophenol	1.01068	1.05077	1.05077	0.010	-3.96648	25.00000	Averaged
$ 159 2,4,6-Tribromophenol	0.08634	0.09955	0.09955	0.010	-15.29670	25.00000	Averaged
$ 186 2-Chlorophenol-d4	1.44807	1.52468	1.52468	0.010	-5.29030	25.00000	Averaged
$ 187 1,2-Dichlorobenzene-d4	0.97710	1.01149	1.01149	0.010	-3.51927	25.00000	Averaged

METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: C8L110357 **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: C8L120000-504 **Prep Batch #...:** 8347504						
Silver	ND	0.50	mg/kg	SW846 6010B	12/12-12/23/08	K4MR21AA
		Dilution Factor: 1				
		Analysis Time..: 18:30		Analyst ID.....: 022952	Instrument ID..: TRA	
Aluminum	ND	20.0	mg/kg	SW846 6010B	12/12-12/23/08	K4MR21AC
		Dilution Factor: 1				
		Analysis Time..: 18:30		Analyst ID.....: 022952	Instrument ID..: TRA	
Arsenic	ND	1.0	mg/kg	SW846 6010B	12/12-12/23/08	K4MR21AD
		Dilution Factor: 1				
		Analysis Time..: 18:30		Analyst ID.....: 022952	Instrument ID..: TRA	
Barium	ND	20.0	mg/kg	SW846 6010B	12/12-12/23/08	K4MR21AE
		Dilution Factor: 1				
		Analysis Time..: 18:30		Analyst ID.....: 022952	Instrument ID..: TRA	
Beryllium	**0.018 B**	**0.40**	**mg/kg**	**SW846 6010B**	**12/12-12/23/08**	**K4MR21AF**
		Dilution Factor: 1				
		Analysis Time..: 18:30		Analyst ID.....: 022952	Instrument ID..: TRA	
Calcium	ND	500	mg/kg	SW846 6010B	12/12-12/23/08	K4MR21AG
		Dilution Factor: 1				
		Analysis Time..: 18:30		Analyst ID.....: 022952	Instrument ID..: TRA	
Cadmium	ND	0.50	mg/kg	SW846 6010B	12/12-12/23/08	K4MR21AH
		Dilution Factor: 1				
		Analysis Time..: 18:30		Analyst ID.....: 022952	Instrument ID..: TRA	
Cobalt	ND	5.0	mg/kg	SW846 6010B	12/12-12/23/08	K4MR21AJ
		Dilution Factor: 1				
		Analysis Time..: 18:30		Analyst ID.....: 022952	Instrument ID..: TRA	
Chromium	ND	0.50	mg/kg	SW846 6010B	12/12-12/23/08	K4MR21AK
		Dilution Factor: 1				
		Analysis Time..: 18:30		Analyst ID.....: 022952	Instrument ID..: TRA	
Copper	ND	2.5	mg/kg	SW846 6010B	12/12-12/23/08	K4MR21AL
		Dilution Factor: 1				
		Analysis Time..: 18:30		Analyst ID.....: 022952	Instrument ID..: TRA	
Iron	ND	10.0	mg/kg	SW846 6010B	12/12-12/23/08	K4MR21AM
		Dilution Factor: 1				
		Analysis Time..: 18:30		Analyst ID.....: 022952	Instrument ID..: TRA	

(Continued on next page)

METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: C8L110357 **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Potassium	ND	500	mg/kg	SW846 6010B	12/12-12/23/08	K4MR21AN
		Dilution Factor: 1				
		Analysis Time..: 18:30		Analyst ID.....: 022952	Instrument ID..: TRA	
Magnesium	ND	500	mg/kg	SW846 6010B	12/12-12/23/08	K4MR21AP
		Dilution Factor: 1				
		Analysis Time..: 18:30		Analyst ID.....: 022952	Instrument ID..: TRA	
Manganese	ND	1.5	mg/kg	SW846 6010B	12/12-12/23/08	K4MR21AQ
		Dilution Factor: 1				
		Analysis Time..: 18:30		Analyst ID.....: 022952	Instrument ID..: TRA	
Sodium	ND	500	mg/kg	SW846 6010B	12/12-12/23/08	K4MR21AR
		Dilution Factor: 1				
		Analysis Time..: 18:30		Analyst ID.....: 022952	Instrument ID..: TRA	
Nickel	ND	4.0	mg/kg	SW846 6010B	12/12-12/23/08	K4MR21AT
		Dilution Factor: 1				
		Analysis Time..: 18:30		Analyst ID.....: 022952	Instrument ID..: TRA	
Lead	ND	0.30	mg/kg	SW846 6010B	12/12-12/23/08	K4MR21AU
		Dilution Factor: 1				
		Analysis Time..: 18:30		Analyst ID.....: 022952	Instrument ID..: TRA	
Selenium	ND	0.50	mg/kg	SW846 6010B	12/12-12/23/08	K4MR21AV
		Dilution Factor: 1				
		Analysis Time..: 18:30		Analyst ID.....: 022952	Instrument ID..: TRA	
Thallium	ND	1.0	mg/kg	SW846 6010B	12/12-12/23/08	K4MR21AW
		Dilution Factor: 1				
		Analysis Time..: 18:30		Analyst ID.....: 022952	Instrument ID..: TRA	
Antimony	ND	1.0	mg/kg	SW846 6010B	12/12-12/23/08	K4MR21AX
		Dilution Factor: 1				
		Analysis Time..: 18:30		Analyst ID.....: 022952	Instrument ID..: TRA	
Vanadium	ND	5.0	mg/kg	SW846 6010B	12/12-12/23/08	K4MR21A0
		Dilution Factor: 1				
		Analysis Time..: 18:30		Analyst ID.....: 022952	Instrument ID..: TRA	
Zinc	**0.38 B**	**2.0**	**mg/kg**	**SW846 6010B**	**12/12-12/23/08**	**K4MR21A1**
		Dilution Factor: 1				
		Analysis Time..: 18:30		Analyst ID.....: 022952	Instrument ID..: TRA	

(Continued on next page)

METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: C8L110357 **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: C8L160000-215 **Prep Batch #...:** 8351215						
Mercury	ND	0.033	mg/kg	SW846 7471A	12/16/08	K4Q4L1AA

Dilution Factor: 1
Analysis Time..: 15:07 Analyst ID.....: 403938 Instrument ID..: HGH

NOTE(S):

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

B Estimated result. Result is less than RL.

TestAmerica Pittsburgh

Metals Data Reporting Form

Initial Calibration Blank Results

Instrument: ICPST **Units:** ug/L

Chart Number: T81223A.ARC

Standard Source: _____ **Standard ID:** _____

Element	WL/ Mass	Report Limit	ICB1 12/23/2008 8:53 AM Found	Q	Found	Q	Found	Q	Found	Q	Found	Q
Aluminum	308.215	200	24.0	U								
Antimony	220.353	10	2.1	U								
Arsenic	189.042	10	2.9	U								
Barium	493.409	200	0.8	U								
Beryllium	313.042	4	**0.5**	**B**								
Cadmium	226.502	5	0.2	U								
Calcium	317.933	6000	17.0	U								
Chromium	267.716	5	0.6	U								
Cobalt	228.616	50	0.8	U								
Copper	324.753	25	2.6	U								
Iron	271.441	100	12.9	U								
Lead	220.353	3	1.6	U								
Magnesium	279.078	5000	20.9	U								
Manganese	257.61	15	0.6	U								
Nickel	231.604	40	1.4	U								
Potassium	766.491	5000	750.0	U								
Selenium	220.353	5	1.7	U								
Silver	328.068	200	0.7	U								
Sodium	330.232	5000	**-600.0**	**B**								
Thallium	190.864	10	3.1	U								
Vanadium	292.402	50	2.4	U								
Zinc	213.856	20	1.8	U								

U Result is less than the MDL
B Result is between MDL and RL

Form 3 Equivalent

TestAmerica Pittsburgh

Metals Data Reporting Form

Continuing Calibration Blank Result

Instrument: ICPST **Units:** ug/L

Chart Number: T81223A.ARC

Standard Source: _____ **Standard ID:** _____

Element	WL/ Mass	Report Limit	CCB1 12/23/2008 9:20 AM Found	Q	CCB2 12/23/2008 10:32 AM Found	Q	CCB3 12/23/2008 11:39 AM Found	Q	CCB4 12/23/2008 12:53 PM Found	Q	CCB5 12/23/2008 1:59 PM Found	Q
Aluminum	308.215	200	24.0	U	24.0	U	24.0	U	24.0	U	24.0	U
Antimony	220.353	10	2.1	U	2.1	U	2.1	U	2.1	U	2.1	U
Arsenic	189.042	10	2.9	U	2.9	U	2.9	U	2.9	U	2.9	U
Barium	493.409	200	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U
Beryllium	313.042	4	**0.3**	**B**	**0.2**	**B**	**0.4**	**B**	**0.3**	**B**	**0.4**	**B**
Cadmium	226.502	5	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
Calcium	317.933	6000	17.0	U	17.0	U	17.0	U	**34.8**	**B**	17.0	U
Chromium	267.716	5	0.6	U	0.6	U	0.6	U	0.6	U	0.6	U
Cobalt	228.616	50	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U
Copper	324.753	25	2.6	U	2.6	U	2.6	U	2.6	U	2.6	U
Iron	271.441	100	12.9	U	12.9	U	12.9	U	12.9	U	12.9	U
Lead	220.353	3	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U
Magnesium	279.078	5000	20.9	U	20.9	U	20.9	U	20.9	U	20.9	U
Manganese	257.61	15	0.6	U	0.6	U	0.6	U	0.6	U	0.6	U
Nickel	231.604	40	1.4	U	1.4	U	1.4	U	1.4	U	1.4	U
Potassium	766.491	5000	750.0	U	750.0	U	750.0	U	750.0	U	750.0	U
Selenium	220.353	5	**2.1**	**B**	1.7	U	1.7	U	1.7	U	1.7	U
Silver	328.068	200	0.7	U	0.7	U	0.7	U	0.7	U	0.7	U
Sodium	330.232	5000	**-510.0**	**B**	**-480.0**	**B**	**-490.0**	**B**	145.0	U	**-480.0**	**B**
Thallium	190.864	10	3.1	U	**3.1**	**B**	3.1	U	3.1	U	3.1	U
Vanadium	292.402	50	2.4	U	2.4	U	2.4	U	2.4	U	2.4	U
Zinc	213.856	20	**2.2**	**B**	**2.0**	**B**	1.8	U	1.8	U	1.8	U

TestAmerica Pittsburgh

Metals Data Reporting Form

Continuing Calibration Blank Result

Instrument: ICPST **Units:** ug/L

Chart Number: T81223A.ARC

Standard Source: _____ **Standard ID:** _____

Element	WL/ Mass	Report Limit	CCB6 12/23/2008 3:07 PM Found	Q	CCB7 12/23/2008 4:13 PM Found	Q	CCB8 12/23/2008 5:19 PM Found	Q	CCB9 12/23/2008 6:25 PM Found	Q	CCB10 12/23/2008 7:31 PM Found	Q
Aluminum	308.215	200	24.0	U	24.0	U	24.0	U	24.0	U	24.0	U
Antimony	220.353	10	2.1	U	2.1	U	2.1	U	2.1	U	2.1	U
Arsenic	189.042	10	2.9	U	2.9	U	2.9	U	2.9	U	2.9	U
Barium	493.409	200	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U
Beryllium	313.042	4	**0.3**	**B**	**0.2**	**B**	**0.3**	**B**	**0.4**	**B**	**0.4**	**B**
Cadmium	226.502	5	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
Calcium	317.933	6000	17.0	U	17.0	U	17.0	U	17.0	U	17.0	U
Chromium	267.716	5	0.6	U	0.6	U	0.6	U	0.6	U	0.6	U
Cobalt	228.616	50	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U
Copper	324.753	25	2.6	U	2.6	U	2.6	U	2.6	U	2.6	U
Iron	271.441	100	12.9	U	12.9	U	12.9	U	12.9	U	12.9	U
Lead	220.353	3	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U
Magnesium	279.078	5000	20.9	U	20.9	U	20.9	U	20.9	U	20.9	U
Manganese	257.61	15	0.6	U	0.6	U	0.6	U	0.6	U	0.6	U
Nickel	231.604	40	1.4	U	1.4	U	1.4	U	1.4	U	1.4	U
Potassium	766.491	5000	750.0	U	750.0	U	750.0	U	750.0	U	750.0	U
Selenium	220.353	5	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U
Silver	328.068	200	0.7	U	0.7	U	0.7	U	0.7	U	0.7	U
Sodium	330.232	5000	**-550.0**	**B**	**-460.0**	**B**	**-470.0**	**B**	**-620.0**	**B**	**-520.0**	**B**
Thallium	190.864	10	3.1	U	3.1	U	3.1	U	3.1	U	3.1	U
Vanadium	292.402	50	2.4	U	2.4	U	2.4	U	2.4	U	2.4	U
Zinc	213.856	20	1.8	U	**2.0**	**B**	1.8	U	**2.5**	**B**	**2.1**	**B**

U Result is less than the MDL
B Result is between MDL and RL

Form 3 Equivalent

TestAmerica Pittsburgh

Metals Data Reporting Form

Continuing Calibration Blank Result

Instrument: ICPST **Units:** ug/L

Chart Number: T81223A.ARC

Standard Source: _____ **Standard ID:** _____

Element	WL/ Mass	Report Limit	CCB11 12/23/2008 8:37 PM Found	Q	CCB12 12/23/2008 9:43 PM Found	Q	Found	Q	Found	Q	Found	Q
Aluminum	308.215	200	24.0	U	24.0	U						
Antimony	220.353	10	2.1	U	2.1	U						
Arsenic	189.042	10	2.9	U	2.9	U						
Barium	493.409	200	0.8	U	0.8	U						
Beryllium	313.042	4	**0.4**	**B**	**0.3**	**B**						
Cadmium	226.502	5	0.2	U	0.2	U						
Calcium	317.933	6000	17.0	U	17.0	U						
Chromium	267.716	5	0.6	U	0.6	U						
Cobalt	228.616	50	0.8	U	0.8	U						
Copper	324.753	25	2.6	U	2.6	U						
Iron	271.441	100	12.9	U	12.9	U						
Lead	220.353	3	1.6	U	1.6	U						
Magnesium	279.078	5000	20.9	U	20.9	U						
Manganese	257.61	15	0.6	U	0.6	U						
Nickel	231.604	40	1.4	U	1.4	U						
Potassium	766.491	5000	750.0	U	750.0	U						
Selenium	220.353	5	**2.0**	**B**	1.7	U						
Silver	328.068	200	0.7	U	0.7	U						
Sodium	330.232	5000	**-490.0**	**B**	**-540.0**	**B**						
Thallium	190.864	10	3.1	U	3.1	U						
Vanadium	292.402	50	2.4	U	2.4	U						
Zinc	213.856	20	**2.0**	**B**	**2.0**	**B**						

U Result is less than the MDL
B Result is between MDL and RL

Form 3 Equivalent

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: C8L110357 **Matrix.....:** SO
Date Sampled...: 12/09/08 **Date Received..:** 12/11/08

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: C8L110357-007 **Prep Batch #...:** 8347504									
Silver									
	ND	6.02	5.83	mg/kg	97		SW846 6010B	12/12-12/23/08	K4JXG1A7
	ND	6.02	5.75	mg/kg	96	1.5	SW846 6010B	12/12-12/23/08	K4JXG1A8
			Dilution Factor: 1						
			Analysis Time..: 20:20		Instrument ID..: TRACEICP		Analyst ID.....: 022952		
			MS Run #.....: 8347327						
Aluminum									
	3220	241	5550 NC	mg/kg			SW846 6010B	12/12-12/23/08	K4JXG1A9
	3220	241	5500 NC	mg/kg			SW846 6010B	12/12-12/23/08	K4JXG1CA
			Dilution Factor: 1						
			Analysis Time..: 20:20		Instrument ID..: TRACEICP		Analyst ID.....: 022952		
			MS Run #.....: 8347327						
Arsenic									
	0.63	241	223	mg/kg	93		SW846 6010B	12/12-12/23/08	K4JXG1CC
	0.63	241	221	mg/kg	91	1.2	SW846 6010B	12/12-12/23/08	K4JXG1CD
			Dilution Factor: 1						
			Analysis Time..: 20:20		Instrument ID..: TRACEICP		Analyst ID.....: 022952		
			MS Run #.....: 8347327						
Barium									
	9.8	241	249	mg/kg	99		SW846 6010B	12/12-12/23/08	K4JXG1CE
	9.8	241	244	mg/kg	97	1.8	SW846 6010B	12/12-12/23/08	K4JXG1CF
			Dilution Factor: 1						
			Analysis Time..: 20:20		Instrument ID..: TRACEICP		Analyst ID.....: 022952		
			MS Run #.....: 8347327						
Beryllium									
	0.21	6.02	6.00	mg/kg	96		SW846 6010B	12/12-12/23/08	K4JXG1CG
	0.21	6.02	5.96	mg/kg	96	0.62	SW846 6010B	12/12-12/23/08	K4JXG1CH
			Dilution Factor: 1						
			Analysis Time..: 20:20		Instrument ID..: TRACEICP		Analyst ID.....: 022952		
			MS Run #.....: 8347327						
Calcium									
	1190	6020	6950	mg/kg	96		SW846 6010B	12/12-12/23/08	K4JXG1CJ
	1190	6020	6950	mg/kg	96	0.08	SW846 6010B	12/12-12/23/08	K4JXG1CK
			Dilution Factor: 1						
			Analysis Time..: 20:20		Instrument ID..: TRACEICP		Analyst ID.....: 022952		
			MS Run #.....: 8347327						

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MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: C8L110357 **Matrix.....:** SO
Date Sampled...: 12/09/08 **Date Received..:** 12/11/08

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Cadmium									
	ND	6.02	5.55	mg/kg	92		SW846 6010B	12/12-12/23/08	K4JXG1CL
	ND	6.02	5.46	mg/kg	91	1.7	SW846 6010B	12/12-12/23/08	K4JXG1CM
			Dilution Factor: 1						
			Analysis Time..: 20:20		Instrument ID..: TRACEICP		Analyst ID.....: 022952		
			MS Run #.....: 8347327						
Cobalt									
	1.9	60.2	59.2	mg/kg	95		SW846 6010B	12/12-12/23/08	K4JXG1CN
	1.9	60.2	58.3	mg/kg	94	1.5	SW846 6010B	12/12-12/23/08	K4JXG1CP
			Dilution Factor: 1						
			Analysis Time..: 20:20		Instrument ID..: TRACEICP		Analyst ID.....: 022952		
			MS Run #.....: 8347327						
Chromium									
	5.3	24.1	30.3	mg/kg	104		SW846 6010B	12/12-12/23/08	K4JXG1CQ
	5.3	24.1	30.2	mg/kg	103	0.50	SW846 6010B	12/12-12/23/08	K4JXG1CR
			Dilution Factor: 1						
			Analysis Time..: 20:20		Instrument ID..: TRACEICP		Analyst ID.....: 022952		
			MS Run #.....: 8347327						
Copper									
	6.2	30.1	35.8	mg/kg	98		SW846 6010B	12/12-12/23/08	K4JXG1CT
	6.2	30.1	35.2	mg/kg	96	1.6	SW846 6010B	12/12-12/23/08	K4JXG1CU
			Dilution Factor: 1						
			Analysis Time..: 20:20		Instrument ID..: TRACEICP		Analyst ID.....: 022952		
			MS Run #.....: 8347327						
Iron									
	8220	120	8540 NC	mg/kg			SW846 6010B	12/12-12/23/08	K4JXG1CV
	8220	120	8640 NC	mg/kg			SW846 6010B	12/12-12/23/08	K4JXG1CW
			Dilution Factor: 1						
			Analysis Time..: 20:20		Instrument ID..: TRACEICP		Analyst ID.....: 022952		
			MS Run #.....: 8347327						
Potassium									
	662	6020	7440	mg/kg	113		SW846 6010B	12/12-12/23/08	K4JXG1CX
	662	6020	7320	mg/kg	111	1.6	SW846 6010B	12/12-12/23/08	K4JXG1C0
			Dilution Factor: 1						
			Analysis Time..: 20:20		Instrument ID..: TRACEICP		Analyst ID.....: 022952		
			MS Run #.....: 8347327						

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MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: C8L110357 **Matrix.....:** SO
Date Sampled...: 12/09/08 **Date Received..:** 12/11/08

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Magnesium									
	1190	6020	7200	mg/kg	100		SW846 6010B	12/12-12/23/08	K4JXG1C1
	1190	6020	7100	mg/kg	98	1.4	SW846 6010B	12/12-12/23/08	K4JXG1C2
			Dilution Factor: 1						
			Analysis Time..: 20:20		Instrument ID..: TRACEICP		Analyst ID.....: 022952		
			MS Run #.....: 8347327						
Manganese									
	44.9	60.2	109	mg/kg	106		SW846 6010B	12/12-12/23/08	K4JXG1C3
	44.9	60.2	109	mg/kg	106	0.08	SW846 6010B	12/12-12/23/08	K4JXG1C4
			Dilution Factor: 1						
			Analysis Time..: 20:20		Instrument ID..: TRACEICP		Analyst ID.....: 022952		
			MS Run #.....: 8347327						
Sodium									
	125	6020	5980	mg/kg	97		SW846 6010B	12/12-12/23/08	K4JXG1C5
	125	6020	5880	mg/kg	96	1.7	SW846 6010B	12/12-12/23/08	K4JXG1C6
			Dilution Factor: 1						
			Analysis Time..: 20:20		Instrument ID..: TRACEICP		Analyst ID.....: 022952		
			MS Run #.....: 8347327						
Nickel									
	5.5	60.2	63.7	mg/kg	97		SW846 6010B	12/12-12/23/08	K4JXG1C7
	5.5	60.2	61.7	mg/kg	93	3.1	SW846 6010B	12/12-12/23/08	K4JXG1C8
			Dilution Factor: 1						
			Analysis Time..: 20:20		Instrument ID..: TRACEICP		Analyst ID.....: 022952		
			MS Run #.....: 8347327						
Lead									
	2.9	60.2	58.6	mg/kg	93		SW846 6010B	12/12-12/23/08	K4JXG1C9
	2.9	60.2	58.0	mg/kg	92	1.1	SW846 6010B	12/12-12/23/08	K4JXG1DA
			Dilution Factor: 1						
			Analysis Time..: 20:20		Instrument ID..: TRACEICP		Analyst ID.....: 022952		
			MS Run #.....: 8347327						
Selenium									
	0.37	241	222	mg/kg	92		SW846 6010B	12/12-12/23/08	K4JXG1DC
	0.37	241	219	mg/kg	91	1.5	SW846 6010B	12/12-12/23/08	K4JXG1DD
			Dilution Factor: 1						
			Analysis Time..: 20:20		Instrument ID..: TRACEICP		Analyst ID.....: 022952		
			MS Run #.....: 8347327						

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MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: C8L110357 **Matrix.....:** SO
Date Sampled...: 12/09/08 **Date Received..:** 12/11/08

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Thallium									
	ND	241	227	mg/kg	94		SW846 6010B	12/12-12/23/08	K4JXG1DE
	ND	241	224	mg/kg	93	1.3	SW846 6010B	12/12-12/23/08	K4JXG1DF
			Dilution Factor: 1						
			Analysis Time..: 20:20		Instrument ID..: TRACEICP		Analyst ID.....: 022952		
			MS Run #.....: 8347327						
Antimony									
	ND	60.2	49.8	mg/kg	83		SW846 6010B	12/12-12/23/08	K4JXG1DG
	ND	60.2	48.9	mg/kg	81	1.9	SW846 6010B	12/12-12/23/08	K4JXG1DH
			Dilution Factor: 1						
			Analysis Time..: 20:20		Instrument ID..: TRACEICP		Analyst ID.....: 022952		
			MS Run #.....: 8347327						
Vanadium									
	12.7	60.2	73.2	mg/kg	101		SW846 6010B	12/12-12/23/08	K4JXG1DJ
	12.7	60.2	72.7	mg/kg	100	0.71	SW846 6010B	12/12-12/23/08	K4JXG1DK
			Dilution Factor: 1						
			Analysis Time..: 20:20		Instrument ID..: TRACEICP		Analyst ID.....: 022952		
			MS Run #.....: 8347327						
Zinc									
	18.0	60.2	77.8	mg/kg	99		SW846 6010B	12/12-12/23/08	K4JXG1DL
	18.0	60.2	77.5	mg/kg	99	0.38	SW846 6010B	12/12-12/23/08	K4JXG1DM
			Dilution Factor: 1						
			Analysis Time..: 20:20		Instrument ID..: TRACEICP		Analyst ID.....: 022952		
			MS Run #.....: 8347327						

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.

TestAmerica Pittsburgh

Metals Data Reporting Form

Serial Dilution RPD Report

Serial Dilution Sample ID: K4JXGP

Original Sample ID: K4JXG **Client ID:** SB59(15-16)P

Matrix: Soil **Units:** mg/kg **Prep Date:** 12/12/2008 **Prep Batch:** 8347504

Weight: 1.00 **Volume:** 100 **Percent Moisture:** 16.874

Element	WL/ Mass	OS Conc	Q	Serial Dilution Conc	Q	Percent Diff	OS DF	Ser Dil DF	Instr	OS Anal Date	OS Anal Time	Ser Dil Anal Date	Ser Dil Anal Time
Aluminum	308.215	3220		3310		2.7	1	5	ICPST	12/23/2008	20:09	12/23/2008	20:15
Antimony	220.353	0.25	U	1.3	U		1	5	ICPST	12/23/2008	20:09	12/23/2008	20:15
Arsenic	189.042	0.63	B	1.7	U		1	5	ICPST	12/23/2008	20:09	12/23/2008	20:15
Barium	493.409	9.8	B	10.1	B	2.8	1	5	ICPST	12/23/2008	20:09	12/23/2008	20:15
Beryllium	313.042	0.21	B	0.34	B		1	5	ICPST	12/23/2008	20:09	12/23/2008	20:15
Cadmium	226.502	0.025	U	0.13	U		1	5	ICPST	12/23/2008	20:09	12/23/2008	20:15
Calcium	317.933	1190		1210	B	2.1	1	5	ICPST	12/23/2008	20:09	12/23/2008	20:15
Chromium	267.716	5.3		5.5		3.8	1	5	ICPST	12/23/2008	20:09	12/23/2008	20:15
Cobalt	228.616	1.9	B	1.8	B		1	5	ICPST	12/23/2008	20:09	12/23/2008	20:15
Copper	324.753	6.2		6.1	B		1	5	ICPST	12/23/2008	20:09	12/23/2008	20:15
Iron	271.441	8220		8420		2.5	1	5	ICPST	12/23/2008	20:09	12/23/2008	20:15
Lead	220.353	2.9		2.9			1	5	ICPST	12/23/2008	20:09	12/23/2008	20:15
Magnesium	279.078	1190		1210	B	2.3	1	5	ICPST	12/23/2008	20:09	12/23/2008	20:15
Manganese	257.61	44.9		46.0		2.4	1	5	ICPST	12/23/2008	20:09	12/23/2008	20:15
Nickel	231.604	5.5		5.6	B		1	5	ICPST	12/23/2008	20:09	12/23/2008	20:15
Potassium	766.491	662		686	B		1	5	ICPST	12/23/2008	20:09	12/23/2008	20:15
Selenium	220.353	0.37	B	1.0	U		1	5	ICPST	12/23/2008	20:09	12/23/2008	20:15
Silver	328.068	0.079	U	0.40	U		1	5	ICPST	12/23/2008	20:09	12/23/2008	20:15
Sodium	330.232	125	B	87.3	U		1	5	ICPST	12/23/2008	20:09	12/23/2008	20:15
Thallium	190.864	0.37	U	1.9	U		1	5	ICPST	12/23/2008	20:09	12/23/2008	20:15
Vanadium	292.402	12.7		13.0	B		1	5	ICPST	12/23/2008	20:09	12/23/2008	20:15
Zinc	213.856	18.0		21.5	E	19.4	1	5	ICPST	12/23/2008	20:09	12/23/2008	20:15

Comments:

5.22.0

U Result is less than the MDL

B Result is between MDL and RL

E Serial dilution percent difference not within limits

Form 9 Equivalent

CASE NARRATIVE

AECOM
Schenectady RI

Lot # C8L100288

Sample Receiving:
TestAmerica's Pittsburgh laboratory received samples on December 10, 2008. The coolers were received within the proper temperature range.

If project specific QC was not required for samples contained in this report and batch QC was completed on these samples, anomalous results will be discussed below.

GC/MS Volatiles:
Due to the concentration of compounds detected, several samples were analyzed at a dilution.

GC/MS Semivolatiles:
There were no problems associated with the analysis.

Metals:
Sample MW-1 contained sodium over the instrument's linear range and required dilution.

The method blank had analytes detected at concentrations between the MDL and the reporting limit. The results were flagged with a "B" qualifier. Any sample associated with a method blank that had the same analyte detected had the result flagged with a "J" qualifier.

General Chemistry:
There were no problems associated with the analysis.

C8L400288

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Temperature on Receipt _____

Drinking Water? Yes ☐ No ☒

TAL-4124 (1007)

Client	Project Manager	Date	Chain of Custody Number
ENSR / AECOM	James EDwards	12/9/08	119001
Address	**Telephone Number (Area Code)/Fax Number**	**Lab Number**	**Page** 1 of 2
1001 W. Seneca ST	607 277-5716		
City / **State** / **Zip Code**	**Site Contact**	**Lab Contact**	**Analysis (Attach list if more space is needed)**
Ithaca / NY / 14850	K. STahle		
Project Name and Location (State)	**Carrier/Waybill Number**		
Schenectady Former MGP (NY)			
Contract/Purchase Order/Quote No.			

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Containers & Preservatives: Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	Analysis: Tcl/SVOC 8270 C	Tcl VOC 8260B	Tal Metals 6000-7000	Total Cn 9010	Special Instructions/ Conditions of Receipt
MW-4	12/9/08	1530		X			2		1	3	1		X	X	X	X	
MW-1		1318		X									X	X	X	X	
MW-1D		1158		X									X	X	X	X	
MW-10		908		X									X	X	X	X	
MW-10 MS		910		X									X	X	X	X	
MW-10 MSD		915		X									X	X	X	X	
MW-2		900		X									X	X	X	X	
MW-2 MS		910		X									X	X	X	X	
MW-2 MSD		915		X									X	X	X	X	
MW-3		1045		X									X	X	X	X	
MW-5		1155		X									X	X	X	X	
MW-11D		1300		X									X	X	X	X	

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months (A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required
☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☐ Other _____

QC Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By	12/9/08	1630	1. Received By	12/10/08	1015
2. Relinquished By			2. Received By		
3. Relinquished By			3. Received By		

Comments

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

C8L100288

Chain of Custody Record

Temperature on Receipt _____

Drinking Water? Yes ☐ No ☒

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TAL-4124 (1007)

Client: ENSR / AECOM	Project Manager: James Edwards	Date: 12/9/08	Chain of Custody Number: 119000
Address: 1001 W. Seneca ST	Telephone Number (Area Code)/Fax Number: 607-277-5716	Lab Number:	Page 2 of 2
City: Ithaca / State: NY / Zip Code: 14850	Site Contact: K. Stahlk	Lab Contact: D. Dunlap	Analysis (Attach list if more space is needed)
Project Name and Location (State): Schenectady Former MGP (NY)	Carrier/Waybill Number:		
Contract/Purchase Order/Quote No.			

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Containers & Preservatives: Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/ NaOH	VOC 8260 MS	Tot. Metals 6010 - Pb only	Tot. Cr 6012A	Special Instructions/ Conditions of Receipt
MW-6	12/9/08	1520		X					1	3	1		X	X	X	

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months (A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required
☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☐ Other _____

QC Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By	12/9/08	1630	1. Received By	12/10/08	1015
2. Relinquished By			2. Received By		
3. Relinquished By			3. Received By		

Comments

also received a trip blank, will ID as "TRIPBLANK120908"
DAD 12/11/08

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

7

(1 - 143)

Cooler Receipt Form
TestAmerica Pittsburgh

Client: AECOM Project: Schenectady Quote: 72910

Cooler Rec'd & Opened for Temp. Check on: 12/10/08

Coolers Opened and Unpacked on: 12/10/08 By: _____ (Signature)

TestAmerica Pittsburgh Lot Number: _____

		Yes	No	NA
1.	Were custody seals on the outside of the cooler?			
	If YES, how many and where? Quantity __ Location			
	Were signatures and date correct?			
2.	Were custody papers included inside the cooler?	✓		
3.	Were custody papers properly filled out (ink, signed, match labels)?	✓		
4.	Did you sign the custody papers in the appropriate place?	✓		
5.	Was shippers packing slip attached to this form?	✓		
6.	Were packing materials used?	✓		
	If YES, what type? Bubble bags			
7.	Were the samples received within the acceptable temperature range?	✓		
8.	Were the samples appropriately preserved?	✓		
9.	Were all bottles sealed in separate plastic bags?	✓		
10.	Did all bottles arrive in good condition (unbroken)?	✓		
11.	Were all bottle labels complete (sample ID, preservatives, etc.)?	✓		
12.	Did all bottle labels and/or tags agree with custody papers?	✓		
13.	Were correct bottles used for tests indicated?	✓		
14.	Were all VOA vials checked for the presence of air bubbles?	✓		
15.	Was a sufficient amount of sample sent in each bottle?	✓		

16. Samples received by: (FEDEX) UPS CLIENT DROP-OFF OTHER DHL US CARGO

Explain any discrepancies: _____

Level 2 Review _____

Was contacted on _____ by _____ to resolve discrepancies.

Cooler Receipt Form

TestAmerica Pittsburgh

P: Preserved
UP: Unpreserved

Sample ID	TMET PH<2	DMET PH<2	HG PH<2	NUT(1) PH<2	CN PH ≥12	OG TPHC PH<2	PHEN PH<2	SULF PH ≥12	TOC PH<2	TOX PH<2	VOA P/UP	hrdnss PH<2			
ALL	✓		✓		✓										

(1) "NUT" could include sample bottles for ammonia, chemical oxygen demand, nitrate/nitrite, TKN, or total phosphorus

Comments: _____

Cooler Number	Temperature*	Thermometer ID
1	5.9	8
2	5.6	7
3	5.4	10

*Acceptable Temperature Range: 4°C ± 2°C

Sample	Lot Number**

**Please use an asterisk if bottle lot number was covered by the label

If samples required preservation in the laboratory, the following lot number(s) was/were used:

Nitric Acid _____ Hydrochloric Acid _____

Sulfuric Acid _____ Sodium Hydroxide _____

AECOM, Inc

Client Sample ID: TRIP BLANK 120908

GC/MS Volatiles

Lot-Sample #...: C8L100288-010	Work Order #...: K4FPM1AA	Matrix.....: WQ
Date Sampled...: 12/09/08	Date Received..: 12/10/08	MS Run #.....: 8352329
Prep Date.....: 12/17/08	Analysis Date..: 12/17/08	
Prep Batch #...: 8352472	Analysis Time..: 16:38	
Dilution Factor: 1	Initial Wgt/Vol: 5 mL	Final Wgt/Vol..: 5 mL
Analyst ID.....: 403794	Instrument ID..: HP5	
	Method.....: SW846 8260B	

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	5.0	ug/L	2.5
Benzene	ND	1.0	ug/L	0.27
Bromodichloromethane	ND	1.0	ug/L	0.20
Bromoform	ND	1.0	ug/L	0.25
Bromomethane	ND	1.0	ug/L	0.30
2-Butanone	ND	5.0	ug/L	0.50
Carbon disulfide	ND	1.0	ug/L	0.20
Carbon tetrachloride	ND	1.0	ug/L	0.30
Chlorobenzene	ND	1.0	ug/L	0.23
Chloroethane	ND	1.0	ug/L	0.25
Chloroform	ND	1.0	ug/L	0.24
Chloromethane	ND	1.0	ug/L	0.27
Cyclohexane	ND	1.0	ug/L	0.30
Dibromochloromethane	ND	1.0	ug/L	0.16
1,2-Dibromo-3-chloro-propane	ND	1.0	ug/L	0.24
1,2-Dibromoethane	ND	1.0	ug/L	0.23
1,3-Dichlorobenzene	ND	1.0	ug/L	0.16
1,4-Dichlorobenzene	ND	1.0	ug/L	0.18
1,2-Dichlorobenzene	ND	1.0	ug/L	0.22
Dichlorodifluoromethane	ND	1.0	ug/L	0.26
1,1-Dichloroethane	ND	1.0	ug/L	0.24
1,2-Dichloroethane	ND	1.0	ug/L	0.21
1,1-Dichloroethene	ND	1.0	ug/L	0.28
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.27
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.27
1,2-Dichloropropane	ND	1.0	ug/L	0.18
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.19
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.18
Ethylbenzene	ND	1.0	ug/L	0.18
2-Hexanone	ND	5.0	ug/L	0.53
Isopropylbenzene	ND	1.0	ug/L	0.22
Methyl acetate	ND	1.0	ug/L	0.10
Methylene chloride	**0.42 J**	**1.0**	**ug/L**	**0.32**
Methylcyclohexane	ND	1.0	ug/L	0.32
4-Methyl-2-pentanone	ND	5.0	ug/L	0.23
Methyl tert-butyl ether	ND	1.0	ug/L	0.20

(Continued on next page)

AECOM, Inc

Client Sample ID: TRIP BLANK 120908

GC/MS Volatiles

Lot-Sample #...: C8L100288-010 Work Order #...: K4FPM1AA Matrix.....: WQ

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Styrene	ND	1.0	ug/L	0.22
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.15
1,2,4-Trichloro-benzene	ND	1.0	ug/L	0.15
Tetrachloroethene	ND	1.0	ug/L	0.24
1,1,1-Trichloroethane	ND	1.0	ug/L	0.25
1,1,2-Trichloroethane	ND	1.0	ug/L	0.20
Trichloroethene	ND	1.0	ug/L	0.29
Trichlorofluoromethane	ND	1.0	ug/L	0.080
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L	0.30
Toluene	ND	1.0	ug/L	0.23
Vinyl chloride	ND	1.0	ug/L	0.29
Xylenes (total)	ND	3.0	ug/L	0.62

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	106	(71 - 118)
1,2-Dichloroethane-d4	95	(64 - 135)
4-Bromofluorobenzene	106	(70 - 118)
Dibromofluoromethane	101	(70 - 128)

NOTE(S):

J Estimated result. Result is less than RL.

TestAmerica Pittsburgh

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: hp5.i
Lab File ID: 51217004.D
Analysis Type: WATER
Lab Sample ID: ver10
Method: \\PITSVR06\D\chem\hp5.i\5121708d.b\8260ee.m

Injection Date: 17-DEC-2008 13:15
Init. Cal. Date(s): 17-DEC-2008 17-DEC-2008
Init. Cal. Times: 08:55 11:14
Quant Type: ISTD

COMPOUND	RRF / AMOUNT	RF10	CCAL RRF10	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE	
$ 39 Dibromofluoromethane	0.21284	0.22443	0.22443	0.010	-5.44387	25.00000	Averaged	
$ 43 1,2-Dichloroethane-d4	0.24688	0.25031	0.25031	0.010	-1.39182	25.00000	Averaged	
$ 59 Toluene-d8	3.62802	3.70927	3.70927	0.010	-2.23950	25.00000	Averaged	
$ 80 Bromofluorobenzene	0.86633	0.88937	0.88937	0.010	-2.65917	25.00000	Averaged	
2 Chloromethane	0.48646	0.41907	0.41907	0.100	13.85248	25.00000	Averaged	
3 Vinyl Chloride	0.43445	0.38232	0.38232	0.010	11.99974	20.00000	Averaged	
4 Bromomethane	50.00000	65.23898	0.10768	0.010	-30.47796	0.000e+000	Quadratic	OK
5 Chloroethane	0.19935	0.19921	0.19921	0.010	0.06820	25.00000	Averaged	
6 Trichlorofluoromethane	0.31318	0.29345	0.29345	0.010	6.29775	25.00000	Averaged	
1 Dichlorodifluoromethane	0.20580	0.16637	0.16637	0.010	19.15921	25.00000	Averaged	
12 1,1-Dichloroethene	0.25067	0.23783	0.23783	0.010	5.12070	20.00000	Averaged	
13 Acetone	0.11191	0.11067	0.11067	0.010	1.10993	25.00000	Averaged	
15 Carbon Disulfide	0.82901	0.80234	0.80234	0.010	3.21757	25.00000	Averaged	
17 Acetonitrile	0.02780	0.02534	0.02534	0.010	8.85422	25.00000	Averaged	
18 Methylene Chloride	0.29322	0.28447	0.28447	0.010	2.98157	25.00000	Averaged	
19 trans-1,2-Dichloroethene	0.28165	0.28372	0.28372	0.010	-0.73662	25.00000	Averaged	
20 Methyl tert-butyl ether	0.66801	0.61857	0.61857	0.010	7.40083	25.00000	Averaged	
24 1,1-Dichloroethane	0.60079	0.60779	0.60779	0.100	-1.16456	25.00000	Averaged	
27 2,2-Dichloropropane	0.19337	0.20583	0.20583	0.010	-6.44496	25.00000	Averaged	
28 cis-1,2-dichloroethene	0.30575	0.30039	0.30039	0.010	1.75225	25.00000	Averaged	
M 29 1,2-Dichloroethene (total)	0.29370	0.29206	0.29206	0.010	0.55887	25.00000	Averaged	
30 Bromochloromethane	0.14170	0.14410	0.14410	0.010	-1.69194	25.00000	Averaged	
31 2-Butanone	0.17459	0.17530	0.17530	0.010	-0.40489	25.00000	Averaged	
37 Chloroform	0.40247	0.41159	0.41159	0.010	-2.26550	20.00000	Averaged	
38 1,1,1-Trichloroethane	0.27286	0.28951	0.28951	0.010	-6.10197	25.00000	Averaged	
40 1,1-Dichloropropene	0.34671	0.34170	0.34170	0.010	1.44456	25.00000	Averaged	
41 Carbon Tetrachloride	0.18565	0.19613	0.19613	0.010	-5.64492	25.00000	Averaged	
42 Benzene	1.13557	1.15364	1.15364	0.010	-1.59070	25.00000	Averaged	
45 1,2-Dichloroethane	0.36387	0.36166	0.36166	0.010	0.60722	25.00000	Averaged	
47 Trichloroethene	0.30213	0.30056	0.30056	0.010	0.51953	25.00000	Averaged	
49 1,2-Dichloropropane	0.36197	0.35682	0.35682	0.010	1.42208	20.00000	Averaged	
50 Dibromomethane	0.13801	0.14547	0.14547	0.010	-5.40278	25.00000	Averaged	
53 Bromodichloromethane	0.26083	0.26760	0.26760	0.010	-2.59508	25.00000	Averaged	
57 cis-1,3-Dichloropropene	0.34578	0.34851	0.34851	0.010	-0.78959	25.00000	Averaged	
58 4-Methyl-2-Pentanone	1.49069	1.48836	1.48836	0.010	0.15604	25.00000	Averaged	
60 Toluene	4.92026	4.86510	4.86510	0.010	1.12111	20.00000	Averaged	
61 trans-1,3-Dichloropropene	1.01191	1.03901	1.03901	0.010	-2.67860	25.00000	Averaged	
63 1,3-Dichloropropane	1.59011	1.56725	1.56725	0.010	1.43763	25.00000	Averaged	
64 1,1,2-Trichloroethane	0.87946	0.84998	0.84998	0.010	3.35198	25.00000	Averaged	
65 Tetrachloroethene	0.92374	0.89069	0.89069	0.010	3.57804	25.00000	Averaged	
66 2-Hexanone	0.99112	0.99377	0.99377	0.010	-0.26731	25.00000	Averaged	
67 Dibromochloromethane	0.71280	0.71414	0.71414	0.010	-0.18796	25.00000	Averaged	
68 1,2-Dibromoethane	0.84170	0.84834	0.84834	0.010	-0.78858	25.00000	Averaged	

TestAmerica Pittsburgh

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: hp5.i
Lab File ID: 51217004.D
Analysis Type: WATER
Lab Sample ID: ver10
Method: \\PITSVR06\D\chem\hp5.i\5121708d.b\8260ee.m

Injection Date: 17-DEC-2008 13:15
Init. Cal. Date(s): 17-DEC-2008 17-DEC-2008
Init. Cal. Times: 08:55 11:14
Quant Type: ISTD

COMPOUND	RRF / AMOUNT	RF10	CCAL RRF10	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE
70 Chlorobenzene	3.27044	3.17990	3.17990	0.300	2.76855	25.00000	Averaged
71 1,1,1,2-Tetrachloroethane	0.77217	0.77827	0.77827	0.010	-0.79040	25.00000	Averaged
72 Ethylbenzene	1.77194	1.72429	1.72429	0.010	2.68917	20.00000	Averaged
73 m + p-Xylene	2.16552	2.17292	2.17292	0.010	-0.34156	25.00000	Averaged
74 Xylene-o	2.11332	2.15351	2.15351	0.010	-1.90190	25.00000	Averaged
M 75 Xylenes (total)	2.14812	2.16645	2.16645	0.010	-0.85325	25.00000	Averaged
76 Styrene	3.66813	3.73664	3.73664	0.010	-1.86772	25.00000	Averaged
77 Bromoform	0.36942	0.38016	0.38016	0.100	-2.90699	25.00000	Averaged
78 Isopropylbenzene	5.15247	5.23595	5.23595	0.010	-1.62010	25.00000	Averaged
79 Bromobenzene	0.88360	0.89779	0.89779	0.010	-1.60583	25.00000	Averaged
81 n-Propylbenzene	0.91780	0.97538	0.97538	0.010	-6.27385	25.00000	Averaged
82 2-Chlorotoluene	0.85644	0.84834	0.84834	0.010	0.94566	25.00000	Averaged
83 1,1,2,2-Tetrachloroethane	0.72699	0.72832	0.72832	0.300	-0.18392	25.00000	Averaged
84 1,2,3-Trichloropropane	0.20143	0.22535	0.22535	0.010	-11.87655	25.00000	Averaged
85 4-Chlorotoluene	0.92106	0.97619	0.97619	0.010	-5.98512	25.00000	Averaged
86 1,3,5-Trimethylbenzene	2.69395	2.71541	2.71541	0.010	-0.79650	25.00000	Averaged
87 tert-Butylbenzene	2.29248	2.41534	2.41534	0.010	-5.35938	25.00000	Averaged
88 1,2,4-Trimethylbenzene	2.73543	2.75516	2.75516	0.010	-0.72140	25.00000	Averaged
89 sec-Butylbenzene	3.22612	3.32065	3.32065	0.010	-2.92994	25.00000	Averaged
90 4-Isopropyltoluene	2.70248	2.86319	2.86319	0.010	-5.94651	25.00000	Averaged
91 1,3-Dichlorobenzene	1.66363	1.66000	1.66000	0.010	0.21827	25.00000	Averaged
93 1,4-Dichlorobenzene	1.70354	1.72529	1.72529	0.010	-1.27670	25.00000	Averaged
94 n-Butylbenzene	2.30498	2.37495	2.37495	0.010	-3.03557	25.00000	Averaged
95 1,2-Dichlorobenzene	1.58899	1.60852	1.60852	0.010	-1.22912	25.00000	Averaged
96 1,2-Dibromo-3-chloropropane	0.10481	0.10124	0.10124	0.010	3.40395	25.00000	Averaged
97 1,2,4-Trichlorobenzene	0.93880	0.95026	0.95026	0.010	-1.22061	25.00000	Averaged
98 Hexachlorobutadiene	0.34278	0.32505	0.32505	0.010	5.17049	25.00000	Averaged
99 Naphthalene	2.28949	2.34740	2.34740	0.010	-2.52950	25.00000	Averaged
100 1,2,3-Trichlorobenzene	0.81703	0.83232	0.83232	0.010	-1.87173	25.00000	Averaged
101 1,1,2-trichlorotrifluoroeth	0.21353	0.22900	0.22900	0.010	-7.24624	25.00000	Averaged
102 Methyl acetate	0.28157	0.28703	0.28703	0.010	1.93887	25.00000	Averaged
104 Cyclohexane	0.72177	0.75357	0.75357	0.010	-4.40635	25.00000	Averaged
105 Methyl Cyclohexane	0.41847	0.43923	0.43923	0.010	-4.95981	25.00000	Averaged
157 2-Chlorobenzotrifluoride	1.58459	1.60581	1.60581	0.010	-1.33916	25.00000	Averaged
158 3-Chlorobenzotrifluoride	1.66993	1.72183	1.72183	0.010	-3.10774	25.00000	Averaged
159 4-Chlorobenzotrifluoride	1.50440	1.48591	1.48591	0.010	1.22869	25.00000	Averaged
160 3-Chlorotoluene	0.88982	0.97513	0.97513	0.010	-9.58715	25.00000	Averaged
161 2,4-Dichlorobenzotrifluorid	0.62436	0.66344	0.66344	0.010	-6.25842	25.00000	Averaged
162 2,5-Dichlorobenzotrifluorid	0.73933	0.73745	0.73745	0.010	0.25431	25.00000	Averaged
163 3,4-Dichlorobenzotrifluorid	0.70347	0.71724	0.71724	0.010	-1.95637	25.00000	Averaged
164 Dichlorotoluene(2,4+2,5+2,6	1.17733	1.21311	1.21311	0.010	-3.03964	25.00000	Averaged
165 Dichlorotoluene(2,3+3,4)	1.26836	1.33239	1.33239	0.010	-5.04802	25.00000	Averaged
166 1,3,5-Trichlorobenzene	0.99981	1.04609	1.04609	0.010	-4.62917	25.00000	Averaged

TestAmerica Pittsburgh

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: hp5.i
Lab File ID: 51217004.D
Analysis Type: WATER
Lab Sample ID: ver10
Method: \\PITSVR06\D\chem\hp5.i\5121708d.b\8260ee.m

Injection Date: 17-DEC-2008 13:15
Init. Cal. Date(s): 17-DEC-2008 17-DEC-2008
Init. Cal. Times: 08:55 11:14
Quant Type: ISTD

COMPOUND	RRF / AMOUNT	RF10	CCAL RRF10	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE
167 2,3,6-Trichlorotoluene	0.40855	0.41627	0.41627	0.010	-1.89156	25.00000	Averaged
168 2,4,5-Trichlorotoluene	0.47533	0.49223	0.49223	0.010	-3.55529	25.00000	Averaged

TestAmerica Pittsburgh

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: hp5.i Injection Date: 18-DEC-2008 08:02
Lab File ID: CC51218.D Init. Cal. Date(s): 17-DEC-2008 17-DEC-2008
Analysis Type: WATER Init. Cal. Times: 08:55 11:14
Lab Sample ID: vstd10 Quant Type: ISTD
Method: \\pitsvr06\d\chem\hp5.i\5121808d.b\8260ee.m

COMPOUND	RRF / AMOUNT	RF10	CCAL RRF10	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE
$ 39 Dibromofluoromethane	0.21284	0.21194	0.21194	0.010	0.42286	25.00000	Averaged
$ 43 1,2-Dichloroethane-d4	0.24688	0.24427	0.24427	0.010	1.05435	25.00000	Averaged
$ 59 Toluene-d8	3.62802	3.58240	3.58240	0.010	1.25725	25.00000	Averaged
$ 80 Bromofluorobenzene	0.86633	0.85655	0.85655	0.010	1.12953	25.00000	Averaged
2 Chloromethane	0.48646	0.48289	0.48289	0.100	0.73362	25.00000	Averaged
3 Vinyl Chloride	0.43445	0.44047	0.44047	0.010	-1.38654	20.00000	Averaged
4 Bromomethane	50.00000	60.13418	0.10001	0.010	-20.26837	0.000e+000	Quadratic
5 Chloroethane	0.19935	0.20119	0.20119	0.010	-0.92376	25.00000	Averaged
6 Trichlorofluoromethane	0.31318	0.31827	0.31827	0.010	-1.62459	25.00000	Averaged
11 Dichlorodifluoromethane	0.20580	0.20671	0.20671	0.010	-0.44434	25.00000	Averaged
12 1,1-Dichloroethene	0.25067	0.25718	0.25718	0.010	-2.59908	20.00000	Averaged
13 Acetone	0.11191	0.12545	0.12545	0.010	-12.10571	25.00000	Averaged
15 Carbon Disulfide	0.82901	0.86910	0.86910	0.010	-4.83498	25.00000	Averaged
18 Methylene Chloride	0.29322	0.30204	0.30204	0.010	-3.00774	25.00000	Averaged
19 trans-1,2-Dichloroethene	0.28165	0.29087	0.29087	0.010	-3.27306	25.00000	Averaged
20 Methyl tert-butyl ether	0.66801	0.66738	0.66738	0.010	0.09396	25.00000	Averaged
24 1,1-Dichloroethane	0.60079	0.61390	0.61390	0.100	-2.18271	25.00000	Averaged
27 2,2-Dichloropropane	0.19337	0.19032	0.19032	0.010	1.57420	25.00000	Averaged
28 cis-1,2-dichloroethene	0.30575	0.31990	0.31990	0.010	-4.62922	25.00000	Averaged
M 29 1,2-Dichloroethene (total)	0.29370	0.30539	0.30539	0.010	-3.97896	25.00000	Averaged
30 Bromochloromethane	0.14170	0.14550	0.14550	0.010	-2.68560	25.00000	Averaged
31 2-Butanone	0.17459	0.19024	0.19024	0.010	-8.96541	25.00000	Averaged
37 Chloroform	0.40247	0.41228	0.41228	0.010	-2.43630	20.00000	Averaged
38 1,1,1-Trichloroethane	0.27286	0.28013	0.28013	0.010	-2.66162	25.00000	Averaged
40 1,1-Dichloropropene	0.34671	0.35544	0.35544	0.010	-2.51778	25.00000	Averaged
41 Carbon Tetrachloride	0.18565	0.18579	0.18579	0.010	-0.07571	25.00000	Averaged
42 Benzene	1.13557	1.16528	1.16528	0.010	-2.61556	25.00000	Averaged
45 1,2-Dichloroethane	0.36387	0.37947	0.37947	0.010	4.28620	25.00000	Averaged
47 Trichloroethene	0.30213	0.30451	0.30451	0.010	-0.78503	25.00000	Averaged
49 1,2-Dichloropropane	0.36197	0.36112	0.36112	0.010	0.23438	20.00000	Averaged
50 Dibromomethane	0.13801	0.13803	0.13803	0.010	-0.00903	25.00000	Averaged
53 Bromodichloromethane	0.26083	0.26385	0.26385	0.010	-1.15959	25.00000	Averaged
57 cis-1,3-Dichloropropene	0.34578	0.34288	0.34288	0.010	0.84122	25.00000	Averaged
58 4-Methyl-2-Pentanone	1.49069	1.49894	1.49894	0.010	-0.55383	25.00000	Averaged
60 Toluene	4.92026	5.01233	5.01233	0.010	-1.87136	20.00000	Averaged
61 trans-1,3-Dichloropropene	1.01191	0.97296	0.97296	0.010	3.84851	25.00000	Averaged
63 1,3-Dichloropropane	1.59011	1.65768	1.65768	0.010	-4.24936	25.00000	Averaged
64 1,1,2-Trichloroethane	0.87946	0.91864	0.91864	0.010	-4.45456	25.00000	Averaged
65 Tetrachloroethene	0.92374	0.94541	0.94541	0.010	-2.34493	25.00000	Averaged
66 2-Hexanone	0.99112	0.99818	0.99818	0.010	0.71207	25.00000	Averaged
67 Dibromochloromethane	0.71280	0.70815	0.70815	0.010	0.65212	25.00000	Averaged
68 1,2-Dibromoethane	0.84170	0.85869	0.85869	0.010	-2.01839	25.00000	Averaged

TestAmerica Pittsburgh

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: hp5.i
Lab File ID: CC51218.D
Analysis Type: WATER
Lab Sample ID: vstd10
Method: \\pitsvr06\d\chem\hp5.i\5121808d.b\8260ee.m

Injection Date: 18-DEC-2008 08:02
Init. Cal. Date(s): 17-DEC-2008 17-DEC-2008
Init. Cal. Times: 08:55 11:14
Quant Type: ISTD

COMPOUND	RRF / AMOUNT	RF10	CCAL RRF10	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE
70 Chlorobenzene	3.27044	3.29301	3.29301	0.300	-0.69008	25.00000	Averaged
71 1,1,1,2-Tetrachloroethane	0.77217	0.74873	0.74873	0.010	3.03592	25.00000	Averaged
72 Ethylbenzene	1.77194	1.79076	1.79076	0.010	-1.06226	20.00000	Averaged
73 m + p-Xylene	2.16552	2.21529	2.21529	0.010	-2.29796	25.00000	Averaged
74 Xylene-o	2.11332	2.17440	2.17440	0.010	-2.89014	25.00000	Averaged
M 75 Xylenes (total)	2.14812	2.20166	2.20166	0.010	-2.49216	25.00000	Averaged
76 Styrene	3.66813	3.80291	3.80291	0.010	-3.67436	25.00000	Averaged
77 Bromoform	0.36942	0.37560	0.37560	0.100	-1.67358	25.00000	Averaged
78 Isopropylbenzene	5.15247	5.28092	5.28092	0.010	-2.49284	25.00000	Averaged
79 Bromobenzene	0.88360	0.89834	0.89834	0.010	-1.66738	25.00000	Averaged
81 n-Propylbenzene	0.91780	0.96327	0.96327	0.010	-4.95488	25.00000	Averaged
82 2-Chlorotoluene	0.85644	0.85190	0.85190	0.010	0.53016	25.00000	Averaged
83 1,1,2,2-Tetrachloroethane	0.72699	0.76327	0.76327	0.300	-4.99058	25.00000	Averaged
84 1,2,3-Trichloropropane	0.20143	0.21181	0.21181	0.010	-5.15433	25.00000	Averaged
85 4-Chlorotoluene	0.92106	0.90736	0.90736	0.010	1.48719	25.00000	Averaged
86 1,3,5-Trimethylbenzene	2.69395	2.74844	2.74844	0.010	-2.02278	25.00000	Averaged
87 tert-Butylbenzene	2.29248	2.35003	2.35003	0.010	-2.51039	25.00000	Averaged
88 1,2,4-Trimethylbenzene	2.73543	2.82710	2.82710	0.010	-3.35133	25.00000	Averaged
89 sec-Butylbenzene	3.22612	3.27679	3.27679	0.010	-1.57059	25.00000	Averaged
90 4-Isopropyltoluene	2.70248	2.76966	2.76966	0.010	-2.48562	25.00000	Averaged
91 1,3-Dichlorobenzene	1.66363	1.65631	1.65631	0.010	0.43997	25.00000	Averaged
93 1,4-Dichlorobenzene	1.70354	1.74581	1.74581	0.010	-2.48134	25.00000	Averaged
94 n-Butylbenzene	2.30498	2.34815	2.34815	0.010	-1.87313	25.00000	Averaged
95 1,2-Dichlorobenzene	1.58899	1.60536	1.60536	0.010	-1.03040	25.00000	Averaged
96 1,2-Dibromo-3-chloropropane	0.10481	0.09500	0.09500	0.010	9.36016	25.00000	Averaged
97 1,2,4-Trichlorobenzene	0.93880	0.94772	0.94772	0.010	-0.94992	25.00000	Averaged
98 Hexachlorobutadiene	0.34278	0.33069	0.33069	0.010	3.52539	25.00000	Averaged
99 Naphthalene	2.28949	2.33160	2.33160	0.010	-1.83938	25.00000	Averaged
100 1,2,3-Trichlorobenzene	0.81703	0.83121	0.83121	0.010	-1.73597	25.00000	Averaged
101 1,1,2-trichlorotrifluoroeth	0.21353	0.22791	0.22791	0.010	-6.73690	25.00000	Averaged
102 Methyl acetate	0.28157	0.28212	0.28212	0.010	-0.19758	25.00000	Averaged
104 Cyclohexane	0.72177	0.73681	0.73681	0.010	-2.08373	25.00000	Averaged
105 Methyl Cyclohexane	0.41847	0.43609	0.43609	0.010	-4.21075	25.00000	Averaged
157 2-Chlorobenzotrifluoride	1.58459	1.55578	1.55578	0.010	1.81853	25.00000	Averaged
158 3-Chlorobenzotrifluoride	1.66993	1.60323	1.60323	0.010	3.99393	25.00000	Averaged
159 4-Chlorobenzotrifluoride	1.50440	1.48707	1.48707	0.010	1.15164	25.00000	Averaged
160 3-Chlorotoluene	0.88982	0.81425	0.81425	0.010	8.49238	25.00000	Averaged
161 2,4-Dichlorobenzotrifluorid	0.62436	0.61052	0.61052	0.010	2.21721	25.00000	Averaged
162 2,5-Dichlorobenzotrifluorid	0.73933	0.74873	0.74873	0.010	-1.27200	25.00000	Averaged
163 3,4-Dichlorobenzotrifluorid	0.70347	0.68533	0.68533	0.010	2.57658	25.00000	Averaged
164 Dichlorotoluene(2,4+2,5+2,6	1.17733	1.13942	1.13942	0.010	3.21955	25.00000	Averaged
165 Dichlorotoluene(2,3+3,4)	1.26836	1.23249	1.23249	0.010	2.82825	25.00000	Averaged
166 1,3,5-Trichlorobenzene	0.99981	0.97254	0.97254	0.010	2.72675	25.00000	Averaged

TestAmerica Pittsburgh

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: hp5.i
Lab File ID: CC51218.D
Analysis Type: WATER
Lab Sample ID: vstd10
Method: \\pitsvr06\d\chem\hp5.i\5121808d.b\8260ee.m

Injection Date: 18-DEC-2008 08:02
Init. Cal. Date(s): 17-DEC-2008 17-DEC-2008
Init. Cal. Times: 08:55 11:14
Quant Type: ISTD

COMPOUND	RRF / AMOUNT	RF10	CCAL RRF10	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE
167 2,3,6-Trichlorotoluene	0.40855	0.37855	0.37855	0.010	7.34167	25.00000	Averaged
168 2,4,5-Trichlorotoluene	0.47533	0.44696	0.44696	0.010	5.96976	25.00000	Averaged

TestAmerica Pittsburgh

Semivolatile REPORT SW-846 Method 8270

Data file : \\PITSVR06\D\chem\733.i\N112308.b\N1123STV.D
Lab Smp Id: stdver20 Client Smp ID: STDVER20
Inj Date : 24-NOV-2008 01:38
Operator : 3200 Inst ID: 733.i
Smp Info : STDVER20(10ug/ml) BNA0669-08 8270c
Misc Info : stdver20,N112308.b,8270ll.m,padep.sub
Comment :
Method : \\PITSVR06\D\chem\733.i\N112308.b\8270ll.m
Meth Date : 24-Nov-2008 01:45 piccolinov Quant Type: ISTD
Cal Date : 24-NOV-2008 01:18 Cal File: N1123IC7.D
Als bottle: 97
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: padep.sub
Target Version: 4.14
Processing Host: PITPC-502

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (NG)	FINAL (NG)
* 1	1,4-Dichlorobenzene-d4	152	4.501	4.498	(1.000)	125795	8.00000	
* 2	Naphthalene-d8	136	5.468	5.470	(1.000)	625082	8.00000	
* 3	Acenaphthene-d10	164	6.814	6.811	(1.000)	496982	8.00000	
* 4	Phenanthrene-d10	188	7.952	7.954	(1.000)	862594	8.00000	
* 5	Chrysene-d12	240	9.982	9.990	(1.000)	682926	8.00000	
* 6	Perylene-d12	264	11.344	11.347	(1.000)	540507	8.00000	
198	1,4-Dioxane	88	1.317	1.320	(0.293)	66208	19.1076	19.108
10	N-Nitrosodimethylamine	74	1.782	1.790	(0.396)	88823	19.9886	19.989
9	Pyridine	79	1.809	1.806	(0.402)	192150	22.9230	22.923
16	Methyl methanesulfonate	80	3.299	3.307	(0.733)	153251	20.9638	20.964
206	Benzaldehyde	77	4.154	4.156	(0.923)	265998	21.7836	21.784
21	Aniline	93	4.239	4.247	(0.942)	598305	24.5477	24.548
22	Phenol	94	4.239	4.247	(0.942)	473547	20.0615	20.061
23	bis(2-Chloroethyl)ether	93	4.298	4.306	(0.955)	328787	18.6223	18.622
24	2-Chlorophenol	128	4.335	4.338	(0.963)	407946	20.1727	20.173
26	1,3-Dichlorobenzene	146	4.453	4.455	(0.989)	476135	18.6896	18.690
27	1,4-Dichlorobenzene	146	4.512	4.514	(1.002)	501750	19.2564	19.256
28	1,2-Dichlorobenzene	146	4.629	4.632	(1.028)	477343	19.3007	19.301
29	Benzyl Alcohol	108	4.608	4.610	(1.024)	307159	22.6647	22.665
30	2-Methylphenol	108	4.699	4.706	(1.044)	378127	18.6231	18.623
31	2,2'-oxybis(1-Chloropropane)	45	4.715	4.717	(1.047)	447055	16.4052	16.405
37	Acetophenone	105	4.805	4.808	(1.068)	573730	18.9733	18.973
32	N-Nitroso-di-n-propylamine	70	4.811	4.819	(1.069)	238690	18.8551	18.855
192	4-Methylphenol	108	4.811	4.819	(1.069)	398015	19.0591	19.059
34	Hexachloroethane	117	4.891	4.893	(1.087)	225973	19.7849	19.785
35	Nitrobenzene	77	4.934	4.936	(0.902)	427106	19.4985	19.498
41	Isophorone	82	5.115	5.123	(0.936)	821845	19.6399	19.640
42	2-Nitrophenol	139	5.179	5.182	(0.947)	270664	21.5822	21.582
43	2,4-Dimethylphenol	107	5.217	5.219	(0.954)	463436	19.1739	19.174
44	bis(2-Chloroethoxy)methane	93	5.286	5.289	(0.967)	527283	19.4637	19.464
48	2,4-Dichlorophenol	162	5.361	5.364	(0.980)	462264	20.3288	20.329
49	Benzoic Acid	122	5.270	5.315	(0.964)	248676	19.2203	19.220(MH)
50	1,2,4-Trichlorobenzene	180	5.431	5.433	(0.993)	495126	19.7515	19.751

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (NG)	CONCENTRATIONS FINAL (NG)
51	Naphthalene	128	5.484	5.492	(1.003)	1460241	19.1408	19.141
52	4-Chloroaniline	127	5.527	5.529	(1.011)	608961	19.7748	19.775
54	2,6-Dichlorophenol	162	5.532	5.540	(1.012)	494529	20.3960	20.396
56	Hexachlorobutadiene	225	5.591	5.593	(1.022)	281427	18.7032	18.703
208	Caprolactam	113	5.772	5.802	(1.056)	149894	21.8624	21.862
59	4-Chloro-3-Methylphenol	107	5.895	5.898	(1.078)	468990	19.9658	19.966
62	2-Methylnaphthalene	142	6.013	6.015	(1.100)	1137276	19.5281	19.528
63	1-Methylnaphthalene	142	6.088	6.095	(1.113)	1136319	19.2392	19.239
64	Hexachlorocyclopentadiene	237	6.141	6.143	(0.901)	316147	20.3800	20.380
66	2,4,6-Trichlorophenol	196	6.227	6.234	(0.914)	386891	20.8678	20.868
67	2,4,5-Trichlorophenol	196	6.253	6.261	(0.918)	409896	19.6963	19.696
209	1,1'-Biphenyl	154	6.371	6.373	(0.935)	1440057	19.8378	19.838
70	2-Chloronaphthalene	162	6.387	6.389	(0.937)	1201188	19.7701	19.770
73	2-Nitroaniline	65	6.456	6.459	(0.947)	315778	20.5231	20.523
76	Dimethylphthalate	163	6.595	6.603	(0.968)	1305510	19.7642	19.764
78	2,6-Dinitrotoluene	165	6.638	6.646	(0.974)	300348	21.2636	21.264
79	Acenaphthylene	152	6.702	6.704	(0.984)	1945839	19.5581	19.558
81	3-Nitroaniline	138	6.766	6.774	(0.993)	380903	21.4412	21.441
82	Acenaphthene	153	6.836	6.838	(1.003)	1152762	19.4214	19.421
83	2,4-Dinitrophenol	184	6.846	6.854	(1.005)	113716	20.5998	20.600
85	4-Nitrophenol	109	6.889	6.897	(1.011)	164572	22.2686	22.269
86	Dibenzofuran	168	6.969	6.971	(1.023)	1870723	19.7116	19.712
87	2,4-Dinitrotoluene	165	6.948	6.955	(1.020)	403410	20.9281	20.928
91	2,3,5,6-Tetrachlorophenol	232	7.028	7.030	(1.031)	350873	20.3023	20.302
88	2,3,4,6-Tetrachlorophenol	232	7.060	7.068	(1.036)	376802	21.0776	21.078
92	2-Naphthylamine	143	7.081	7.089	(1.039)	1293963	38.0151	38.015
93	Diethylphthalate	149	7.135	7.137	(1.047)	1375222	19.8944	19.894
94	Fluorene	166	7.231	7.233	(1.061)	1339878	19.3201	19.320
95	4-Chlorophenyl-phenylether	204	7.225	7.228	(1.060)	647991	18.8365	18.836
96	4-Nitroaniline	138	7.231	7.244	(1.061)	335444	19.3202	19.320
98	4,6-Dinitro-2-methylphenol	198	7.263	7.265	(0.913)	200028	20.6435	20.644
99	N-Nitrosodiphenylamine (1)	169	7.316	7.319	(0.920)	1048924	19.5088	19.509
100	1,2-Diphenylhydrazine	77	7.348	7.351	(0.924)	1517208	20.4616	20.462
106	4-Bromophenyl-phenylether	248	7.599	7.602	(0.956)	415045	20.5137	20.514
107	Hexachlorobenzene	284	7.658	7.666	(0.963)	443801	20.0640	20.064
210	Atrazine	200	7.717	7.719	(0.970)	394852	35.6702	35.670
111	Pentachlorophenol	266	7.802	7.805	(0.981)	268063	19.9390	19.939
115	Phenanthrene	178	7.968	7.970	(1.002)	2116710	18.7173	18.717
116	Anthracene	178	8.005	8.008	(1.007)	2258873	20.3456	20.346
119	Carbazole	167	8.123	8.131	(1.021)	2201687	20.4402	20.440
120	Di-n-Butylphthalate	149	8.379	8.382	(1.054)	2678490	21.4052	21.405
123	Fluoranthene	202	8.882	8.884	(1.117)	2432167	20.2620	20.262
124	Benzidine	184	8.972	8.975	(0.899)	1201373	31.1564	31.156
125	Pyrene	202	9.058	9.066	(0.907)	2518644	20.3446	20.344
131	Butylbenzylphthalate	149	9.523	9.525	(0.954)	1123797	22.0043	22.004
135	3,3'-Dichlorobenzidine	252	9.939	9.942	(0.996)	713299	21.3504	21.350
136	Benzo(a)Anthracene	228	9.971	9.979	(0.999)	2050090	20.4676	20.468
137	Chrysene	228	10.003	10.006	(1.002)	1971534	19.9114	19.911
139	bis(2-ethylhexyl)Phthalate	149	9.950	9.952	(0.997)	1567796	21.3908	21.391
140	Di-n-octylphthalate	149	10.468	10.471	(0.923)	3136506	22.4943	22.494
141	Benzo(b)fluoranthene	252	10.928	10.941	(0.963)	2087101	20.4947	20.495
142	Benzo(k)fluoranthene	252	10.954	10.967	(0.966)	2064780	20.0457	20.046
143	7,12-dimethylbenz(a)anthracen	256	10.912	10.925	(0.962)	916511	20.9347	20.935
146	Benzo(a)pyrene	252	11.280	11.288	(0.994)	1778604	21.3456	21.346

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (NG)	CONCENTRATIONS FINAL (NG)
149 Indeno(1,2,3-cd)pyrene	276	12.728	12.736	(1.122)	1844009	20.8014	20.801
150 Dibenz(a,h)anthracene	278	12.733	12.752	(1.122)	1538112	20.3955	20.395
151 Benzo(g,h,i)perylene	276	13.139	13.158	(1.158)	1550598	20.3183	20.318
$ 154 Nitrobenzene-d5	82	Compound Not Detected.					
$ 155 2-Fluorobiphenyl	172	Compound Not Detected.					
$ 156 Terphenyl-d14	244	Compound Not Detected.					
$ 157 Phenol-d5	99	Compound Not Detected.					
$ 158 2-Fluorophenol	112	Compound Not Detected.					
$ 159 2,4,6-Tribromophenol	329	Compound Not Detected.					
$ 186 2-Chlorophenol-d4	132	Compound Not Detected.					
$ 187 1,2-Dichlorobenzene-d4	152	Compound Not Detected.					

QC Flag Legend

M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

TestAmerica Pittsburgh

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: 733.i
Lab File ID: N12190CC.D
Analysis Type:
Lab Sample ID: sstd4.0
Method: \\PITSVR06\D\chem\733.i\N121908.b\827011.m

Injection Date: 18-DEC-2008 23:58
Init. Cal. Date(s): 30-OCT-2008 24-NOV-2008
Init. Cal. Times: 04:17 01:18
Quant Type: ISTD

COMPOUND	RRF / AMOUNT	RF4	CCAL RRF4	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE
198 1,4-Dioxane	0.22036	0.19506	0.19506	0.010	11.48127	25.00000	Averaged
10 N-Nitrosodimethylamine	0.28260	0.32488	0.32488	0.010	-14.96294	25.00000	Averaged
9 Pyridine	0.53308	0.59908	0.59908	0.010	-12.38042	25.00000	Averaged
16 Methyl methanesulfonate	0.46490	0.51055	0.51055	0.010	-9.81957	25.00000	Averaged
206 Benzaldehyde	4.00000	3.40838	0.51277	0.010	14.79046	0.000e+000	Quadratic
21 Aniline	1.55003	1.54709	1.54709	0.010	0.18974	25.00000	Averaged
22 Phenol	1.50116	1.55737	1.55737	0.010	-3.74462	20.00000	Averaged
23 bis(2-Chloroethyl)ether	1.12281	1.12610	1.12610	0.010	-0.29314	25.00000	Averaged
24 2-Chlorophenol	1.28607	1.36222	1.36222	0.010	-5.92092	25.00000	Averaged
26 1,3-Dichlorobenzene	1.62015	1.60021	1.60021	0.010	1.23110	25.00000	Averaged
27 1,4-Dichlorobenzene	1.65706	1.70200	1.70200	0.010	-2.71187	20.00000	Averaged
28 1,2-Dichlorobenzene	1.57284	1.62327	1.62327	0.010	-3.20651	25.00000	Averaged
29 Benzyl Alcohol	0.86187	0.77130	0.77130	0.010	10.50798	25.00000	Averaged
30 2-Methylphenol	1.29126	1.39179	1.39179	0.010	-7.78604	25.00000	Averaged
31 2,2'-oxybis(1-Chloropropane	1.73303	1.95993	1.95993	0.010	-13.09303	25.00000	Averaged
37 Acetophenone	1.92305	2.00154	2.00154	0.010	-4.08170	25.00000	Averaged
32 N-Nitroso-di-n-propylamine	0.80507	0.82154	0.82154	0.050	-2.04677	50.00000	Averaged
192 4-Methylphenol	1.32807	1.36000	1.36000	0.010	-2.40401	25.00000	Averaged
34 Hexachloroethane	0.72636	0.76174	0.76174	0.010	-4.87096	25.00000	Averaged
35 Nitrobenzene	0.28034	0.32095	0.32095	0.010	-14.48445	25.00000	Averaged
41 Isophorone	0.53555	0.54416	0.54416	0.010	-1.60721	25.00000	Averaged
42 2-Nitrophenol	0.16050	0.17691	0.17691	0.010	-10.21864	20.00000	Averaged
43 2,4-Dimethylphenol	0.30934	0.31513	0.31513	0.010	-1.87401	25.00000	Averaged
44 bis(2-Chloroethoxy)methane	0.34671	0.35635	0.35635	0.010	-2.77898	25.00000	Averaged
48 2,4-Dichlorophenol	0.29103	0.29403	0.29403	0.010	-1.03271	20.00000	Averaged
49 Benzoic Acid	10.00000	9.66808	0.13179	0.010	3.31917	0.000e+000	Quadratic
50 1,2,4-Trichlorobenzene	0.32083	0.32797	0.32797	0.010	-2.22772	25.00000	Averaged
51 Naphthalene	0.97638	1.00085	1.00085	0.010	-2.50673	25.00000	Averaged
52 4-Chloroaniline	0.39412	0.36912	0.36912	0.010	6.34408	25.00000	Averaged
54 2,6-Dichlorophenol	0.31031	0.32148	0.32148	0.010	-3.59957	25.00000	Averaged
56 Hexachlorobutadiene	0.19258	0.20411	0.20411	0.010	-5.99033	20.00000	Averaged
208 Caprolactam	0.08775	0.07854	0.07854	0.010	10.49809	25.00000	Averaged
59 4-Chloro-3-Methylphenol	0.30063	0.29540	0.29540	0.010	1.73862	20.00000	Averaged
62 2-Methylnaphthalene	0.74535	0.70191	0.70191	0.010	5.82825	25.00000	Averaged
63 1-Methylnaphthalene	0.75590	0.70383	0.70383	0.010	6.88854	25.00000	Averaged
64 Hexachlorocyclopentadiene	0.24971	0.23652	0.23652	0.050	5.28140	50.00000	Averaged
66 2,4,6-Trichlorophenol	0.29844	0.33264	0.33264	0.010	-11.45681	20.00000	Averaged
67 2,4,5-Trichlorophenol	0.33500	0.32641	0.32641	0.010	2.56294	25.00000	Averaged
209 1,1'-Biphenyl	1.16852	1.31348	1.31348	0.010	-12.40544	25.00000	Averaged
70 2-Chloronaphthalene	0.97803	1.07061	1.07061	0.010	-9.46628	25.00000	Averaged
73 2-Nitroaniline	0.24768	0.28652	0.28652	0.010	-15.68105	25.00000	Averaged
76 Dimethylphthalate	1.06329	1.10173	1.10173	0.010	-3.61519	25.00000	Averaged

TestAmerica Pittsburgh

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: 733.i
Lab File ID: N12190CC.D
Analysis Type:
Lab Sample ID: sstd4.0
Method: \\PITSVR06\D\chem\733.i\N121908.b\827011.m

Injection Date: 18-DEC-2008 23:58
Init. Cal. Date(s): 30-OCT-2008 24-NOV-2008
Init. Cal. Times: 04:17 01:18
Quant Type: ISTD

COMPOUND	RRF / AMOUNT	RF4	CCAL RRF4	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE
78 2,6-Dinitrotoluene	0.22737	0.23220	0.23220	0.010	-2.12530	25.00000	Averaged
79 Acenaphthylene	1.60151	1.70315	1.70315	0.010	-6.34665	25.00000	Averaged
81 3-Nitroaniline	0.28597	0.27093	0.27093	0.010	5.25859	25.00000	Averaged
82 Acenaphthene	0.95545	1.04254	1.04254	0.010	-9.11516	20.00000	Averaged
83 2,4-Dinitrophenol	10.00000	12.48252	0.08987	0.050	-24.82515	0.000e+000	Quadratic
85 4-Nitrophenol	0.11896	0.14167	0.14167	0.050	-19.08421	50.00000	Averaged
86 Dibenzofuran	1.52770	1.55572	1.55572	0.010	-1.83433	25.00000	Averaged
87 2,4-Dinitrotoluene	0.31029	0.33288	0.33288	0.010	-7.28202	25.00000	Averaged
91 2,3,5,6-Tetrachlorophenol	0.27820	0.29260	0.29260	0.010	-5.17791	25.00000	Averaged
88 2,3,4,6-Tetrachlorophenol	0.28777	0.29804	0.29804	0.010	-3.56878	25.00000	Averaged
92 2-Naphthylamine	0.54792	0.47041	0.47041	0.010	14.14522	25.00000	Averaged
93 Diethylphthalate	1.11273	1.14033	1.14033	0.010	-2.47983	25.00000	Averaged
94 Fluorene	4.00000	3.88673	1.23561	0.010	2.83171	0.000e+000	Quadratic
95 4-Chlorophenyl-phenylether	0.55376	0.57242	0.57242	0.010	-3.37076	25.00000	Averaged
96 4-Nitroaniline	0.27948	0.29103	0.29103	0.010	-4.13251	25.00000	Averaged
98 4,6-Dinitro-2-methylphenol	10.00000	11.95743	0.09343	0.010	-19.57426	0.000e+000	Quadratic
99 N-Nitrosodiphenylamine (1)	0.49865	0.52145	0.52145	0.010	-4.57245	20.00000	Averaged
100 1,2-Diphenylhydrazine	0.68769	0.79010	0.79010	0.010	-14.89238	25.00000	Averaged
106 4-Bromophenyl-phenylether	0.18764	0.19601	0.19601	0.010	-4.46065	25.00000	Averaged
107 Hexachlorobenzene	0.20514	0.20587	0.20587	0.010	-0.35507	25.00000	Averaged
210 Atrazine	0.10266	0.10426	0.10426	0.010	-1.55604	25.00000	Averaged
111 Pentachlorophenol	10.00000	9.93079	0.11553	0.010	0.69213	0.000e+000	Quadratic
115 Phenanthrene	1.04882	1.01920	1.01920	0.010	2.82379	25.00000	Averaged
116 Anthracene	1.02969	1.07640	1.07640	0.010	-4.53681	25.00000	Averaged
119 Carbazole	0.99897	0.99349	0.99349	0.010	0.54867	25.00000	Averaged
120 Di-n-Butylphthalate	1.16053	1.19362	1.19362	0.010	-2.85119	25.00000	Averaged
123 Fluoranthene	1.11326	1.10456	1.10456	0.010	0.78145	20.00000	Averaged
124 Benzidine	4.00000	3.38352	0.22428	0.010	15.41203	0.000e+000	Quadratic
125 Pyrene	1.45022	1.40790	1.40790	0.010	2.91855	25.00000	Averaged
131 Butylbenzylphthalate	0.59827	0.64102	0.64102	0.010	-7.14547	25.00000	Averaged
135 3,3'-Dichlorobenzidine	0.39136	0.39988	0.39988	0.010	-2.17502	25.00000	Averaged
136 Benzo(a)Anthracene	1.17334	1.13602	1.13602	0.010	3.18030	25.00000	Averaged
137 Chrysene	1.15989	1.14187	1.14187	0.010	1.55379	25.00000	Averaged
139 bis(2-ethylhexyl)Phthalate	0.85858	0.90679	0.90679	0.010	-5.61539	25.00000	Averaged
140 Di-n-octylphthalate	2.06377	1.80527	1.80527	0.010	12.52598	20.00000	Averaged
141 Benzo(b)fluoranthene	1.50726	1.58132	1.58132	0.010	-4.91329	25.00000	Averaged
142 Benzo(k)fluoranthene	1.52455	1.42051	1.42051	0.010	6.82394	25.00000	Averaged
143 7,12-dimethylbenz[a]anthrac	0.64798	0.59811	0.59811	0.010	7.69582	25.00000	Averaged
146 Benzo(a)pyrene	1.23327	1.24466	1.24466	0.010	-0.92323	20.00000	Averaged
149 Indeno(1,2,3-cd)pyrene	1.31207	1.40763	1.40763	0.010	-7.28300	25.00000	Averaged
150 Dibenz(a,h)anthracene	1.11620	1.22195	1.22195	0.010	-9.47438	25.00000	Averaged
151 Benzo(g,h,i)perylene	1.12954	1.25846	1.25846	0.010	-11.41376	25.00000	Averaged

TestAmerica Pittsburgh

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: 733.i Injection Date: 18-DEC-2008 23:58
Lab File ID: N12190CC.D Init. Cal. Date(s): 30-OCT-2008 24-NOV-2008
Analysis Type: Init. Cal. Times: 04:17 01:18
Lab Sample ID: sstd4.0 Quant Type: ISTD
Method: \\PITSVR06\D\chem\733.i\N121908.b\8270ll.m

COMPOUND	RRF / AMOUNT	RF4	CCAL RRF4	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE
$ 154 Nitrobenzene-d5	0.27834	0.32094	0.32094	0.010	-15.30791	25.00000	Averaged
$ 155 2-Fluorobiphenyl	1.04579	1.18663	1.18663	0.010	-13.46747	25.00000	Averaged
$ 156 Terphenyl-d14	0.85789	0.84712	0.84712	0.010	1.25535	25.00000	Averaged
$ 157 Phenol-d5	1.35311	1.43718	1.43718	0.010	-6.21272	25.00000	Averaged
$ 158 2-Fluorophenol	1.01068	1.03156	1.03156	0.010	-2.06647	25.00000	Averaged
$ 159 2,4,6-Tribromophenol	0.08634	0.09362	0.09362	0.010	-8.43145	25.00000	Averaged
$ 186 2-Chlorophenol-d4	1.44807	1.49266	1.49266	0.010	-3.07902	25.00000	Averaged
$ 187 1,2-Dichlorobenzene-d4	0.97710	0.99177	0.99177	0.010	-1.50076	25.00000	Averaged

METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: C8L100288 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: C8L110000-399 **Prep Batch #...:** 8346399						
Silver	ND	5.0	ug/L	SW846 6010B	12/11-12/27/08	K4H7T1AF
		Dilution Factor: 1				
		Analysis Time..: 12:02		Analyst ID.....: 022952	Instrument ID..: TRA	
Aluminum	ND	200	ug/L	SW846 6010B	12/11-12/27/08	K4H7T1AG
		Dilution Factor: 1				
		Analysis Time..: 12:02		Analyst ID.....: 022952	Instrument ID..: TRA	
Arsenic	ND	10.0	ug/L	SW846 6010B	12/11-12/27/08	K4H7T1AH
		Dilution Factor: 1				
		Analysis Time..: 12:02		Analyst ID.....: 022952	Instrument ID..: TRA	
Barium	ND	200	ug/L	SW846 6010B	12/11-12/27/08	K4H7T1AJ
		Dilution Factor: 1				
		Analysis Time..: 12:02		Analyst ID.....: 022952	Instrument ID..: TRA	
Beryllium	ND	4.0	ug/L	SW846 6010B	12/11-12/27/08	K4H7T1AK
		Dilution Factor: 1				
		Analysis Time..: 12:02		Analyst ID.....: 022952	Instrument ID..: TRA	
Calcium	**35.6 B**	**5000**	**ug/L**	**SW846 6010B**	**12/11-12/27/08**	**K4H7T1AL**
	x5 = 178	Dilution Factor: 1				
		Analysis Time..: 12:02		Analyst ID.....: 022952	Instrument ID..: TRA	
Cadmium	ND	5.0	ug/L	SW846 6010B	12/11-12/27/08	K4H7T1AM
		Dilution Factor: 1				
		Analysis Time..: 12:02		Analyst ID.....: 022952	Instrument ID..: TRA	
Cobalt	ND	50.0	ug/L	SW846 6010B	12/11-12/27/08	K4H7T1AN
		Dilution Factor: 1				
		Analysis Time..: 12:02		Analyst ID.....: 022952	Instrument ID..: TRA	
Chromium	ND	5.0	ug/L	SW846 6010B	12/11-12/27/08	K4H7T1AP
		Dilution Factor: 1				
		Analysis Time..: 12:02		Analyst ID.....: 022952	Instrument ID..: TRA	
Copper	ND	25.0	ug/L	SW846 6010B	12/11-12/27/08	K4H7T1AQ
		Dilution Factor: 1				
		Analysis Time..: 12:02		Analyst ID.....: 022952	Instrument ID..: TRA	
Iron	ND	100	ug/L	SW846 6010B	12/11-12/27/08	K4H7T1AR
		Dilution Factor: 1				
		Analysis Time..: 12:02		Analyst ID.....: 022952	Instrument ID..: TRA	

(Continued on next page)

METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: C8L100288 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Potassium	ND	5000	ug/L	SW846 6010B	12/11-12/27/08	K4H7T1AT
		Dilution Factor: 1				
		Analysis Time..: 12:02		Analyst ID.....: 022952	Instrument ID..: TRA	
Magnesium	ND	5000	ug/L	SW846 6010B	12/11-12/27/08	K4H7T1AU
		Dilution Factor: 1				
		Analysis Time..: 12:02		Analyst ID.....: 022952	Instrument ID..: TRA	
Manganese	ND	15.0	ug/L	SW846 6010B	12/11-12/27/08	K4H7T1AV
		Dilution Factor: 1				
		Analysis Time..: 12:02		Analyst ID.....: 022952	Instrument ID..: TRA	
Sodium	ND	5000	ug/L	SW846 6010B	12/11-12/27/08	K4H7T1AW
		Dilution Factor: 1				
		Analysis Time..: 12:02		Analyst ID.....: 022952	Instrument ID..: TRA	
Nickel	ND	40.0	ug/L	SW846 6010B	12/11-12/27/08	K4H7T1AX
		Dilution Factor: 1				
		Analysis Time..: 12:02		Analyst ID.....: 022952	Instrument ID..: TRA	
Lead	ND	3.0	ug/L	SW846 6010B	12/11-12/27/08	K4H7T1A0
		Dilution Factor: 1				
		Analysis Time..: 12:02		Analyst ID.....: 022952	Instrument ID..: TRA	
Selenium	ND	5.0	ug/L	SW846 6010B	12/11-12/27/08	K4H7T1A1
		Dilution Factor: 1				
		Analysis Time..: 12:02		Analyst ID.....: 022952	Instrument ID..: TRA	
Thallium	ND	10.0	ug/L	SW846 6010B	12/11-12/27/08	K4H7T1AA
		Dilution Factor: 1				
		Analysis Time..: 12:02		Analyst ID.....: 022952	Instrument ID..: TRA	
Antimony	ND	10.0	ug/L	SW846 6010B	12/11-12/27/08	K4H7T1AC
		Dilution Factor: 1				
		Analysis Time..: 12:02		Analyst ID.....: 022952	Instrument ID..: TRA	
Vanadium	ND	50.0	ug/L	SW846 6010B	12/11-12/27/08	K4H7T1AD
		Dilution Factor: 1				
		Analysis Time..: 12:02		Analyst ID.....: 022952	Instrument ID..: TRA	
Zinc	**3.7 B**	**20.0**	**ug/L**	**SW846 6010B**	**12/11-12/27/08**	**K4H7T1AE**
		Dilution Factor: 1				
		Analysis Time..: 12:02		Analyst ID.....: 022952	Instrument ID..: TRA	

(Continued on next page)

TestAmerica Pittsburgh

Metals Data Reporting Form

Initial Calibration Blank Results

Instrument: ICPST **Units:** ug/L

Chart Number: T81227A.ARC

Standard Source: _____ **Standard ID:** _____

Element	WL/ Mass	Report Limit	ICB1 12/27/2008 11:23 AM Found	Q	Found	Q	Found	Q	Found	Q	Found	Q
Aluminum	308.215	200	16.2	U								
Antimony	220.353	10	1.8	U								
Arsenic	189.042	10	2.0	U								
Barium	493.409	200	**0.7**	**B**								
Beryllium	313.042	4	**0.3**	**B**								
Cadmium	226.502	5	0.2	U								
Calcium	317.933	5000	**20.9**	**B**								
Chromium	267.716	5	1.1	U								
Cobalt	228.616	50	**0.6**	**B**								
Copper	324.753	25	4.6	U								
Iron	271.441	100	**19.7**	**B**								
Lead	220.353	3	1.7	U								
Magnesium	279.078	5000	21.8	U								
Manganese	257.61	15	**0.7**	**B**								
Nickel	231.604	40	**0.8**	**B**								
Potassium	766.491	5000	750.0	U								
Selenium	220.353	5	2.9	U								
Silver	328.068	5	0.5	U								
Sodium	330.232	5000	**-470.0**	**B**								
Thallium	190.864	10	2.8	U								
Vanadium	292.402	50	2.4	U								
Zinc	213.856	20	3.1	U								

U Result is less than the MDL

B Result is between MDL and RL

Form 3 Equivalent

TestAmerica Pittsburgh

Metals Data Reporting Form

Continuing Calibration Blank Result

Instrument: ICPST **Units:** ug/L

Chart Number: T81227A.ARC

Standard Source: _____ **Standard ID:** _____

Element	WL/ Mass	Report Limit	CCB1 12/27/2008 11:51 AM Found	Q	CCB2 12/27/2008 12:57 PM Found	Q	CCB3 12/27/2008 2:02 PM Found	Q	CCB4 12/27/2008 3:08 PM Found	Q	CCB5 12/27/2008 4:18 PM Found	Q
Aluminum	308.215	200	16.2	U	16.2	U	16.2	U	16.2	U	16.2	U
Antimony	220.353	10	1.8	U	1.8	U	1.8	U	1.8	U	1.8	U
Arsenic	189.042	10	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U
Barium	493.409	200	**0.3**	**B**	0.3	U	0.3	U	**0.3**	**B**	0.3	U
Beryllium	313.042	4	0.2	U	0.2	U	0.2	U	**-0.2**	**B**	**-0.2**	**B**
Cadmium	226.502	5	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
Calcium	317.933	5000	17.7	U	17.7	U	17.7	U	**19.0**	**B**	17.7	U
Chromium	267.716	5	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U
Cobalt	228.616	50	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Copper	324.753	25	4.6	U	4.6	U	4.6	U	4.6	U	4.6	U
Iron	271.441	100	**9.5**	**B**	8.4	U	**12.3**	**B**	**12.1**	**B**	8.4	U
Lead	220.353	3	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U
Magnesium	279.078	5000	21.8	U	21.8	U	21.8	U	21.8	U	21.8	U
Manganese	257.61	15	0.6	U	0.6	U	0.6	U	0.6	U	0.6	U
Nickel	231.604	40	0.8	U	0.8	U	**1.6**	**B**	**1.1**	**B**	**1.2**	**B**
Potassium	766.491	5000	750.0	U	750.0	U	750.0	U	750.0	U	750.0	U
Selenium	220.353	5	2.9	U	2.9	U	2.9	U	2.9	U	2.9	U
Silver	328.068	5	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Sodium	330.232	5000	**-520.0**	**B**	**-400.0**	**B**	**-350.0**	**B**	**-300.0**	**B**	**-440.0**	**B**
Thallium	190.864	10	2.8	U	**2.8**	**B**	2.8	U	2.8	U	2.8	U
Vanadium	292.402	50	2.4	U	2.4	U	2.4	U	2.4	U	2.4	U
Zinc	213.856	20	3.1	U	3.1	U	3.1	U	3.1	U	3.1	U

U Result is less than the MDL
B Result is between MDL and RL

Form 3 Equivalent

TestAmerica Pittsburgh

Metals Data Reporting Form

Continuing Calibration Blank Result

Instrument: ICPST **Units:** ug/L

Chart Number: T81227A.ARC

Standard Source: _____ **Standard ID:** _____

Element	WL/ Mass	Report Limit	CCB6 12/27/2008 5:24 PM Found	Q	CCB7 12/27/2008 6:30 PM Found	Q	CCB8 12/27/2008 7:36 PM Found	Q	CCB9 12/27/2008 8:42 PM Found	Q	CCB10 12/27/2008 9:48 PM Found	Q
Aluminum	308.215	200	16.2	U	16.2	U	16.2	U	16.2	U	16.2	U
Antimony	220.353	10	1.8	U	1.8	U	1.8	U	1.8	U	1.8	U
Arsenic	189.042	10	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U
Barium	493.409	200	0.3	U	**0.3**	**B**	**0.3**	**B**	0.3	U	0.3	U
Beryllium	313.042	4	**-0.4**	**B**	0.2	U	0.2	U	0.2	U	0.2	U
Cadmium	226.502	5	0.2	U	0.2	U	0.2	U	**0.2**	**B**	0.2	U
Calcium	317.933	5000	17.7	U	17.7	U	17.7	U	17.7	U	17.7	U
Chromium	267.716	5	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U
Cobalt	228.616	50	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Copper	324.753	25	4.6	U	4.6	U	4.6	U	4.6	U	4.6	U
Iron	271.441	100	8.4	U	8.4	U	**9.7**	**B**	**9.3**	**B**	**10.3**	**B**
Lead	220.353	3	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U
Magnesium	279.078	5000	21.8	U	21.8	U	21.8	U	21.8	U	21.8	U
Manganese	257.61	15	0.6	U	0.6	U	0.6	U	0.6	U	0.6	U
Nickel	231.604	40	**1.2**	**B**	**1.4**	**B**	**1.3**	**B**	**1.0**	**B**	**0.9**	**B**
Potassium	766.491	5000	750.0	U	750.0	U	750.0	U	750.0	U	750.0	U
Selenium	220.353	5	2.9	U	2.9	U	2.9	U	2.9	U	2.9	U
Silver	328.068	5	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Sodium	330.232	5000	**-460.0**	**B**	**-490.0**	**B**	**-450.0**	**B**	**-360.0**	**B**	**-410.0**	**B**
Thallium	190.864	10	2.8	U	2.8	U	2.8	U	2.8	U	**4.0**	**B**
Vanadium	292.402	50	2.4	U	2.4	U	2.4	U	2.4	U	2.4	U
Zinc	213.856	20	3.1	U	3.1	U	3.1	U	3.1	U	3.1	U

U Result is less than the MDL
B Result is between MDL and RL

Form 3 Equivalent

TestAmerica Pittsburgh

Metals Data Reporting Form

Continuing Calibration Blank Result

Instrument: ICPST **Units:** ug/L

Chart Number: T81227A.ARC

Standard Source: _____ **Standard ID:** _____

Element	WL/ Mass	Report Limit	CCB11 12/27/2008 10:54 PM Found	Q	CCB12 12/28/2008 12:00 AM Found	Q	CCB13 12/28/2008 1:07 AM Found	Q	Found	Q	Found	Q
Aluminum	308.215	200	16.2	U	16.2	U	16.2	U				
Antimony	220.353	10	1.8	U	1.8	U	1.8	U				
Arsenic	189.042	10	2.0	U	2.0	U	2.0	U				
Barium	493.409	200	**0.3**	**B**	0.3	U	0.3	U				
Beryllium	313.042	4	0.2	U	**-0.3**	**B**	0.2	U				
Cadmium	226.502	5	0.2	U	0.2	U	0.2	U				
Calcium	317.933	5000	17.7	U	17.7	U	17.7	U				
Chromium	267.716	5	1.1	U	1.1	U	1.1	U				
Cobalt	228.616	50	0.5	U	0.5	U	0.5	U				
Copper	324.753	25	4.6	U	4.6	U	4.6	U				
Iron	271.441	100	8.4	U	**9.4**	**B**	8.4	U				
Lead	220.353	3	1.7	U	1.7	U	1.7	U				
Magnesium	279.078	5000	21.8	U	21.8	U	21.8	U				
Manganese	257.61	15	0.6	U	0.6	U	0.6	U				
Nickel	231.604	40	**1.0**	**B**	**1.0**	**B**	**1.3**	**B**				
Potassium	766.491	5000	750.0	U	750.0	U	750.0	U				
Selenium	220.353	5	2.9	U	2.9	U	2.9	U				
Silver	328.068	5	0.5	U	0.5	U	0.5	U				
Sodium	330.232	5000	**-480.0**	**B**	**-360.0**	**B**	**-310.0**	**B**				
Thallium	190.864	10	2.8	U	2.8	U	2.8	U				
Vanadium	292.402	50	2.4	U	2.4	U	2.4	U				
Zinc	213.856	20	3.1	U	3.1	U	3.1	U				

U Result is less than the MDL
B Result is between MDL and RL

Form 3 Equivalent

CASE NARRATIVE

AECOM
Schenectady RI

Lot # C8L110371

Sample Receiving:
TestAmerica's Pittsburgh laboratory received samples on December 11, 2008. The coolers were received within the proper temperature range.

If project specific QC was not required for samples contained in this report and batch QC was completed on these samples, anomalous results will be discussed below.

GC/MS Volatiles:
Due to the concentration of compounds detected, several samples were analyzed at a dilution.

GC/MS Semivolatiles:
Due to the concentration of target compounds detected, several samples were analyzed at a dilution. The 20X dilution of sample MW-12D dilution had the surrogates diluted out. Two sets of results were reported for the sample.

Metals:
The serial dilution of sample MW-12 was outside of the percent difference control limits for aluminum. The result was flagged with an "E" qualifier.

Sample MW-7, CTM-MW-1, and MW-9 contained sodium over the instrument's linear range and required dilution.

The method blank had analytes detected at concentrations between the MDL and the reporting limit. The results were flagged with a "B" qualifier. Any sample associated with a method blank that had the same analyte detected had the result flagged with a "J" qualifier.

For the matrix spike and matrix spike duplicate of sample MW-12, manganese, and iron recoveries were not calculated due to the concentration of analyte in the sample being >4 times the concentration of spike added.

For the matrix spike and matrix spike duplicate of sample MW-12, aluminum recovered above control limits. The RPD between the spikes and the recovery of the laboratory control sample were within the control limits.

General Chemistry:
There were no problems associated with the analysis.

C8L110371

Chain of Custody Record

Temperature on Receipt _____

Drinking Water? Yes ☐ No ☒

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TAL-4124 (1007)

Client	Project Manager	Date	Chain of Custody Number
ENSR/AECOM	James Edwards	12/10/08	119002
Address	**Telephone Number (Area Code)/Fax Number**	**Lab Number**	**Page 1 of 1**
1001 W. Seneca ST	(607) 277-5716		
City / State / Zip Code	**Site Contact**	**Lab Contact**	
Ithaca / NY / 14850	K. Stahle	D. Dunlap	
Project Name and Location (State)	**Carrier/Waybill Number**		
Schenectady Former MGP			
Contract/Purchase Order/Quote No.			

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Containers & Preservatives: Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	Analysis: TCL/SVOC 8270C	TCL VOC 8260B	TAL Metals 6010C - 7000	TAL Cr VI 7196A	Special Instructions/ Conditions of Receipt
MW-6	12/10/08	0730		X			2						X				
MW-12	12/10/08	0900		X			2		1	3	1		X	X	X	X	
MW-12D	12/10/08	0955		X			2		1	3	1		X	X	X	X	
MW-7D	12/10/08	1100		X			2		1	3	1		X	X	X	X	
MW-7	12/10/08	1145		X			2		1	3	1		X	X	X	X	
CTM-14	12/10/08	834		X			2		1	3	1		X	X	X	X	
CTM-MW-1	12/10/08	1155		X			2		1	3	1		X	X	X	X	
MW-9	12/10/08	1012		X			2		1	3	1		X	X	X	X	
MW-13D	12/10/08	1430		X			2		1	3	1		X	X	X	X	
TRIP BLANK																	
MW-16D	12/10/08	1440		X			2		1	3	1		X	X	X	X	
MW-1600D	12/10/08	1600		X			2		1	3	1		X	X	X	X	

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months (A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required
☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☐ Other _____

QC Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By	12/10/08	1630	1. Received By	12/11/08	0950
2. Relinquished By			2. Received By		
3. Relinquished By			3. Received By		

Comments

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

6

(1 - 158)

Cooler Receipt Form
TestAmerica Pittsburgh

Client: ENSR Project: Schenectady Quote: 72910

Cooler Rec'd & Opened for Temp. Check on: 12/11/08

Coolers Opened and Unpacked on: 12/11/08 By: [signature] (Signature)

TestAmerica Pittsburgh Lot Number: C8L110371

		Yes	No	NA
1.	Were custody seals on the outside of the cooler?		✓	
	If YES, how many and where? Quantity __ Location			
	Were signatures and date correct?			✓
2.	Were custody papers included inside the cooler?	✓		
3.	Were custody papers properly filled out (ink, signed, match labels)?	✓		
4.	Did you sign the custody papers in the appropriate place?	✓		
5.	Was shippers packing slip attached to this form?	✓		
6.	Were packing materials used?	✓		
	If YES, what type? Bubble Bags			
7.	Were the samples received within the acceptable temperature range?	✓		
8.	Were the samples appropriately preserved?	✓		
9.	Were all bottles sealed in separate plastic bags?	✓		
10.	Did all bottles arrive in good condition (unbroken)?	✓		
11.	Were all bottle labels complete (sample ID, preservatives, etc.)?	✓		
12.	Did all bottle labels and/or tags agree with custody papers?	✓		
13.	Were correct bottles used for tests indicated?	✓		
14.	Were all VOA vials checked for the presence of air bubbles?	✓		
15.	Was a sufficient amount of sample sent in each bottle?	✓		

16. Samples received by: FEDEX UPS CLIENT DROP-OFF OTHER DHL US CARGO

Explain any discrepancies:

Level 2 Review

Was contacted on _____ by _____ to resolve discrepancies.

Cooler Receipt Form

TestAmerica Pittsburgh

P: Preserved
UP: Unpreserved

Sample ID	TMET PH<2	DMET PH<2	HG PH<2	NUT(1) PH<2	CN PH ≥12	OG TPHC PH<2	PHEN PH<2	SULF PH ≥12	TOC PH<2	TOX PH<2	VOA P/UP	hrdnss PH<2			
MW12	<2				≥12						P				
12D	↓				↓						↓				
7D															
CTM-14															
CTM-MW1															
MW-9															
MW130	↓				↓										
Trip Blank															
MW-16D	<2				≥12										
MW-16BD	<2				≥12						↓				

(1) "NUT" could include sample bottles for ammonia, chemical oxygen demand, nitrate/nitrite, TKN, or total phosphorus

Comments: _____

Cooler Number	Temperature*	Thermometer ID
1	5.9	10
2	3.1	10
3	6.0	10

*Acceptable Temperature Range: 4°C ± 2°C

Sample	Lot Number**

**Please use an asterisk if bottle lot number was covered by the label

If samples required preservation in the laboratory, the following lot number(s) was/were used:

Nitric Acid _____ Hydrochloric Acid _____

Sulfuric Acid _____ Sodium Hydroxide _____

TestAmerica Pittsburgh

ICV

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: hp5.i
Lab File ID: 51217004.D
Analysis Type: WATER
Lab Sample ID: ver10
Method: \\PITSVR06\D\chem\hp5.i\5121708d.b\8260ee.m

Injection Date: 17-DEC-2008 13:15
Init. Cal. Date(s): 17-DEC-2008 17-DEC-2008
Init. Cal. Times: 08:55 11:14
Quant Type: ISTD

COMPOUND	RRF / AMOUNT	RF10	CCAL RRF10	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE
$ 39 Dibromofluoromethane	0.21284	0.22443	0.22443	0.010	-5.44387	25.00000	Averaged
$ 43 1,2-Dichloroethane-d4	0.24688	0.25031	0.25031	0.010	-1.39182	25.00000	Averaged
$ 59 Toluene-d8	3.62802	3.70927	3.70927	0.010	-2.23950	25.00000	Averaged
$ 80 Bromofluorobenzene	0.86633	0.88937	0.88937	0.010	-2.65917	25.00000	Averaged
2 Chloromethane	0.48646	0.41907	0.41907	0.100	13.85248	25.00000	Averaged
3 Vinyl Chloride	0.43445	0.38232	0.38232	0.010	11.99974	20.00000	Averaged
4 Bromomethane	50.00000	65.23898	0.10768	0.010	-30.47796	0.000e+000	Quadratic
5 Chloroethane	0.19935	0.19921	0.19921	0.010	0.06820	25.00000	Averaged
6 Trichlorofluoromethane	0.31318	0.29345	0.29345	0.010	6.29775	25.00000	Averaged
1 Dichlorodifluoromethane	0.20580	0.16637	0.16637	0.010	19.15921	25.00000	Averaged
12 1,1-Dichloroethene	0.25067	0.23783	0.23783	0.010	5.12070	20.00000	Averaged
13 Acetone	0.11191	0.11067	0.11067	0.010	1.10993	25.00000	Averaged
15 Carbon Disulfide	0.82901	0.80234	0.80234	0.010	3.21757	25.00000	Averaged
17 Acetonitrile	0.02780	0.02534	0.02534	0.010	8.85422	25.00000	Averaged
18 Methylene Chloride	0.29322	0.28447	0.28447	0.010	2.98157	25.00000	Averaged
19 trans-1,2-Dichloroethene	0.28165	0.28372	0.28372	0.010	-0.73662	25.00000	Averaged
20 Methyl tert-butyl ether	0.66801	0.61857	0.61857	0.010	7.40083	25.00000	Averaged
24 1,1-Dichloroethane	0.60079	0.60779	0.60779	0.100	-1.16456	25.00000	Averaged
27 2,2-Dichloropropane	0.19337	0.20583	0.20583	0.010	-6.44496	25.00000	Averaged
28 cis-1,2-dichloroethene	0.30575	0.30039	0.30039	0.010	1.75225	25.00000	Averaged
M 29 1,2-Dichloroethene (total)	0.29370	0.29206	0.29206	0.010	0.55887	25.00000	Averaged
30 Bromochloromethane	0.14170	0.14410	0.14410	0.010	-1.69194	25.00000	Averaged
31 2-Butanone	0.17459	0.17530	0.17530	0.010	-0.40489	25.00000	Averaged
37 Chloroform	0.40247	0.41159	0.41159	0.010	-2.26550	20.00000	Averaged
38 1,1,1-Trichloroethane	0.27286	0.28951	0.28951	0.010	-6.10197	25.00000	Averaged
40 1,1-Dichloropropene	0.34671	0.34170	0.34170	0.010	1.44456	25.00000	Averaged
41 Carbon Tetrachloride	0.18565	0.19613	0.19613	0.010	-5.64492	25.00000	Averaged
42 Benzene	1.13557	1.15364	1.15364	0.010	-1.59070	25.00000	Averaged
45 1,2-Dichloroethane	0.36387	0.36166	0.36166	0.010	0.60722	25.00000	Averaged
47 Trichloroethene	0.30213	0.30056	0.30056	0.010	0.51953	25.00000	Averaged
49 1,2-Dichloropropane	0.36197	0.35682	0.35682	0.010	1.42208	20.00000	Averaged
50 Dibromomethane	0.13801	0.14547	0.14547	0.010	-5.40278	25.00000	Averaged
53 Bromodichloromethane	0.26083	0.26760	0.26760	0.010	-2.59508	25.00000	Averaged
57 cis-1,3-Dichloropropene	0.34578	0.34851	0.34851	0.010	-0.78959	25.00000	Averaged
58 4-Methyl-2-Pentanone	1.49069	1.48836	1.48836	0.010	0.15604	25.00000	Averaged
60 Toluene	4.92026	4.86510	4.86510	0.010	1.12111	20.00000	Averaged
61 trans-1,3-Dichloropropene	1.01191	1.03901	1.03901	0.010	-2.67860	25.00000	Averaged
63 1,3-Dichloropropane	1.59011	1.56725	1.56725	0.010	1.43763	25.00000	Averaged
64 1,1,2-Trichloroethane	0.87946	0.84998	0.84998	0.010	3.35198	25.00000	Averaged
65 Tetrachloroethene	0.92374	0.89069	0.89069	0.010	3.57804	25.00000	Averaged
66 2-Hexanone	0.99112	0.99377	0.99377	0.010	-0.26731	25.00000	Averaged
67 Dibromochloromethane	0.71280	0.71414	0.71414	0.010	-0.18796	25.00000	Averaged
68 1,2-Dibromoethane	0.84170	0.84834	0.84834	0.010	-0.78858	25.00000	Averaged

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TestAmerica Pittsburgh

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: hp5.i
Lab File ID: 51217004.D
Analysis Type: WATER
Lab Sample ID: ver10
Method: \\PITSVR06\D\chem\hp5.i\5121708d.b\8260ee.m

Injection Date: 17-DEC-2008 13:15
Init. Cal. Date(s): 17-DEC-2008 17-DEC-2008
Init. Cal. Times: 08:55 11:14
Quant Type: ISTD

			CCAL	MIN		MAX	
COMPOUND	RRF / AMOUNT	RF10	RRF10	RRF	%D / %DRIFT	%D / %DRIFT	CURVE TYPE
70 Chlorobenzene	3.27044	3.17990	3.17990	0.300	2.76855	25.00000	Averaged
71 1,1,1,2-Tetrachloroethane	0.77217	0.77827	0.77827	0.010	-0.79040	25.00000	Averaged
72 Ethylbenzene	1.77194	1.72429	1.72429	0.010	2.68917	20.00000	Averaged
73 m + p-Xylene	2.16552	2.17292	2.17292	0.010	-0.34156	25.00000	Averaged
74 Xylene-o	2.11332	2.15351	2.15351	0.010	-1.90190	25.00000	Averaged
M 75 Xylenes (total)	2.14812	2.16645	2.16645	0.010	-0.85325	25.00000	Averaged
76 Styrene	3.66813	3.73664	3.73664	0.010	-1.86772	25.00000	Averaged
77 Bromoform	0.36942	0.38016	0.38016	0.100	-2.90699	25.00000	Averaged
78 Isopropylbenzene	5.15247	5.23595	5.23595	0.010	-1.62010	25.00000	Averaged
79 Bromobenzene	0.88360	0.89779	0.89779	0.010	-1.60583	25.00000	Averaged
81 n-Propylbenzene	0.91780	0.97538	0.97538	0.010	-6.27385	25.00000	Averaged
82 2-Chlorotoluene	0.85644	0.84834	0.84834	0.010	0.94566	25.00000	Averaged
83 1,1,2,2-Tetrachloroethane	0.72699	0.72832	0.72832	0.300	-0.18392	25.00000	Averaged
84 1,2,3-Trichloropropane	0.20143	0.22535	0.22535	0.010	-11.87655	25.00000	Averaged
85 4-Chlorotoluene	0.92106	0.97619	0.97619	0.010	-5.98512	25.00000	Averaged
86 1,3,5-Trimethylbenzene	2.69395	2.71541	2.71541	0.010	-0.79650	25.00000	Averaged
87 tert-Butylbenzene	2.29248	2.41534	2.41534	0.010	-5.35938	25.00000	Averaged
88 1,2,4-Trimethylbenzene	2.73543	2.75516	2.75516	0.010	-0.72140	25.00000	Averaged
89 sec-Butylbenzene	3.22612	3.32065	3.32065	0.010	-2.92994	25.00000	Averaged
90 4-Isopropyltoluene	2.70248	2.86319	2.86319	0.010	-5.94651	25.00000	Averaged
91 1,3-Dichlorobenzene	1.66363	1.66000	1.66000	0.010	0.21827	25.00000	Averaged
93 1,4-Dichlorobenzene	1.70354	1.72529	1.72529	0.010	-1.27670	25.00000	Averaged
94 n-Butylbenzene	2.30498	2.37495	2.37495	0.010	-3.03557	25.00000	Averaged
95 1,2-Dichlorobenzene	1.58899	1.60852	1.60852	0.010	-1.22912	25.00000	Averaged
96 1,2-Dibromo-3-chloropropane	0.10481	0.10124	0.10124	0.010	3.40395	25.00000	Averaged
97 1,2,4-Trichlorobenzene	0.93880	0.95026	0.95026	0.010	-1.22061	25.00000	Averaged
98 Hexachlorobutadiene	0.34278	0.32505	0.32505	0.010	5.17049	25.00000	Averaged
99 Naphthalene	2.28949	2.34740	2.34740	0.010	-2.52950	25.00000	Averaged
100 1,2,3-Trichlorobenzene	0.81703	0.83232	0.83232	0.010	-1.87173	25.00000	Averaged
101 1,1,2-trichlorotrifluoroeth	0.21353	0.22900	0.22900	0.010	-7.24624	25.00000	Averaged
102 Methyl acetate	0.28157	0.28703	0.28703	0.010	1.93887	25.00000	Averaged
104 Cyclohexane	0.72177	0.75357	0.75357	0.010	-4.40635	25.00000	Averaged
105 Methyl Cyclohexane	0.41847	0.43923	0.43923	0.010	4.95981	25.00000	Averaged
157 2-Chlorobenzotrifluoride	1.58459	1.60581	1.60581	0.010	-1.33916	25.00000	Averaged
158 3-Chlorobenzotrifluoride	1.66993	1.72183	1.72183	0.010	3.10774	25.00000	Averaged
159 4-Chlorobenzotrifluoride	1.50440	1.48591	1.48591	0.010	1.22869	25.00000	Averaged
160 3-Chlorotoluene	0.88982	0.97513	0.97513	0.010	-9.58715	25.00000	Averaged
161 2,4-Dichlorobenzotrifluorid	0.62436	0.66344	0.66344	0.010	-6.25842	25.00000	Averaged
162 2,5-Dichlorobenzotrifluorid	0.73933	0.73745	0.73745	0.010	0.25431	25.00000	Averaged
163 3,4-Dichlorobenzotrifluorid	0.70347	0.71724	0.71724	0.010	-1.95637	25.00000	Averaged
164 Dichlorotoluene(2,4+2,5+2,6	1.17733	1.21311	1.21311	0.010	-3.03964	25.00000	Averaged
165 Dichlorotoluene(2,3+3,4)	1.26836	1.33239	1.33239	0.010	-5.04802	25.00000	Averaged
166 1,3,5-Trichlorobenzene	0.99981	1.04609	1.04609	0.010	-4.62917	25.00000	Averaged

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CONTINUING CALIBRATION COMPOUNDS

Instrument ID: hp5.i
Lab File ID: 51217004.D
Analysis Type: WATER
Lab Sample ID: ver10
Method: \\PITSVR06\D\chem\hp5.i\5121708d.b\8260ee.m

Injection Date: 17-DEC-2008 13:15
Init. Cal. Date(s): 17-DEC-2008 17-DEC-2008
Init. Cal. Times: 08:55 11:14
Quant Type: ISTD

COMPOUND	RRF / AMOUNT	RF10	CCAL RRF10	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE
167 2,3,6-Trichlorotoluene	0.40855	0.41627	0.41627	0.010	-1.89156	25.00000	Averaged
168 2,4,5-Trichlorotoluene	0.47533	0.49223	0.49223	0.010	-3.55529	25.00000	Averaged

TestAmerica Pittsburgh

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: hp5.i Injection Date: 20-DEC-2008 08:54
Lab File ID: CC51220.D Init. Cal. Date(s): 17-DEC-2008 17-DEC-2008
Analysis Type: WATER Init. Cal. Times: 08:55 11:14
Lab Sample ID: vstd10 Quant Type: ISTD
Method: \\pitsvr06\d\chem\hp5.i\5122008d.b\8260ee.m

COMPOUND	RRF / AMOUNT	RF10	CCAL RRF10	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE
$ 39 Dibromofluoromethane	0.21284	0.21122	0.21122	0.010	0.76088	25.00000	Averaged
$ 43 1,2-Dichloroethane-d4	0.24688	0.23197	0.23197	0.010	6.03806	25.00000	Averaged
$ 59 Toluene-d8	3.62802	3.63332	3.63332	0.010	-0.14616	25.00000	Averaged
$ 80 Bromofluorobenzene	0.86633	0.84615	0.84615	0.010	2.32904	25.00000	Averaged
2 Chloromethane	0.48646	0.48121	0.48121	0.100	1.07899	25.00000	Averaged
3 Vinyl Chloride	0.43445	0.37020	0.37020	0.010	14.78958	20.00000	Averaged
4 Bromomethane	50.00000	59.07891	0.09843	0.010	-18.15782	0.000e+000	Quadratic
5 Chloroethane	0.19935	0.20564	0.20564	0.010	-3.15742	25.00000	Averaged
6 Trichlorofluoromethane	0.31318	0.25807	0.25807	0.010	17.59679	25.00000	Averaged
1 Dichlorodifluoromethane	0.20580	0.15509	0.15509	0.010	24.64140	25.00000	Averaged
12 1,1-Dichloroethene	0.25067	0.21399	0.21399	0.010	14.63442	20.00000	Averaged
13 Acetone	0.11191	0.11313	0.11313	0.010	-1.09621	25.00000	Averaged
15 Carbon Disulfide	0.82901	0.75198	0.75198	0.010	9.29159	25.00000	Averaged
18 Methylene Chloride	0.29322	0.29280	0.29280	0.010	0.14072	25.00000	Averaged
19 trans-1,2-Dichloroethene	0.28165	0.26705	0.26705	0.010	5.18253	25.00000	Averaged
20 Methyl tert-butyl ether	0.66801	0.63899	0.63899	0.010	4.34385	25.00000	Averaged
24 1,1-Dichloroethane	0.60079	0.54349	0.54349	0.100	9.53740	25.00000	Averaged
27 2,2-Dichloropropane	0.19337	0.17523	0.17523	0.010	9.37918	25.00000	Averaged
28 cis-1,2-dichloroethene	0.30575	0.29487	0.29487	0.010	3.55941	25.00000	Averaged
M 29 1,2-Dichloroethene (total)	0.29370	0.28096	0.28096	0.010	4.33768	25.00000	Averaged
30 Bromochloromethane	0.14170	0.14360	0.14360	0.010	-1.34537	25.00000	Averaged
31 2-Butanone	0.17459	0.17800	0.17800	0.010	-1.95065	25.00000	Averaged
37 Chloroform	0.40247	0.38618	0.38618	0.010	4.04775	20.00000	Averaged
38 1,1,1-Trichloroethane	0.27286	0.25066	0.25066	0.010	8.13739	25.00000	Averaged
40 1,1-Dichloropropene	0.34671	0.30737	0.30737	0.010	11.34514	25.00000	Averaged
41 Carbon Tetrachloride	0.18565	0.17622	0.17622	0.010	5.07976	25.00000	Averaged
42 Benzene	1.13557	1.08066	1.08066	0.010	4.83599	25.00000	Averaged
45 1,2-Dichloroethane	0.36387	0.33734	0.33734	0.010	7.29147	25.00000	Averaged
47 Trichloroethene	0.30213	0.27497	0.27497	0.010	8.99133	25.00000	Averaged
49 1,2-Dichloropropane	0.36197	0.33626	0.33626	0.010	7.10129	20.00000	Averaged
50 Dibromomethane	0.13801	0.13576	0.13576	0.010	1.63495	25.00000	Averaged
53 Bromodichloromethane	0.26083	0.26264	0.26264	0.010	-0.69483	25.00000	Averaged
57 cis-1,3-Dichloropropene	0.34578	0.33713	0.33713	0.010	2.50220	25.00000	Averaged
58 4-Methyl-2-Pentanone	1.49069	1.46628	1.46628	0.010	1.63762	25.00000	Averaged
60 Toluene	4.92026	4.73653	4.73653	0.010	3.73410	20.00000	Averaged
61 trans-1,3-Dichloropropene	1.01191	1.00585	1.00585	0.010	0.59848	25.00000	Averaged
63 1,3-Dichloropropane	1.59011	1.58102	1.58102	0.010	0.57189	25.00000	Averaged
64 1,1,2-Trichloroethane	0.87946	0.86827	0.86827	0.010	1.27258	25.00000	Averaged
65 Tetrachloroethene	0.92374	0.86354	0.86354	0.010	6.51693	25.00000	Averaged
66 2-Hexanone	0.99112	0.98579	0.98579	0.010	0.53754	25.00000	Averaged
67 Dibromochloromethane	0.71280	0.75827	0.75827	0.010	-6.37839	25.00000	Averaged
68 1,2-Dibromoethane	0.84170	0.86699	0.86699	0.010	-3.00409	25.00000	Averaged

TestAmerica Pittsburgh

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: hp5.i Injection Date: 20-DEC-2008 08:54
Lab File ID: CC51220.D Init. Cal. Date(s): 17-DEC-2008 17-DEC-2008
Analysis Type: WATER Init. Cal. Times: 08:55 11:14
Lab Sample ID: vstd10 Quant Type: ISTD
Method: \\pitsvr06\d\chem\hp5.i\5122008d.b\8260ee.m

COMPOUND	RRF / AMOUNT	RF10	CCAL RRF10	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE
70 Chlorobenzene	3.27044	3.25184	3.25184	0.300	0.56885	25.00000	Averaged
71 1,1,1,2-Tetrachloroethane	0.77217	0.81838	0.81838	0.010	-5.98438	25.00000	Averaged
72 Ethylbenzene	1.77194	1.67263	1.67263	0.010	5.60467	20.00000	Averaged
73 m + p-Xylene	2.16552	2.09188	2.09188	0.010	3.40070	25.00000	Averaged
74 Xylene-o	2.11332	2.09274	2.09274	0.010	0.97363	25.00000	Averaged
M 75 Xylenes (total)	2.14812	2.09217	2.09217	0.010	2.60479	25.00000	Averaged
76 Styrene	3.66813	3.62252	3.62252	0.010	1.24350	25.00000	Averaged
77 Bromoform	0.36942	0.40656	0.40656	0.100	-10.05386	25.00000	Averaged
78 Isopropylbenzene	5.15247	4.88772	4.88772	0.010	5.13832	25.00000	Averaged
79 Bromobenzene	0.88360	0.86631	0.86631	0.010	1.95653	25.00000	Averaged
81 n-Propylbenzene	0.91780	0.86530	0.86530	0.010	5.72008	25.00000	Averaged
82 2-Chlorotoluene	0.85644	0.81778	0.81778	0.010	4.51401	25.00000	Averaged
83 1,1,2,2-Tetrachloroethane	0.72699	0.71414	0.71414	0.300	1.76644	25.00000	Averaged
84 1,2,3-Trichloropropane	0.20143	0.20531	0.20531	0.010	-1.92627	25.00000	Averaged
85 4-Chlorotoluene	0.92106	0.84673	0.84673	0.010	8.07052	25.00000	Averaged
86 1,3,5-Trimethylbenzene	2.69395	2.49883	2.49883	0.010	7.24279	25.00000	Averaged
87 tert-Butylbenzene	2.29248	2.12367	2.12367	0.010	7.36366	25.00000	Averaged
88 1,2,4-Trimethylbenzene	2.73543	2.59285	2.59285	0.010	5.21246	25.00000	Averaged
89 sec-Butylbenzene	3.22612	2.90457	2.90457	0.010	9.96730	25.00000	Averaged
90 4-Isopropyltoluene	2.70248	2.50537	2.50537	0.010	7.29391	25.00000	Averaged
91 1,3-Dichlorobenzene	1.66363	1.62639	1.62639	0.010	2.23819	25.00000	Averaged
93 1,4-Dichlorobenzene	1.70354	1.67458	1.67458	0.010	1.70025	25.00000	Averaged
94 n-Butylbenzene	2.30498	2.10996	2.10996	0.010	8.46049	25.00000	Averaged
95 1,2-Dichlorobenzene	1.58899	1.55743	1.55743	0.010	1.98597	25.00000	Averaged
96 1,2-Dibromo-3-chloropropane	0.10481	0.10537	0.10537	0.010	-0.53815	25.00000	Averaged
97 1,2,4-Trichlorobenzene	0.93880	0.89772	0.89772	0.010	4.37664	25.00000	Averaged
98 Hexachlorobutadiene	0.34278	0.29205	0.29205	0.010	14.79922	25.00000	Averaged
99 Naphthalene	2.28949	2.23474	2.23474	0.010	2.39114	25.00000	Averaged
100 1,2,3-Trichlorobenzene	0.81703	0.79409	0.79409	0.010	2.80709	25.00000	Averaged
101 1,1,2-trichlorotrifluoroeth	0.21353	0.18824	0.18824	0.010	11.84217	25.00000	Averaged
102 Methyl acetate	0.28157	0.28254	0.28254	0.010	-0.34643	25.00000	Averaged
104 Cyclohexane	0.72177	0.59629	0.59629	0.010	17.38524	25.00000	Averaged
105 Methyl Cyclohexane	0.41847	0.34815	0.34815	0.010	16.80302	25.00000	Averaged
157 2-Chlorobenzotrifluoride	1.58459	1.50202	1.50202	0.010	5.21071	25.00000	Averaged
158 3-Chlorobenzotrifluoride	1.66993	1.47257	1.47257	0.010	11.81844	25.00000	Averaged
159 4-Chlorobenzotrifluoride	1.50440	1.33176	1.33176	0.010	11.47528	25.00000	Averaged
160 3-Chlorotoluene	0.88982	0.84400	0.84400	0.010	5.14880	25.00000	Averaged
161 2,4-Dichlorobenzotrifluorid	0.62436	0.57123	0.57123	0.010	8.50916	25.00000	Averaged
162 2,5-Dichlorobenzotrifluorid	0.73933	0.66310	0.66310	0.010	10.31096	25.00000	Averaged
163 3,4-Dichlorobenzotrifluorid	0.70347	0.61449	0.61449	0.010	12.64899	25.00000	Averaged
164 Dichlorotoluene(2,4+2,5+2,6	1.17733	1.11747	1.11747	0.010	5.08400	25.00000	Averaged
165 Dichlorotoluene(2,3+3,4)	1.26836	1.23239	1.23239	0.010	2.83561	25.00000	Averaged
166 1,3,5-Trichlorobenzene	0.99981	0.94259	0.94259	0.010	5.72294	25.00000	Averaged

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CONTINUING CALIBRATION COMPOUNDS

Instrument ID: hp5.i Injection Date: 20-DEC-2008 08:54
Lab File ID: CC51220.D Init. Cal. Date(s): 17-DEC-2008 17-DEC-2008
Analysis Type: WATER Init. Cal. Times: 08:55 11:14
Lab Sample ID: vstd10 Quant Type: ISTD
Method: \\pitsvr06\d\chem\hp5.i\5122008d.b\8260ee.m

COMPOUND	RRF / AMOUNT	RF10	CCAL RRF10	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE
167 2,3,6-Trichlorotoluene	0.40855	0.37245	0.37245	0.010	8.83537	25.00000	Averaged
168 2,4,5-Trichlorotoluene	0.47533	0.44081	0.44081	0.010	7.26302	25.00000	Averaged

TestAmerica Pittsburgh

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: hp5.i
Lab File ID: CC51222.D
Analysis Type: WATER
Lab Sample ID: vstd10
Method: \\pitsvr06\d\chem\hp5.i\5122208d.b\8260ee.m

Injection Date: 22-DEC-2008 07:41
Init. Cal. Date(s): 17-DEC-2008 17-DEC-2008
Init. Cal. Times: 08:55 11:14
Quant Type: ISTD

COMPOUND	RRF / AMOUNT	RF10	CCAL RRF10	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE
$ 39 Dibromofluoromethane	0.21284	0.18411	0.18411	0.010	13.50002	25.00000	Averaged
$ 43 1,2-Dichloroethane-d4	0.24688	0.21707	0.21707	0.010	12.07414	25.00000	Averaged
$ 59 Toluene-d8	3.62802	3.17065	3.17065	0.010	12.60661	25.00000	Averaged
$ 80 Bromofluorobenzene	0.86633	0.81508	0.81508	0.010	5.91620	25.00000	Averaged
2 Chloromethane	0.48646	0.57996	0.57996	0.100	-19.21990	25.00000	Averaged
3 Vinyl Chloride	0.43445	0.46678	0.46678	0.010	-7.44249	20.00000	Averaged
4 Bromomethane	50.00000	69.64853	0.11429	0.010	-39.29707	0.000e+000	Quadratic
5 Chloroethane	0.19935	0.22963	0.22963	0.010	-15.19077	25.00000	Averaged
6 Trichlorofluoromethane	0.31318	0.32588	0.32588	0.010	-4.05690	25.00000	Averaged
1 Dichlorodifluoromethane	0.20580	0.24303	0.24303	0.010	-18.09219	25.00000	Averaged
12 1,1-Dichloroethene	0.25067	0.25443	0.25443	0.010	-1.49939	20.00000	Averaged
13 Acetone	0.11191	0.11325	0.11325	0.010	-1.19633	25.00000	Averaged
15 Carbon Disulfide	0.82901	0.88040	0.88040	0.010	-6.19881	25.00000	Averaged
18 Methylene Chloride	0.29322	0.30649	0.30649	0.010	-4.52787	25.00000	Averaged
19 trans-1,2-Dichloroethene	0.28165	0.30028	0.30028	0.010	-6.61451	25.00000	Averaged
20 Methyl tert-butyl ether	0.66801	0.59851	0.59851	0.010	10.40352	25.00000	Averaged
24 1,1-Dichloroethane	0.60079	0.60301	0.60301	0.100	-0.36861	25.00000	Averaged
27 2,2-Dichloropropane	0.19337	0.18260	0.18260	0.010	5.56714	25.00000	Averaged
28 cis-1,2-dichloroethene	0.30575	0.31875	0.31875	0.010	-4.24998	25.00000	Averaged
M 29 1,2-Dichloroethene (total)	0.29370	0.30951	0.30951	0.010	-5.38373	25.00000	Averaged
30 Bromochloromethane	0.14170	0.14203	0.14203	0.010	-0.23555	25.00000	Averaged
31 2-Butanone	0.17459	0.17650	0.17650	0.010	-1.09171	25.00000	Averaged
37 Chloroform	0.40247	0.42592	0.42592	0.010	-5.82567	20.00000	Averaged
38 1,1,1-Trichloroethane	0.27286	0.28214	0.28214	0.010	-3.39972	25.00000	Averaged
40 1,1-Dichloropropene	0.34671	0.36706	0.36706	0.010	-5.86965	25.00000	Averaged
41 Carbon Tetrachloride	0.18565	0.20346	0.20346	0.010	-9.59064	25.00000	Averaged
42 Benzene	1.13557	1.17681	1.17681	0.010	-3.63139	25.00000	Averaged
45 1,2-Dichloroethane	0.36387	0.34874	0.34874	0.010	4.15824	25.00000	Averaged
47 Trichloroethene	0.30213	0.29636	0.29636	0.010	1.91087	25.00000	Averaged
49 1,2-Dichloropropane	0.36197	0.34493	0.34493	0.010	4.70687	20.00000	Averaged
50 Dibromomethane	0.13801	0.13322	0.13322	0.010	3.47344	25.00000	Averaged
53 Bromodichloromethane	0.26083	0.28596	0.28596	0.010	-9.63724	25.00000	Averaged
57 cis-1,3-Dichloropropene	0.34578	0.34767	0.34767	0.010	-0.54609	25.00000	Averaged
58 4-Methyl-2-Pentanone	1.49069	1.53667	1.53667	0.010	-3.08474	25.00000	Averaged
60 Toluene	4.92026	4.91398	4.91398	0.010	0.12762	20.00000	Averaged
61 trans-1,3-Dichloropropene	1.01191	0.99333	0.99333	0.010	1.83562	25.00000	Averaged
63 1,3-Dichloropropane	1.59011	1.60751	1.60751	0.010	-1.09459	25.00000	Averaged
64 1,1,2-Trichloroethane	0.87946	0.89362	0.89362	0.010	-1.61000	25.00000	Averaged
65 Tetrachloroethene	0.92374	0.90630	0.90630	0.010	1.88874	25.00000	Averaged
66 2-Hexanone	0.99112	1.01136	1.01136	0.010	-2.04201	25.00000	Averaged
67 Dibromochloromethane	0.71280	0.76957	0.76957	0.010	-7.96397	25.00000	Averaged
68 1,2-Dibromoethane	0.84170	0.84658	0.84658	0.010	-0.57990	25.00000	Averaged

TestAmerica Pittsburgh

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: hp5.i
Lab File ID: CC51222.D
Analysis Type: WATER
Lab Sample ID: vstd10
Method: \\pitsvr06\d\chem\hp5.i\5122208d.b\8260ee.m

Injection Date: 22-DEC-2008 07:41
Init. Cal. Date(s): 17-DEC-2008 17-DEC-2008
Init. Cal. Times: 08:55 11:14
Quant Type: ISTD

COMPOUND	RRF / AMOUNT	RF10	CCAL RRF10	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE
70 Chlorobenzene	3.27044	3.23838	3.23838	0.300	0.98054	25.00000	Averaged
71 1,1,1,2-Tetrachloroethane	0.77217	0.80455	0.80455	0.010	-4.19311	25.00000	Averaged
72 Ethylbenzene	1.77194	1.75540	1.75540	0.010	0.93315	20.00000	Averaged
73 m + p-Xylene	2.16552	2.19933	2.19933	0.010	-1.56109	25.00000	Averaged
74 Xylene-o	2.11332	2.11429	2.11429	0.010	-0.04604	25.00000	Averaged
M 75 Xylenes (total)	2.14812	2.17098	2.17098	0.010	-1.06425	25.00000	Averaged
76 Styrene	3.66813	3.65021	3.65021	0.010	0.48873	25.00000	Averaged
77 Bromoform	0.36942	0.43100	0.43100	0.100	-16.66886	25.00000	Averaged
78 Isopropylbenzene	5.15247	5.19258	5.19258	0.010	-0.77829	25.00000	Averaged
79 Bromobenzene	0.88360	0.86193	0.86193	0.010	2.45215	25.00000	Averaged
81 n-Propylbenzene	0.91780	1.01321	1.01321	0.010	-10.39552	25.00000	Averaged
82 2-Chlorotoluene	0.85644	0.87589	0.87589	0.010	-2.27086	25.00000	Averaged
83 1,1,2,2-Tetrachloroethane	0.72699	0.72908	0.72908	0.300	-0.28851	25.00000	Averaged
84 1,2,3-Trichloropropane	0.20143	0.21831	0.21831	0.010	-8.38069	25.00000	Averaged
85 4-Chlorotoluene	0.92106	0.96175	0.96175	0.010	-4.41829	25.00000	Averaged
86 1,3,5-Trimethylbenzene	2.69395	2.70618	2.70618	0.010	-0.45394	25.00000	Averaged
87 tert-Butylbenzene	2.29248	2.50010	2.50010	0.010	-9.05661	25.00000	Averaged
88 1,2,4-Trimethylbenzene	2.73543	2.68327	2.68327	0.010	1.90690	25.00000	Averaged
89 sec-Butylbenzene	3.22612	3.30718	3.30718	0.010	-2.51266	25.00000	Averaged
90 4-Isopropyltoluene	2.70248	2.96574	2.96574	0.010	-9.74145	25.00000	Averaged
91 1,3-Dichlorobenzene	1.66363	1.62864	1.62864	0.010	2.10331	25.00000	Averaged
93 1,4-Dichlorobenzene	1.70354	1.65427	1.65427	0.010	2.89238	25.00000	Averaged
94 n-Butylbenzene	2.30498	2.35417	2.35417	0.010	-2.13430	25.00000	Averaged
95 1,2-Dichlorobenzene	1.58899	1.51023	1.51023	0.010	4.95669	25.00000	Averaged
96 1,2-Dibromo-3-chloropropane	0.10481	0.10037	0.10037	0.010	4.23150	25.00000	Averaged
97 1,2,4-Trichlorobenzene	0.93880	0.88020	0.88020	0.010	6.24265	25.00000	Averaged
98 Hexachlorobutadiene	0.34278	0.32034	0.32034	0.010	6.54613	25.00000	Averaged
99 Naphthalene	2.28949	2.10490	2.10490	0.010	8.06233	25.00000	Averaged
100 1,2,3-Trichlorobenzene	0.81703	0.76566	0.76566	0.010	6.28758	25.00000	Averaged
101 1,1,2-trichlorotrifluoroeth	0.21353	0.22465	0.22465	0.010	-5.20951	25.00000	Averaged
102 Methyl acetate	0.28157	0.28672	0.28672	0.010	-1.83116	25.00000	Averaged
104 Cyclohexane	0.72177	0.81280	0.81280	0.010	-12.61229	25.00000	Averaged
105 Methyl Cyclohexane	0.41847	0.46978	0.46978	0.010	-12.26033	25.00000	Averaged
157 2-Chlorobenzotrifluoride	1.58459	1.39969	1.39969	0.010	11.66903	25.00000	Averaged
158 3-Chlorobenzotrifluoride	1.66993	1.49277	1.49277	0.010	10.60884	25.00000	Averaged
159 4-Chlorobenzotrifluoride	1.50440	1.26634	1.26634	0.010	15.82414	25.00000	Averaged
160 3-Chlorotoluene	0.88982	0.83568	0.83568	0.010	6.08425	25.00000	Averaged
161 2,4-Dichlorobenzotrifluorid	0.62436	0.59560	0.59560	0.010	4.60603	25.00000	Averaged
162 2,5-Dichlorobenzotrifluorid	0.73933	0.67759	0.67759	0.010	8.35107	25.00000	Averaged
163 3,4-Dichlorobenzotrifluorid	0.70347	0.65468	0.65468	0.010	6.93624	25.00000	Averaged
164 Dichlorotoluene(2,4+2,5+2,6	1.17733	1.05139	1.05139	0.010	10.69658	25.00000	Averaged
165 Dichlorotoluene(2,3+3,4)	1.26836	1.13395	1.13395	0.010	10.59688	25.00000	Averaged
166 1,3,5-Trichlorobenzene	0.99981	0.88034	0.88034	0.010	11.94925	25.00000	Averaged

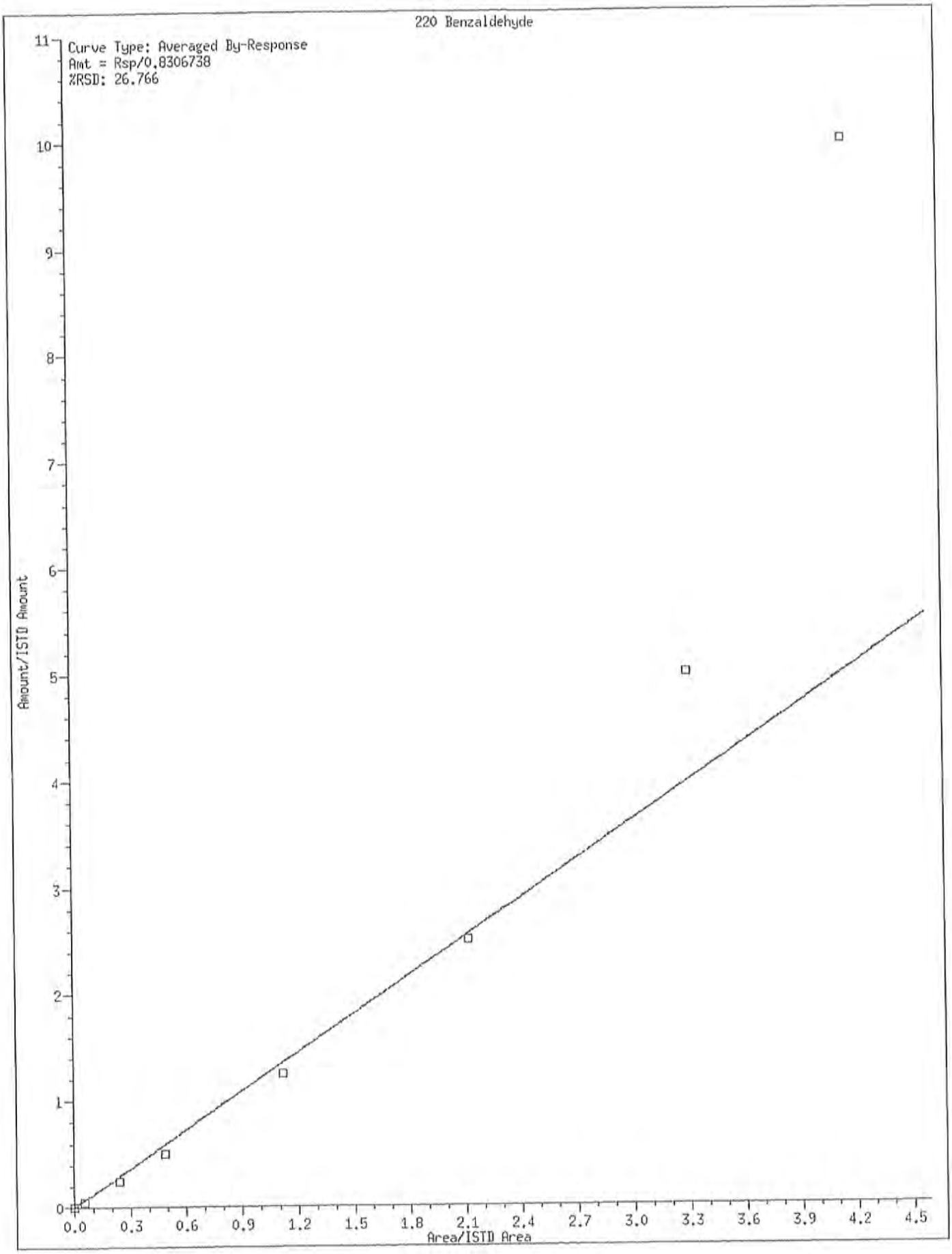
TestAmerica Pittsburgh

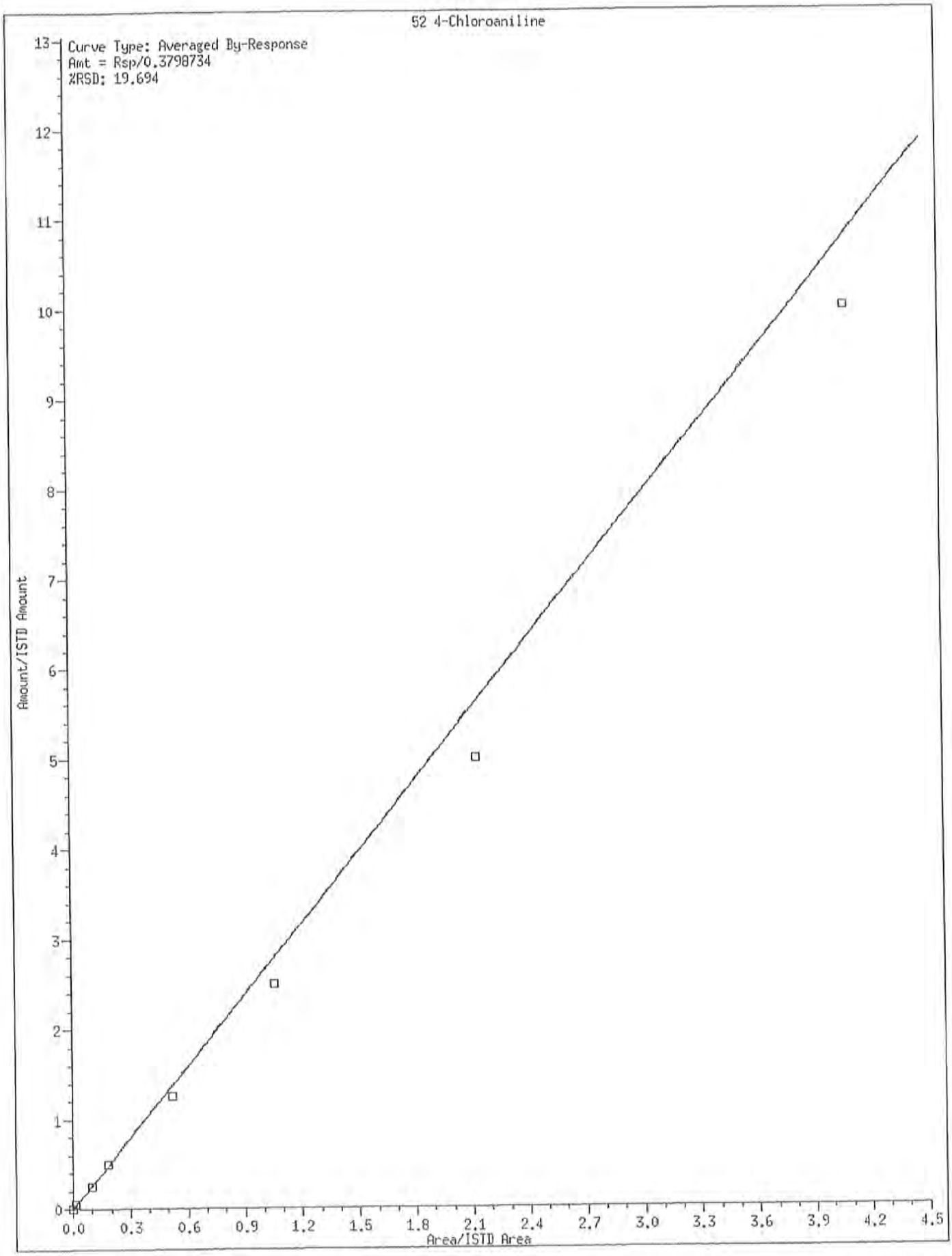
CONTINUING CALIBRATION COMPOUNDS

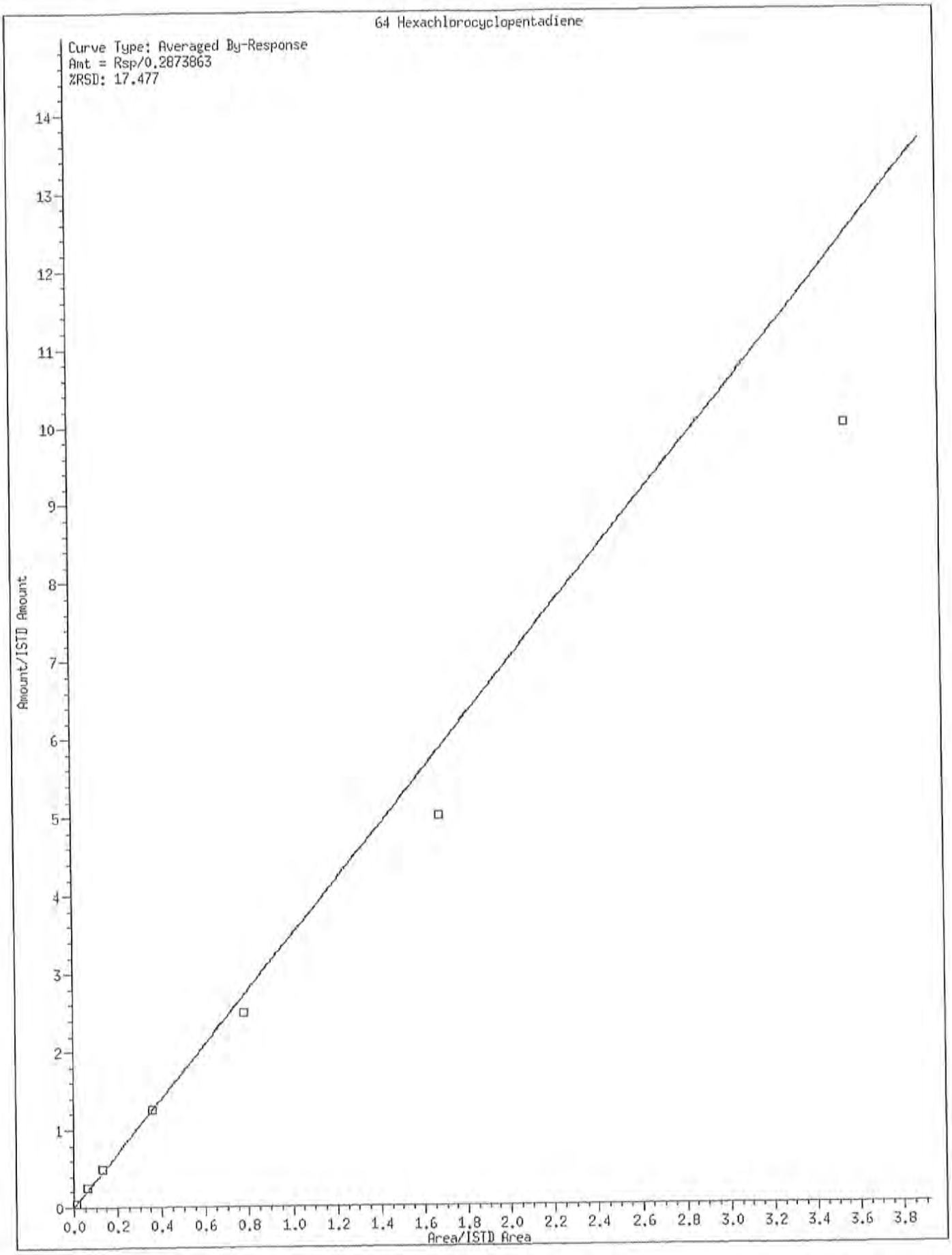
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Lab File ID: CC51222.D
Analysis Type: WATER
Lab Sample ID: vstd10
Method: \\pitsvr06\d\chem\hp5.i\5122208d.b\8260ee.m

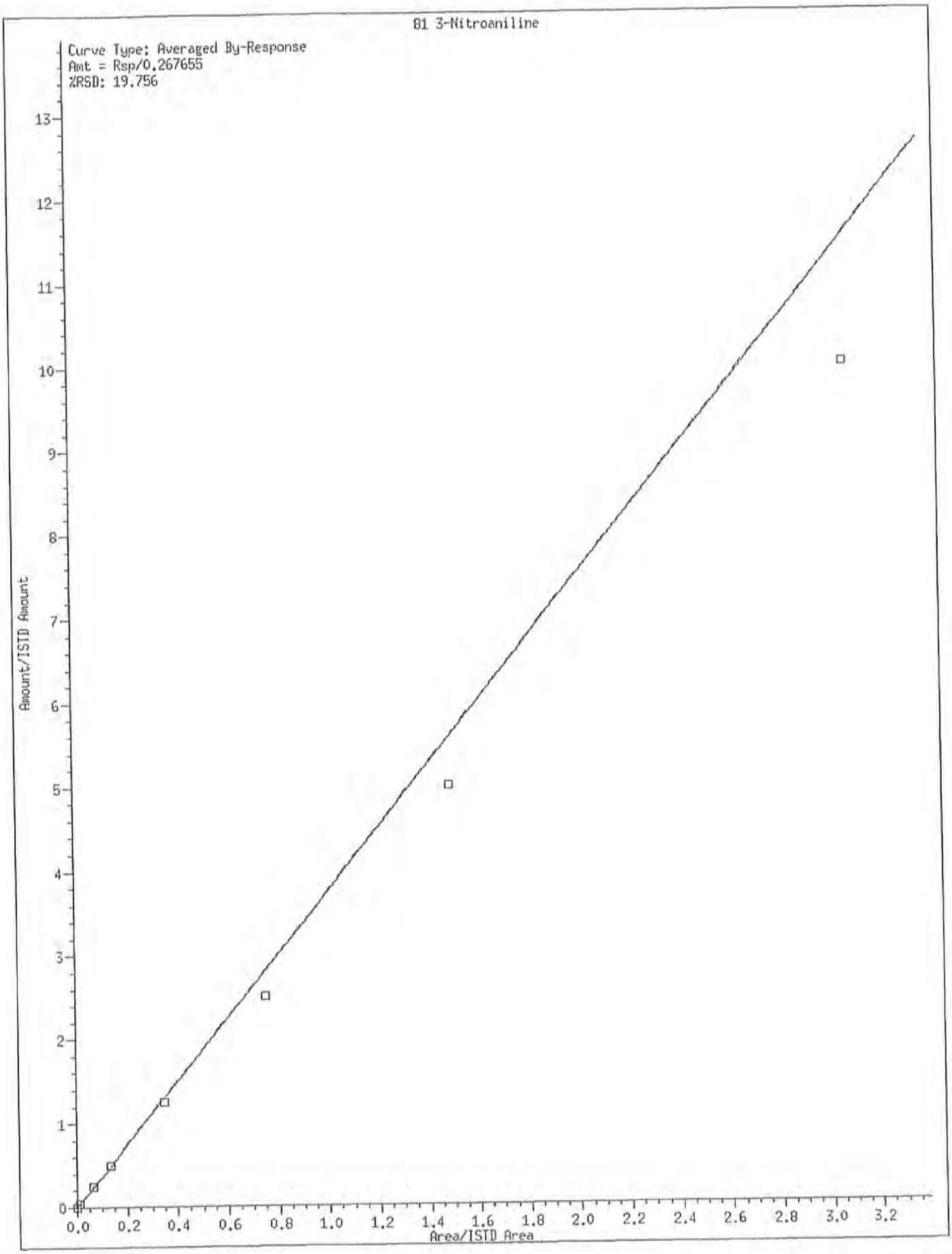
Injection Date: 22-DEC-2008 07:41
Init. Cal. Date(s): 17-DEC-2008 17-DEC-2008
Init. Cal. Times: 08:55 11:14
Quant Type: ISTD

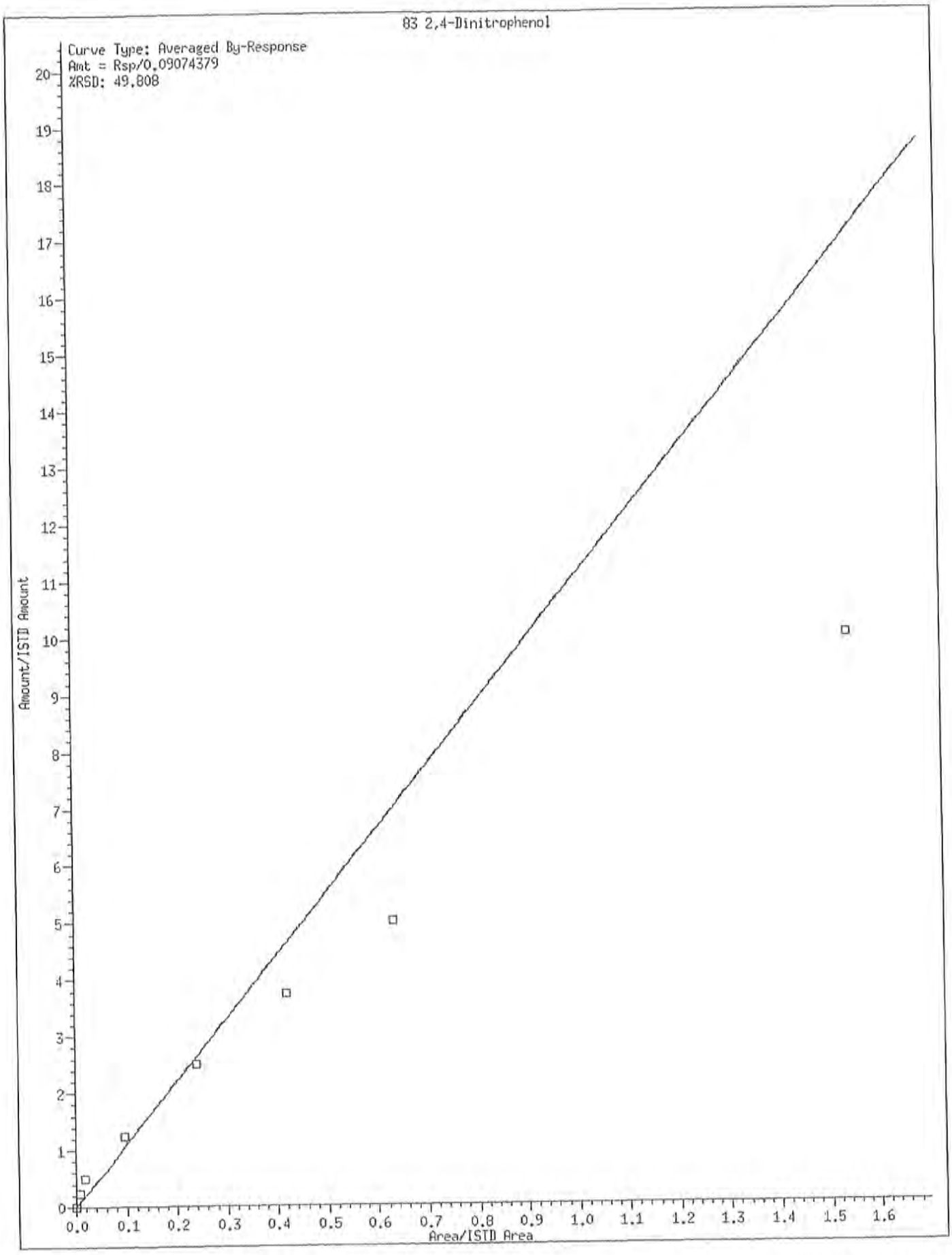
COMPOUND	RRF / AMOUNT	RF10	CCAL RRF10	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE
167 2,3,6-Trichlorotoluene	0.40855	0.34016	0.34016	0.010	16.73752	25.00000	Averaged
168 2,4,5-Trichlorotoluene	0.47533	0.39263	0.39263	0.010	17.39882	25.00000	Averaged

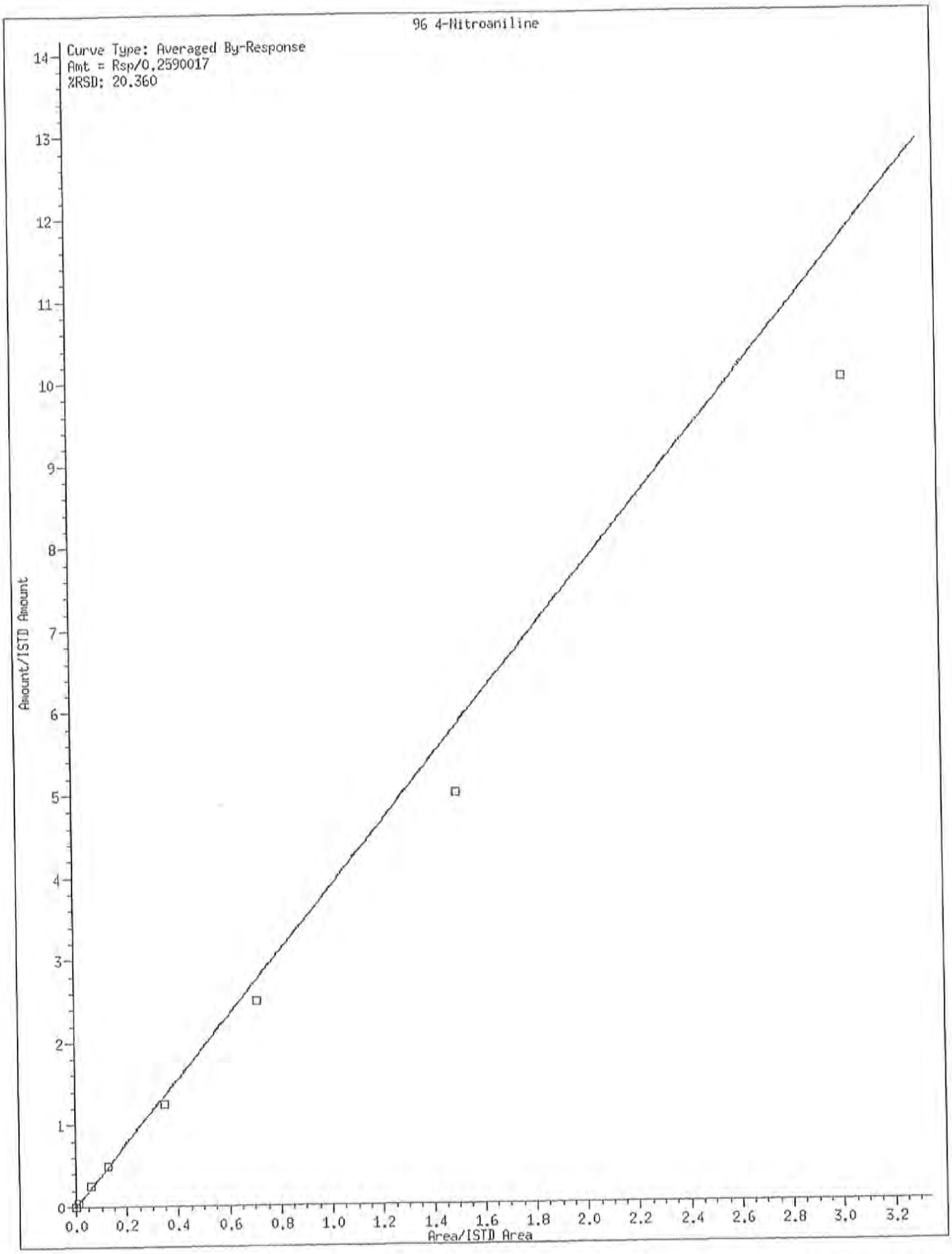

220 Benzaldehyde
Curve Type: Averaged By-Response
Amt = Rsp/0.8306738
%RSD: 26.766
Amount/ISTD Amount
Area/ISTD Area
0
1
2
3
4
5
6
7
8
9
10
11
0.0
0.3
0.6
0.9
1.2
1.5
1.8
2.1
2.4
2.7
3.0
3.3
3.6
3.9
4.2
4.5

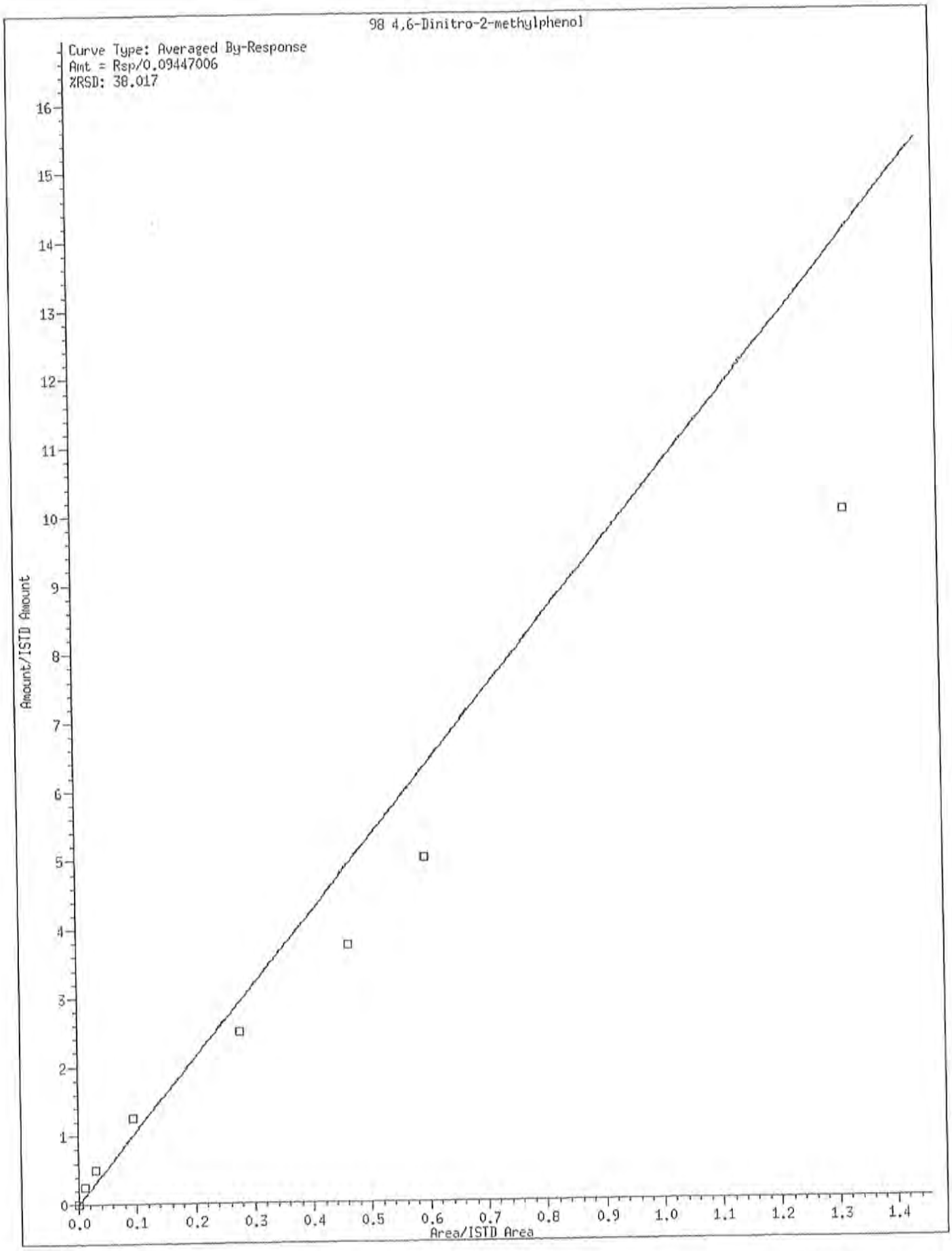

52 4-Chloroaniline
Curve Type: Averaged By-Response
Amt = Rsp/0.3798734
%RSD: 19.694
Amount/ISTD Amount
Area/ISTD Area
0
1
2
3
4
5
6
7
8
9
10
11
12
13
0.0
0.3
0.6
0.9
1.2
1.5
1.8
2.1
2.4
2.7
3.0
3.3
3.6
3.9
4.2
4.5

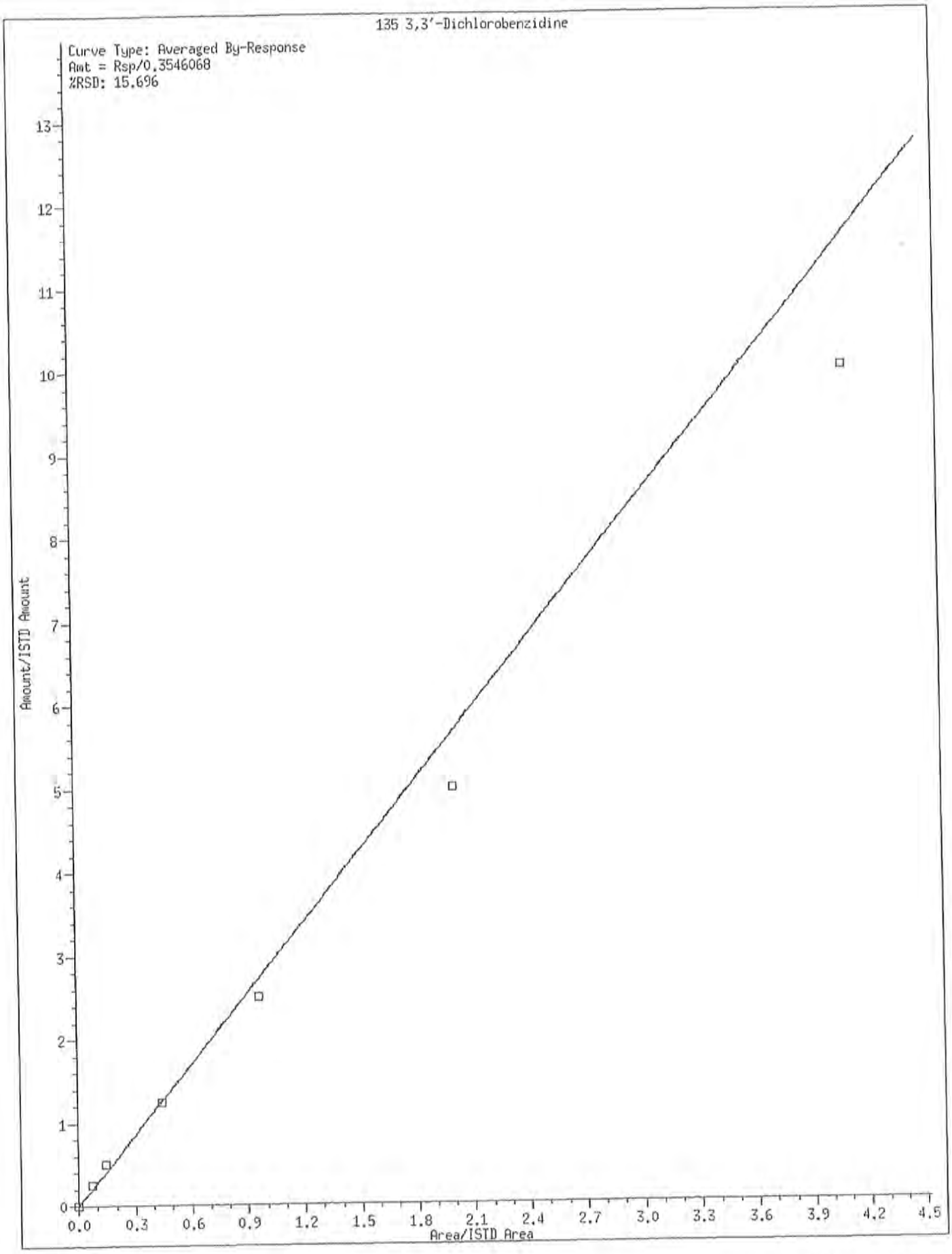

64 Hexachlorocyclopentadiene
Curve Type: Averaged By-Response
Amt = Rsp/0.2873863
%RSD: 17.477
Amount/ISTD Amount
Area/ISTD Area
0
1
2
3
4
5
6
7
8
9
10
11
12
13
14
0.0
0.2
0.4
0.6
0.8
1.0
1.2
1.4
1.6
1.8
2.0
2.2
2.4
2.6
2.8
3.0
3.2
3.4
3.6
3.8

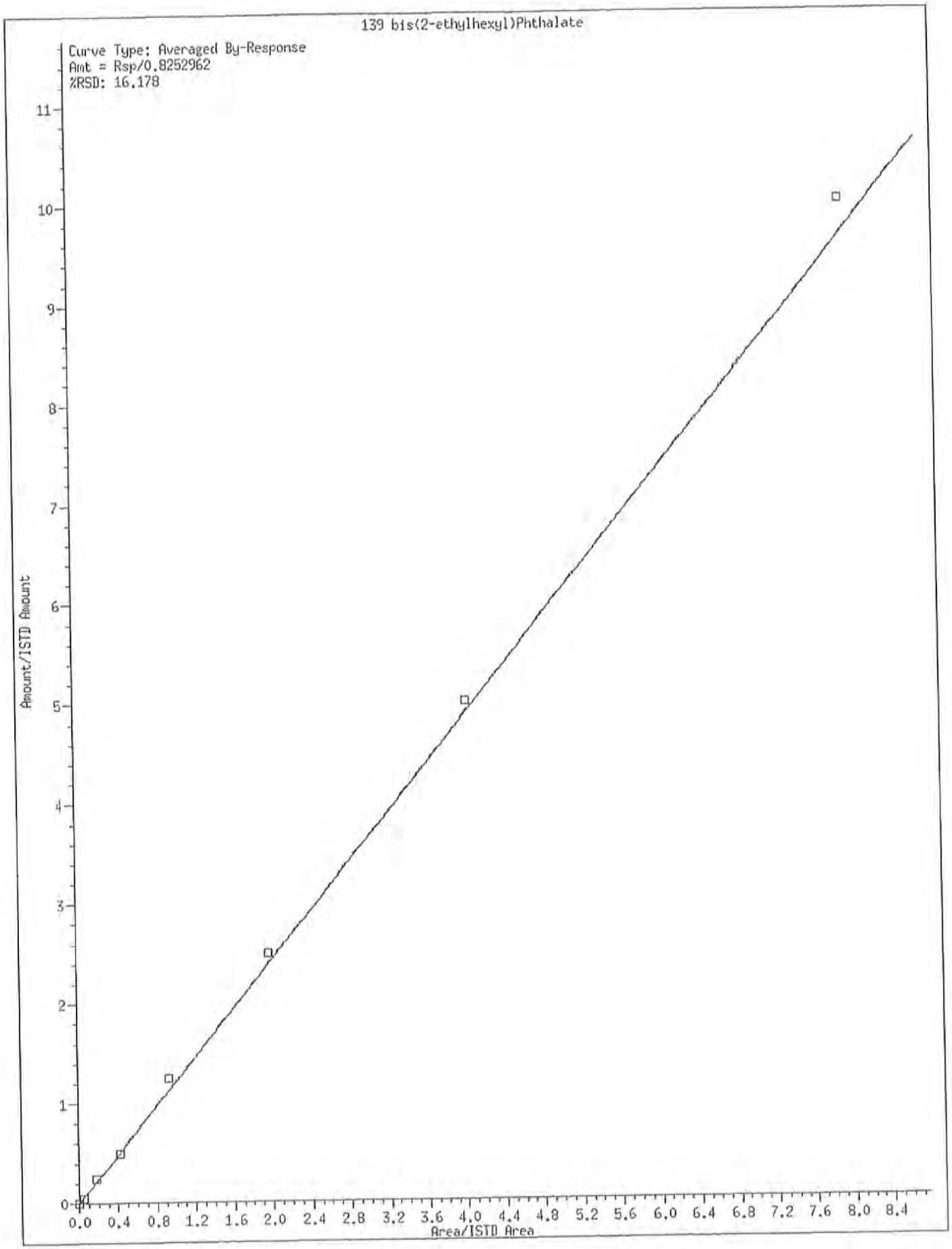

81 3-Nitroaniline
Curve Type: Averaged By-Response
Amt = Rsp/0.267655
%RSD: 19.756
Amount/ISTD Amount
Area/ISTD Area
0
1
2
3
4
5
6
7
8
9
10
11
12
13
0.0
0.2
0.4
0.6
0.8
1.0
1.2
1.4
1.6
1.8
2.0
2.2
2.4
2.6
2.8
3.0
3.2


83 2,4-Dinitrophenol
Curve Type: Averaged By-Response
Amt = Rsp/0.09074379
%RSD: 49.808
Amount/ISTD Amount
Area/ISTD Area
0
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1.0
1.1
1.2
1.3
1.4
1.5
1.6


96 4-Nitroaniline
Curve Type: Averaged By-Response
Amt = Rsp/0.2590017
%RSD: 20.360
Amount/ISTD Amount
Area/ISTD Area
0
1
2
3
4
5
6
7
8
9
10
11
12
13
14
0.0
0.2
0.4
0.6
0.8
1.0
1.2
1.4
1.6
1.8
2.0
2.2
2.4
2.6
2.8
3.0
3.2


98 4,6-Dinitro-2-methylphenol
Curve Type: Averaged By-Response
Amt = Rsp/0.09447006
%RSD: 38.017
Amount/ISTD Amount
Area/ISTD Area
0
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1.0
1.1
1.2
1.3
1.4


135 3,3'-Dichlorobenzidine
Curve Type: Averaged By-Response
Amt = Rsp/0.3546068
%RSD: 15.696
Amount/ISTD Amount
Area/ISTD Area
0
1
2
3
4
5
6
7
8
9
10
11
12
13
0.0
0.3
0.6
0.9
1.2
1.5
1.8
2.1
2.4
2.7
3.0
3.3
3.6
3.9
4.2
4.5


139 bis(2-ethylhexyl)Phthalate
Curve Type: Averaged By-Response
Amt = Rsp/0.8252962
%RSD: 16.178
Amount/ISTD Amount
Area/ISTD Area
0
1
2
3
4
5
6
7
8
9
10
11
0.0 0.4 0.8 1.2 1.6 2.0 2.4 2.8 3.2 3.6 4.0 4.4 4.8 5.2 5.6 6.0 6.4 6.8 7.2 7.6 8.0 8.4

Test America Pittsburgh

Semivolatile REPORT SW-846 Method 8270

Data file : \\PITSVR06\d\chem\722.i\121808.b\F12180V1.D
Lab Smp Id: sstdver Client Smp ID: SSTDVER
Inj Date : 18-DEC-2008 07:30
Operator : 007062 Inst ID: 722.i
Smp Info : SSTDVER (20ug/ml) BNA0817-08
Misc Info : sstdver,121808.b,LL.m,2-root.sub
Comment :
Method : \\PITSVR06\d\chem\722.i\121808.b\LL.m
Meth Date : 18-Dec-2008 07:56 bungardf Quant Type: ISTD
Cal Date : 18-DEC-2008 06:49 Cal File: F12180C8.D
Als bottle: 37
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 2-root.sub
Target Version: 4.14
Processing Host: PITPC-503

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (NG)	FINAL (NG)
* 1	1,4-Dichlorobenzene-d4	152	4.449	4.441	(1.000)	77706	8.00000	
* 2	Naphthalene-d8	136	5.438	5.434	(1.000)	292230	8.00000	
* 3	Acenaphthene-d10	164	6.795	6.791	(1.000)	159559	8.00000	
* 4	Phenanthrene-d10	188	7.954	7.945	(1.000)	247669	8.00000	
* 5	Chrysene-d12	240	10.331	10.317	(1.000)	187604	8.00000	
* 6	Perylene-d12	264	11.918	11.903	(1.000)	156246	8.00000	
198	1,4-Dioxane	88	0.950	0.947	(0.214)	81218	21.1546	21.154
220	Benzaldehyde	77	4.092	4.088	(0.920)	194553	24.1125	24.112
10	N-Nitrosodimethylamine	74	1.394	1.385	(0.313)	148216	19.4130	19.413
9	Pyridine	79	1.420	1.401	(0.319)	303925	23.4155	23.415
16	Methyl methanesulfonate	80	3.189	3.185	(0.717)	133608	19.3319	19.332
21	Aniline	93	4.182	4.179	(0.940)	414921	24.8557	24.856
22	Phenol	94	4.177	4.179	(0.939)	324699	18.7905	18.790
23	bis(2-Chloroethyl)ether	93	4.252	4.248	(0.956)	225033	18.0500	18.050
24	2-Chlorophenol	128	4.273	4.270	(0.960)	265572	18.7928	18.793
26	1,3-Dichlorobenzene	146	4.396	4.392	(0.988)	295078	18.9023	18.902
27	1,4-Dichlorobenzene	146	4.460	4.457	(1.002)	300033	18.7304	18.730
28	1,2-Dichlorobenzene	146	4.578	4.574	(1.029)	282739	18.6931	18.693
29	Benzyl Alcohol	108	4.562	4.558	(1.025)	174868	21.4108	21.411
30	2-Methylphenol	108	4.652	4.649	(1.046)	209409	17.4873	17.487
31	2,2'-oxybis(1-Chloropropane)	45	4.674	4.670	(1.050)	229512	14.6354	14.635
37	Acetophenone	105	4.765	4.766	(1.071)	337410	19.4840	19.484
32	N-Nitroso-di-n-propylamine	70	4.770	4.772	(1.072)	161919	17.4590	17.459
192	3-Methylphenol	108	4.770	4.766	(1.072)	235832	18.5006	18.501
34	Hexachloroethane	117	4.845	4.841	(1.089)	112949	18.2812	18.281
35	Nitrobenzene	77	4.893	4.895	(0.900)	250254	18.4331	18.433
41	Isophorone	82	5.085	5.082	(0.935)	411625	18.6433	18.643
42	2-Nitrophenol	139	5.144	5.140	(0.946)	137869	19.7963	19.796
43	2,4-Dimethylphenol	107	5.181	5.178	(0.953)	233911	18.5208	18.521
44	bis(2-Chloroethoxy)methane	93	5.261	5.258	(0.968)	257651	18.7357	18.736
48	2,4-Dichlorophenol	162	5.326	5.322	(0.979)	202741	19.7193	19.719
49	Benzoic Acid	122	5.229	5.258	(0.962)	116441	18.5175	18.517
50	1,2,4-Trichlorobenzene	180	5.395	5.391	(0.993)	240384	19.6616	19.662

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (NG)	CONCENTRATIONS FINAL (NG)
51 Naphthalene	128	5.454	5.450	(1.003)	711014	18.9026	18.903
52 4-Chloroaniline	127	5.497	5.493	(1.011)	303310	21.8581	21.858
54 2,6-Dichlorophenol	162	5.502	5.498	(1.012)	222753	21.4970	21.497
56 Hexachlorobutadiene	225	5.555	5.552	(1.022)	127262	18.0037	18.004
221 Caprolactam	113	5.753	5.771	(1.058)	60238	19.3675	19.368
59 4-Chloro-3-Methylphenol	107	5.865	5.867	(1.079)	191418	18.8581	18.858
62 2-Methylnaphthalene	142	5.993	5.984	(1.102)	464991	18.9094	18.909
205 1-Methylnaphthalene	142	6.068	6.065	(1.116)	458098	19.3498	19.350
64 Hexachlorocyclopentadiene	237	6.116	6.108	(0.900)	119169	20.7905	20.790
66 2,4,6-Trichlorophenol	196	6.207	6.203	(0.914)	139776	19.1297	19.130
67 2,4,5-Trichlorophenol	196	6.234	6.230	(0.917)	152965	20.0501	20.050
222 1,1'-Biphenyl	154	6.351	6.348	(0.935)	574325	19.4486	19.448
70 2-Chloronaphthalene	162	6.367	6.364	(0.937)	435696	19.3517	19.352
73 2-Nitroaniline	65	6.442	6.438	(0.948)	115009	18.1319	18.132
76 Dimethylphthalate	163	6.586	6.583	(0.969)	434449	18.6668	18.667
78 2,6-Dinitrotoluene	165	6.629	6.625	(0.976)	104073	20.1136	20.114
79 Acenaphthylene	152	6.688	6.684	(0.984)	644966	18.7809	18.781
81 3-Nitroaniline	138	6.757	6.754	(0.994)	112214	21.0204	21.020
82 Acenaphthene	153	6.821	6.818	(1.004)	406742	18.0006	18.000
83 2,4-Dinitrophenol	184	6.837	6.840	(1.006)	35076	19.3804	19.380(Q)
85 4-Nitrophenol	109	6.875	6.877	(1.012)	53041	18.3480	18.348
86 Dibenzofuran	168	6.955	6.951	(1.024)	582931	18.8305	18.830
87 2,4-Dinitrotoluene	165	6.939	6.941	(1.021)	130204	19.3428	19.343
91 2,3,5,6-Tetrachlorophenol	232	7.014	7.011	(1.032)	116681	19.8351	19.835
88 2,3,4,6-Tetrachlorophenol	232	7.046	7.042	(1.037)	115795	19.6411	19.641
92 2-Naphthylamine	143	7.078	7.075	(1.042)	360348	28.0610	28.061
93 Diethylphthalate	149	7.131	7.133	(1.050)	416563	18.5420	18.542
94 Fluorene	166	7.222	7.218	(1.063)	457900	18.6964	18.696
95 4-Chlorophenyl-phenylether	204	7.227	7.218	(1.064)	232201	19.0920	19.092
96 4-Nitroaniline	138	7.227	7.230	(1.064)	109436	21.1849	21.185
98 4,6-Dinitro-2-methylphenol	198	7.254	7.251	(0.912)	60868	20.8120	20.812
99 N-Nitrosodiphenylamine	169	7.313	7.309	(0.919)	314538	19.6938	19.694
100 1,2-Diphenylhydrazine	77	7.345	7.341	(0.923)	423150	18.4938	18.494
106 4-Bromophenyl-phenylether	248	7.607	7.598	(0.956)	125990	19.0729	19.073
107 Hexachlorobenzene	284	7.649	7.646	(0.962)	123322	18.2876	18.288
223 Atrazine	200	7.724	7.721	(0.971)	114898	19.8220	19.822
111 Pentachlorophenol	266	7.799	7.795	(0.981)	79986	18.4534	18.453
115 Phenanthrene	178	7.970	7.966	(1.002)	562964	17.6947	17.695
116 Anthracene	178	8.013	8.004	(1.007)	589352	18.2101	18.210
119 Carbazole	167	8.136	8.127	(1.023)	519062	18.4319	18.432
120 Di-n-Butylphthalate	149	8.403	8.394	(1.056)	624280	18.0461	18.046
123 Fluoranthene	202	8.926	8.917	(1.122)	548420	17.9298	17.930
124 Benzidine	184	9.038	9.030	(0.875)	184914	32.5874	32.587
125 Pyrene	202	9.129	9.120	(0.884)	564118	18.1226	18.122
131 Butylbenzylphthalate	149	9.738	9.729	(0.943)	263661	19.6739	19.674
135 3,3'-Dichlorobenzidine	252	10.288	10.280	(0.996)	180133	21.6618	21.662
136 Benzo(a)Anthracene	228	10.315	10.306	(0.998)	515111	18.9289	18.929
137 Chrysene	228	10.358	10.349	(1.003)	522701	19.5718	19.572
139 bis(2-ethylhexyl)Phthalate	149	10.353	10.339	(1.002)	335225	17.3211	17.321
140 Di-n-octylphthalate	149	11.079	11.065	(0.930)	510745	19.0604	19.060
141 Benzo(b)fluoranthene	252	11.501	11.492	(0.965)	527026	18.5864	18.586
142 Benzo(k)fluoranthene	252	11.533	11.524	(0.968)	537682	17.7285	17.728
143 7,12-dimethylbenz[a]anthracen	256	11.496	11.487	(0.965)	258310	18.9915	18.991
146 Benzo(a)pyrene	252	11.859	11.845	(0.995)	477032	20.0386	20.038

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (NG)	CONCENTRATIONS FINAL (NG)
149 Indeno(1,2,3-cd)pyrene	276	13.291	13.276	(1.115)	566639	19.5209	19.521
150 Dibenz(a,h)anthracene	278	13.323	13.303	(1.118)	480541	19.1431	19.143
151 Benzo(g,h,i)perylene	276	13.691	13.677	(1.149)	486787	19.4323	19.432
$ 154 Nitrobenzene-d5	82	Compound Not Detected.					
$ 155 2-Fluorobiphenyl	172	Compound Not Detected.					
$ 156 Terphenyl-d14	244	Compound Not Detected.					
$ 157 Phenol-d5	99	Compound Not Detected.					
$ 158 2-Fluorophenol	112	Compound Not Detected.					
$ 159 2,4,6-Tribromophenol	329	Compound Not Detected.					
$ 186 2-Chlorophenol-d4	132	Compound Not Detected.					
$ 187 1,2-Dichlorobenzene-d4	152	Compound Not Detected.					

QC Flag Legend

Q - Qualifier signal failed the ratio test.

Test America Pittsburgh

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: 722.i
Lab File ID: F12230C2.D
Analysis Type:
Lab Sample ID: sstd4
Method: \\PITSVR06\d\chem\722.i\122308.b\LL.m

Injection Date: 23-DEC-2008 04:01
Init. Cal. Date(s): 18-DEC-2008 18-DEC-2008
Init. Cal. Times: 03:58 07:10
Quant Type: ISTD

COMPOUND	RRF / AMOUNT	RF4	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE	
198 1,4-Dioxane	0.39526	0.58219	0.010	-47.29346	25.00000	Averaged	<-
220 Benzaldehyde	0.63067	0.88927	0.010	-7.05428	25.00000	Averaged	
10 N-Nitrosodimethylamine	0.78603	0.83852	0.010	-6.67766	25.00000	Averaged	
9 Pyridine	1.33629	1.54033	0.010	-15.26924	25.00000	Averaged	
16 Methyl methanesulfonate	0.71153	0.71578	0.010	-0.59698	25.00000	Averaged	
21 Aniline	1.71860	1.87799	0.010	-9.27421	25.00000	Averaged	
22 Phenol	1.77901	1.66716	0.010	6.28704	20.00000	Averaged	
23 bis(2-Chloroethyl)ether	1.28352	1.18946	0.010	7.32878	25.00000	Averaged	
24 2-Chlorophenol	1.45487	1.43373	0.010	1.45310	25.00000	Averaged	
26 1,3-Dichlorobenzene	1.60715	1.65914	0.010	-3.23505	25.00000	Averaged	
27 1,4-Dichlorobenzene	1.64914	1.65004	0.010	-0.05438	20.00000	Averaged	
28 1,2-Dichlorobenzene	1.55719	1.55814	0.010	-0.06126	25.00000	Averaged	
227 Indene	2.50531	2.48924	0.010	0.64149	25.00000	Averaged	
29 Benzyl Alcohol	~~0.04084~~	~~1.17249~~	~~0.010~~	~~-39.56239~~	25.00000	Averaged	<- ND 12/23/08
30 2-Methylphenol	1.23284	1.17349	0.010	4.81410	25.00000	Averaged	
31 2,2'-oxybis(1-Chloropropane	1.61450	1.37779	0.010	14.66147	25.00000	Averaged	
37 Acetophenone	1.78285	1.84595	0.010	-3.53949	25.00000	Averaged	
32 N-Nitroso-di-n-propylamine	0.95480	0.86895	0.050	8.99107	25.00000	Averaged	
192 4-Methylphenol	1.31235	1.23727	0.010	5.72104	25.00000	Averaged	
34 Hexachloroethane	0.63608	0.60102	0.010	5.51146	25.00000	Averaged	
35 Nitrobenzene	0.37166	0.36427	0.010	-3.39286	25.00000	Averaged	
41 Isophorone	0.60443	0.58693	0.010	2.89428	25.00000	Averaged	
42 2-Nitrophenol	0.19065	0.19061	0.010	0.02558	20.00000	Averaged	
43 2,4-Dimethylphenol	0.34575	0.34382	0.010	0.55794	25.00000	Averaged	
44 bis(2-Chloroethoxy)methane	0.37647	0.35351	0.010	6.09877	25.00000	Averaged	
48 2,4-Dichlorophenol	0.28146	0.28188	0.010	-0.15066	20.00000	Averaged	
49 Benzoic Acid	0.17214	0.19103	0.010	-10.96984	25.00000	Averaged	
50 1,2,4-Trichlorobenzene	0.33470	0.34995	0.010	-4.55620	25.00000	Averaged	
51 Naphthalene	1.02972	1.04534	0.010	-1.51646	25.00000	Averaged	
52 4-Chloroaniline	0.37987	0.40627	0.010	-6.94893	25.00000	Averaged	
54 2,6-Dichlorophenol	0.28367	0.28839	0.010	-1.66434	25.00000	Averaged	
56 Hexachlorobutadiene	0.19351	0.19932	0.010	-3.00409	20.00000	Averaged	
221 Caprolactam	0.08515	0.08691	0.010	-2.07774	25.00000	Averaged	
59 4-Chloro-3-Methylphenol	0.27787	0.28648	0.010	-3.09615	20.00000	Averaged	
62 2-Methylnaphthalene	0.67318	0.68000	0.010	-1.01258	25.00000	Averaged	
205 1-Methylnaphthalene	0.64811	0.66817	0.010	-3.09609	25.00000	Averaged	
64 Hexachlorocyclopentadiene	0.28739	0.22125	0.050	23.01162	25.00000	Averaged	
66 2,4,6-Trichlorophenol	0.36635	0.35507	0.010	3.07895	20.00000	Averaged	
67 2,4,5-Trichlorophenol	0.38251	0.39012	0.010	-1.99028	25.00000	Averaged	
222 1,1'-Biphenyl	1.48060	1.49189	0.010	-0.76204	25.00000	Averaged	
70 2-Chloronaphthalene	1.12884	1.15073	0.010	-1.93907	25.00000	Averaged	
73 2-Nitroaniline	0.31802	0.28203	0.010	11.31747	25.00000	Averaged	

Test America Pittsburgh

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: 722.i Injection Date: 23-DEC-2008 04:01
Lab File ID: F12230C2.D Init. Cal. Date(s): 18-DEC-2008 18-DEC-2008
Analysis Type: Init. Cal. Times: 03:58 07:10
Lab Sample ID: sstd4 Quant Type: ISTD
Method: \\PITSVR06\d\chem\722.i\122308.b\LL.m

COMPOUND	RRF / AMOUNT	RF4	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE
76 Dimethylphthalate	1.16691	1.24878	0.010	-7.01587	25.00000	Averaged
78 2,6-Dinitrotoluene	0.25943	0.25601	0.010	1.31827	25.00000	Averaged
79 Acenaphthylene	1.72183	1.75661	0.010	-2.01979	25.00000	Averaged
81 3-Nitroaniline	0.26765	0.29052	0.010	-8.54448	25.00000	Averaged
82 Acenaphthene	1.13293	1.13672	0.010	-0.33460	20.00000	Averaged
83 2,4-Dinitrophenol	0.09074	0.15660	0.050	-72.57041	25.00000	Averaged
85 4-Nitrophenol	0.14494	0.16046	0.050	-10.70737	25.00000	Averaged
86 Dibenzofuran	1.55211	1.61991	0.010	-4.36772	25.00000	Averaged
87 2,4-Dinitrotoluene	0.33750	0.36013	0.010	-6.70602	25.00000	Averaged
91 2,3,5,6-Tetrachlorophenol	0.29494	0.29029	0.010	1.57730	25.00000	Averaged
88 2,3,4,6-Tetrachlorophenol	0.29559	0.34612	0.010	-17.09259	25.00000	Averaged
92 2-Naphthylamine	0.64386	0.78807	0.010	-22.39825	25.00000	Averaged
93 Diethylphthalate	1.12645	1.18809	0.010	-5.47158	25.00000	Averaged
94 Fluorene	1.22795	1.24304	0.010	-1.22864	25.00000	Averaged
95 4-Chlorophenyl-phenylether	0.60979	0.63245	0.010	-3.71613	25.00000	Averaged
96 4-Nitroaniline	0.25900	0.29603	0.010	-14.29648	25.00000	Averaged
98 4,6-Dinitro-2-methylphenol	0.09447	0.11580	0.010	-22.57907	25.00000	Averaged
99 N-Nitrosodiphenylamine	0.51590	0.49143	0.010	4.74331	20.00000	Averaged
100 1,2-Diphenylhydrazine	0.73907	0.62999	0.010	14.75948	25.00000	Averaged
106 4-Bromophenyl-phenylether	0.21337	0.21584	0.010	-1.15526	25.00000	Averaged
107 Hexachlorobenzene	0.21762	0.21866	0.010	-0.38547	25.00000	Averaged
223 Atrazine	0.18723	0.19542	0.010	-4.37377	25.00000	Averaged
111 Pentachlorophenol	0.14001	0.12149	0.025	13.22729	20.00000	Averaged
115 Phenanthrene	1.02767	0.98764	0.010	3.89559	25.00000	Averaged
116 Anthracene	1.04540	1.03870	0.010	0.64030	25.00000	Averaged
119 Carbazole	0.90963	0.94109	0.010	-3.45857	25.00000	Averaged
120 Di-n-Butylphthalate	1.11742	1.11999	0.010	-0.23059	25.00000	Averaged
123 Fluoranthene	0.98800	1.07307	0.010	-8.61037	20.00000	Averaged
124 Benzidine	0.24197	0.20883	0.010	13.69644	25.00000	Averaged
125 Pyrene	1.32739	1.26609	0.010	4.61816	25.00000	Averaged
131 Butylbenzylphthalate	0.57148	0.55047	0.010	3.67726	25.00000	Averaged
135 3,3'-Dichlorobenzidine	0.35461	0.39842	0.010	-12.35411	25.00000	Averaged
136 Benzo(a)Anthracene	1.16044	1.16736	0.010	-0.59599	25.00000	Averaged
137 Chrysene	1.13886	1.19025	0.010	-4.51244	25.00000	Averaged
139 bis(2-ethylhexyl)Phthalate	0.82530	0.75090	0.010	9.01390	25.00000	Averaged
140 Di-n-octylphthalate	1.37200	1.41548	0.010	-3.16895	20.00000	Averaged
141 Benzo(b)fluoranthene	1.45184	1.37542	0.010	5.26320	25.00000	Averaged
142 Benzo(k)fluoranthene	1.55287	1.58937	0.010	-2.35046	25.00000	Averaged
143 7,12-dimethylbenz(a)anthrac	0.69641	0.68615	0.010	1.47267	25.00000	Averaged
146 Benzo(a)pyrene	1.21888	1.22722	0.010	-0.68415	20.00000	Averaged
149 Indeno(1,2,3-cd)pyrene	1.48624	1.55586	0.010	-4.68437	25.00000	Averaged
150 Dibenz(a,h)anthracene	1.28529	1.30348	0.010	-1.41554	25.00000	Averaged

Test America Pittsburgh

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: 722.i Injection Date: 23-DEC-2008 04:01
Lab File ID: F12230C2.D Init. Cal. Date(s): 18-DEC-2008 18-DEC-2008
Analysis Type: Init. Cal. Times: 03:58 07:10
Lab Sample ID: sstd4 Quant Type: ISTD
Method: \\PITSVR06\d\chem\722.i\122308.b\LL.m

COMPOUND	RRF / AMOUNT	RF4	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE
151 Benzo(g,h,i)perylene	1.28261	1.34057	0.010	-4.51906	25.00000	Averaged
$ 154 Nitrobenzene-d5	0.36732	0.33694	0.010	8.26921	25.00000	Averaged
$ 155 2-Fluorobiphenyl	1.27486	1.25608	0.010	1.47386	25.00000	Averaged
$ 156 Terphenyl-d14	0.93960	0.90773	0.010	3.39240	25.00000	Averaged
$ 157 Phenol-d5	1.52167	1.48467	0.010	2.43173	25.00000	Averaged
$ 158 2-Fluorophenol	1.22272	1.22686	0.010	-0.33866	25.00000	Averaged
$ 159 2,4,6-Tribromophenol	0.08773	0.08153	0.010	7.06869	25.00000	Averaged
$ 186 2-Chlorophenol-d4	1.43113	1.38798	0.010	3.01498	25.00000	Averaged
$ 187 1,2-Dichlorobenzene-d4	1.00348	1.02467	0.010	-2.11208	25.00000	Averaged

Test America Pittsburgh

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: 722.i
Lab File ID: F12240C1.D
Analysis Type:
Lab Sample ID: sstd4
Method: \\PITSVR06\d\chem\722.i\122408.b\LL.m

Injection Date: 24-DEC-2008 03:02
Init. Cal. Date(s): 18-DEC-2008 18-DEC-2008
Init. Cal. Times: 03:58 07:10
Quant Type: ISTD

COMPOUND	RRF / AMOUNT	RF4	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE	
198 1,4-Dioxane	0.39526	0.45252	0.010	-14.48614	25.00000	Averaged	
220 Benzaldehyde	0.83067	0.89688	0.010	-7.96989	25.00000	Averaged	
10 N-Nitrosodimethylamine	0.78603	0.70322	0.010	10.53529	25.00000	Averaged	
9 Pyridine	1.33629	1.25087	0.010	6.39201	25.00000	Averaged	
16 Methyl methanesulfonate	0.71153	0.72723	0.010	-2.20584	25.00000	Averaged	
21 Aniline	1.71860	1.64201	0.010	4.45644	25.00000	Averaged	
22 Phenol	1.77901	1.63991	0.010	7.81899	20.00000	Averaged	
23 bis(2-Chloroethyl)ether	1.28352	1.26006	0.010	1.82797	25.00000	Averaged	
24 2-Chlorophenol	1.45487	1.39746	0.010	3.94652	25.00000	Averaged	
26 1,3-Dichlorobenzene	1.60715	1.66933	0.010	-3.86878	25.00000	Averaged	
27 1,4-Dichlorobenzene	1.64914	1.69179	0.010	-2.58625	20.00000	Averaged	
28 1,2-Dichlorobenzene	1.55719	1.56221	0.010	-0.32284	25.00000	Averaged	
227 Indene	2.50531	2.38990	0.010	4.60685	25.00000	Averaged	
29 Benzyl Alcohol	0.84084	1.27020	0.010	-51.06326	25.00000	Averaged	<- ND 12/26/08
30 2-Methylphenol	1.23284	1.27020	0.010	-3.02985	25.00000	Averaged	
31 2,2'-oxybis(1-Chloropropane	1.61450	1.39479	0.010	13.60817	25.00000	Averaged	
37 Acetophenone	1.78285	1.88292	0.010	-5.61291	25.00000	Averaged	
32 N-Nitroso-di-n-propylamine	0.95480	0.84362	0.050	11.64450	25.00000	Averaged	
192 4-Methylphenol	1.31235	1.20869	0.010	7.89892	25.00000	Averaged	
34 Hexachloroethane	0.63608	0.62273	0.010	2.09901	25.00000	Averaged	
35 Nitrobenzene	0.37166	0.35237	0.010	5.18977	25.00000	Averaged	
41 Isophorone	0.60443	0.55821	0.010	7.64660	25.00000	Averaged	
42 2-Nitrophenol	0.19065	0.17861	0.010	6.31673	20.00000	Averaged	
43 2,4-Dimethylphenol	0.34575	0.32893	0.010	4.86417	25.00000	Averaged	
44 bis(2-Chloroethoxy)methane	0.37647	0.35252	0.010	6.36165	25.00000	Averaged	
48 2,4-Dichlorophenol	0.28146	0.27084	0.010	3.77169	20.00000	Averaged	
49 Benzoic Acid	0.17214	0.21860	0.010	-26.98836	25.00000	Averaged	<-
50 1,2,4-Trichlorobenzene	0.33470	0.35257	0.010	-5.34139	25.00000	Averaged	
51 Naphthalene	1.02972	1.02841	0.010	0.12742	25.00000	Averaged	
52 4-Chloroaniline	0.37987	0.33979	0.010	10.55269	25.00000	Averaged	
54 2,6-Dichlorophenol	0.28367	0.28097	0.010	0.95243	25.00000	Averaged	
56 Hexachlorobutadiene	0.19351	0.20438	0.010	-5.61556	20.00000	Averaged	
221 Caprolactam	0.08515	0.09001	0.010	-5.71752	25.00000	Averaged	
59 4-Chloro-3-Methylphenol	0.27787	0.27170	0.010	2.22140	20.00000	Averaged	
62 2-Methylnaphthalene	0.67318	0.68164	0.010	-1.25593	25.00000	Averaged	
205 1-Methylnaphthalene	0.64811	0.64268	0.010	0.83693	25.00000	Averaged	
64 Hexachlorocyclopentadiene	0.28739	0.26513	0.050	7.74550	25.00000	Averaged	
66 2,4,6-Trichlorophenol	0.36635	0.34307	0.010	6.35306	20.00000	Averaged	
67 2,4,5-Trichlorophenol	0.38251	0.36798	0.010	3.79772	25.00000	Averaged	
222 1,1'-Biphenyl	1.48060	1.44360	0.010	2.49928	25.00000	Averaged	
70 2-Chloronaphthalene	1.12884	1.16761	0.010	-3.43408	25.00000	Averaged	
73 2-Nitroaniline	0.31802	0.30116	0.010	5.30236	25.00000	Averaged	

Test America Pittsburgh

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: 722.i Injection Date: 24-DEC-2008 03:02
Lab File ID: F12240C1.D Init. Cal. Date(s): 18-DEC-2008 18-DEC-2008
Analysis Type: Init. Cal. Times: 03:58 07:10
Lab Sample ID: sstd4 Quant Type: ISTD
Method: \\PITSVR06\d\chem\722.i\122408.b\LL.m

COMPOUND	RRF / AMOUNT	RF4	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE	
76 Dimethylphthalate	1.16691	1.22937	0.010	-5.35273	25.00000	Averaged	
78 2,6-Dinitrotoluene	0.25943	0.27726	0.010	-6.87533	25.00000	Averaged	
79 Acenaphthylene	1.72183	1.74362	0.010	-1.26567	25.00000	Averaged	
81 3-Nitroaniline	0.26765	0.27132	0.010	-1.37116	25.00000	Averaged	
82 Acenaphthene	1.13293	1.13040	0.010	0.22294	20.00000	Averaged	
83 2,4-Dinitrophenol	0.09074	0.13885	0.050	-53.01021	25.00000	Averaged	<-
85 4-Nitrophenol	0.14494	0.15250	0.050	-5.21173	25.00000	Averaged	
86 Dibenzofuran	1.55211	1.60059	0.010	-3.12294	25.00000	Averaged	
87 2,4-Dinitrotoluene	0.33750	0.37159	0.010	-10.10125	25.00000	Averaged	
91 2,3,5,6-Tetrachlorophenol	0.29494	0.28205	0.010	4.37145	25.00000	Averaged	
88 2,3,4,6-Tetrachlorophenol	0.29559	0.30722	0.010	-3.93317	25.00000	Averaged	
92 2-Naphthylamine	0.64386	0.44667	0.010	30.62607	25.00000	Averaged	<-
93 Diethylphthalate	1.12645	1.22301	0.010	-8.57221	25.00000	Averaged	
94 Fluorene	1.22795	1.27844	0.010	-4.11162	25.00000	Averaged	
95 4-Chlorophenyl-phenylether	0.60979	0.65051	0.010	-6.67725	25.00000	Averaged	
96 4-Nitroaniline	0.25900	0.26299	0.010	-1.54150	25.00000	Averaged	
98 4,6-Dinitro-2-methylphenol	0.09447	0.10272	0.010	-8.72923	25.00000	Averaged	
99 N-Nitrosodiphenylamine	0.51590	0.48763	0.010	5.47881	20.00000	Averaged	
100 1,2-Diphenylhydrazine	0.73907	0.61027	0.010	17.42762	25.00000	Averaged	
106 4-Bromophenyl-phenylether	0.21337	0.20625	0.010	3.33747	25.00000	Averaged	
107 Hexachlorobenzene	0.21782	0.20297	0.010	6.82061	25.00000	Averaged	
223 Atrazine	0.18723	0.18318	0.010	2.16631	25.00000	Averaged	
111 Pentachlorophenol	0.14001	0.12089	0.025	13.65274	20.00000	Averaged	
115 Phenanthrene	1.02767	1.02782	0.010	-0.01466	25.00000	Averaged	
116 Anthracene	1.04540	1.02164	0.010	2.27271	25.00000	Averaged	
119 Carbazole	0.90963	0.91390	0.010	-0.46888	25.00000	Averaged	
120 Di-n-Butylphthalate	1.11742	1.09715	0.010	1.81331	25.00000	Averaged	
123 Fluoranthene	0.98800	1.03906	0.010	-5.16859	20.00000	Averaged	
124 Benzidine	0.24197	++++	0.010	++++	25.00000	Averaged	<- NA KBB 12/24/08
125 Pyrene	1.32739	1.27496	0.010	3.94966	25.00000	Averaged	
131 Butylbenzylphthalate	0.57148	0.59036	0.010	-3.30225	25.00000	Averaged	
135 3,3'-Dichlorobenzidine	0.35461	0.25590	0.010	27.83438	25.00000	Averaged	<-
136 Benzo(a)Anthracene	1.16044	1.19310	0.010	-2.81404	25.00000	Averaged	
137 Chrysene	1.13886	1.17722	0.010	-3.36782	25.00000	Averaged	
139 bis(2-ethylhexyl)Phthalate	0.82530	0.81863	0.010	0.80787	25.00000	Averaged	
140 Di-n-octylphthalate	1.37200	1.40715	0.010	-2.56206	20.00000	Averaged	
141 Benzo(b)fluoranthene	1.45184	1.45491	0.010	-0.21187	25.00000	Averaged	
142 Benzo(k)fluoranthene	1.55287	1.42969	0.010	7.93204	25.00000	Averaged	
143 7,12-dimethylbenz(a)anthrac	0.69641	0.68987	0.010	0.93839	25.00000	Averaged	
146 Benzo(a)pyrene	1.21888	1.24070	0.010	-1.78979	20.00000	Averaged	
149 Indeno(1,2,3-cd)pyrene	1.48624	1.51177	0.010	-1.71801	25.00000	Averaged	
150 Dibenz(a,h)anthracene	1.28529	1.28102	0.010	0.33211	25.00000	Averaged	

Test America Pittsburgh

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: 722.i Injection Date: 24-DEC-2008 03:02
Lab File ID: F12240C1.D Init. Cal. Date(s): 18-DEC-2008 18-DEC-2008
Analysis Type: Init. Cal. Times: 03:58 07:10
Lab Sample ID: sstd4 Quant Type: ISTD
Method: \\PITSVR06\d\chem\722.i\122408.b\LL.m

COMPOUND	RRF / AMOUNT	RF4	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE
151 Benzo(g,h,i)perylene	1.28261	1.33772	0.010	-4.29669	25.00000	Averaged
$ 154 Nitrobenzene-d5	0.36732	0.31988	0.010	12.91597	25.00000	Averaged
$ 155 2-Fluorobiphenyl	1.27486	1.29813	0.010	-1.82495	25.00000	Averaged
$ 156 Terphenyl-d14	0.93960	0.90817	0.010	3.34523	25.00000	Averaged
$ 157 Phenol-d5	1.52167	1.37641	0.010	9.54623	25.00000	Averaged
$ 158 2-Fluorophenol	1.22272	1.25602	0.010	-2.72363	25.00000	Averaged
$ 159 2,4,6-Tribromophenol	0.08773	0.08043	0.010	8.32743	25.00000	Averaged
$ 186 2-Chlorophenol-d4	1.43113	1.30649	0.010	8.70936	25.00000	Averaged
$ 187 1,2-Dichlorobenzene-d4	1.00348	1.00116	0.010	0.23089	25.00000	Averaged

METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: C8L110371 Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: C8L160000-421 Prep Batch #...: 8351421						
Silver	ND	5.0	ug/L	SW846 6010B	12/16-12/28/08	K4R0Q1AA
		Dilution Factor: 1				
		Analysis Time..: 18:39		Analyst ID.....: 022952	Instrument ID..: TRA	
Aluminum	**43.4 B**	**200**	**ug/L**	**SW846 6010B**	**12/16-12/28/08**	**K4R0Q1AC**
		Dilution Factor: 1				
		Analysis Time..: 18:39		Analyst ID.....: 022952	Instrument ID..: TRA	
Arsenic	ND	10.0	ug/L	SW846 6010B	12/16-12/28/08	K4R0Q1AD
		Dilution Factor: 1				
		Analysis Time..: 18:39		Analyst ID.....: 022952	Instrument ID..: TRA	
Barium	**0.37 B**	**200**	**ug/L**	**SW846 6010B**	**12/16-12/28/08**	**K4R0Q1AE**
		Dilution Factor: 1				
		Analysis Time..: 18:39		Analyst ID.....: 022952	Instrument ID..: TRA	
Beryllium	**0.55 B**	**4.0**	**ug/L**	**SW846 6010B**	**12/16-12/28/08**	**K4R0Q1AF**
		Dilution Factor: 1				
		Analysis Time..: 18:39		Analyst ID.....: 022952	Instrument ID..: TRA	
Calcium	**23.2 B**	**5000**	**ug/L**	**SW846 6010B**	**12/16-12/28/08**	**K4R0Q1AG**
		Dilution Factor: 1				
		Analysis Time..: 18:39		Analyst ID.....: 022952	Instrument ID..: TRA	
Cadmium	ND	5.0	ug/L	SW846 6010B	12/16-12/28/08	K4R0Q1AH
		Dilution Factor: 1				
		Analysis Time..: 18:39		Analyst ID.....: 022952	Instrument ID..: TRA	
Cobalt	ND	50.0	ug/L	SW846 6010B	12/16-12/28/08	K4R0Q1AJ
		Dilution Factor: 1				
		Analysis Time..: 18:39		Analyst ID.....: 022952	Instrument ID..: TRA	
Chromium	ND	5.0	ug/L	SW846 6010B	12/16-12/28/08	K4R0Q1AK
		Dilution Factor: 1				
		Analysis Time..: 18:39		Analyst ID.....: 022952	Instrument ID..: TRA	
Copper	ND	25.0	ug/L	SW846 6010B	12/16-12/28/08	K4R0Q1AL
		Dilution Factor: 1				
		Analysis Time..: 18:39		Analyst ID.....: 022952	Instrument ID..: TRA	
Iron	ND	100	ug/L	SW846 6010B	12/16-12/28/08	K4R0Q1AM
		Dilution Factor: 1				
		Analysis Time..: 18:39		Analyst ID.....: 022952	Instrument ID..: TRA	

(Continued on next page)

METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: C8L110371 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Potassium	ND	5000	ug/L	SW846 6010B	12/16-12/28/08	K4R0Q1AN
		Dilution Factor: 1				
		Analysis Time..: 18:39		Analyst ID.....: 022952	Instrument ID..: TRA	
Magnesium	ND	5000	ug/L	SW846 6010B	12/16-12/28/08	K4R0Q1AP
		Dilution Factor: 1				
		Analysis Time..: 18:39		Analyst ID.....: 022952	Instrument ID..: TRA	
Manganese	ND	15.0	ug/L	SW846 6010B	12/16-12/28/08	K4R0Q1AQ
		Dilution Factor: 1				
		Analysis Time..: 18:39		Analyst ID.....: 022952	Instrument ID..: TRA	
Sodium	ND	5000	ug/L	SW846 6010B	12/16-12/28/08	K4R0Q1AR
		Dilution Factor: 1				
		Analysis Time..: 18:39		Analyst ID.....: 022952	Instrument ID..: TRA	
Nickel	ND	40.0	ug/L	SW846 6010B	12/16-12/28/08	K4R0Q1AT
		Dilution Factor: 1				
		Analysis Time..: 18:39		Analyst ID.....: 022952	Instrument ID..: TRA	
Lead	ND	3.0	ug/L	SW846 6010B	12/16-12/28/08	K4R0Q1AU
		Dilution Factor: 1				
		Analysis Time..: 18:39		Analyst ID.....: 022952	Instrument ID..: TRA	
Selenium	ND	5.0	ug/L	SW846 6010B	12/16-12/28/08	K4R0Q1AV
		Dilution Factor: 1				
		Analysis Time..: 18:39		Analyst ID.....: 022952	Instrument ID..: TRA	
Thallium	ND	10.0	ug/L	SW846 6010B	12/16-12/28/08	K4R0Q1AW
		Dilution Factor: 1				
		Analysis Time..: 18:39		Analyst ID.....: 022952	Instrument ID..: TRA	
Antimony	ND	10.0	ug/L	SW846 6010B	12/16-12/28/08	K4R0Q1AX
		Dilution Factor: 1				
		Analysis Time..: 18:39		Analyst ID.....: 022952	Instrument ID..: TRA	
Vanadium	ND	50.0	ug/L	SW846 6010B	12/16-12/28/08	K4R0Q1A0
		Dilution Factor: 1				
		Analysis Time..: 18:39		Analyst ID.....: 022952	Instrument ID..: TRA	
Zinc	**3.3 B**	**20.0**	**ug/L**	**SW846 6010B**	**12/16-12/28/08**	**K4R0Q1A1**
		Dilution Factor: 1				
		Analysis Time..: 18:39		Analyst ID.....: 022952	Instrument ID..: TRA	

(Continued on next page)

METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: C8L110371 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: C8L220000-147 **Prep Batch #...:** 8357147						
Mercury	ND	0.20	ug/L	SW846 7470A	12/22/08	K44421AA

Dilution Factor: 1

Analysis Time..: 12:48 Analyst ID.....: 403938 Instrument ID..: HGH

NOTE(S):

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

B Estimated result. Result is less than RL.

TestAmerica Pittsburgh

Metals Data Reporting Form

Initial Calibration Blank Results

Instrument: ICPST **Units:** ug/L

Chart Number: T81228A.ARC

Standard Source: _____ **Standard ID:** _____

Element	WL/ Mass	Report Limit	ICB1 12/28/2008 1:21 PM Found	Q	Found	Q	Found	Q	Found	Q	Found	Q
Aluminum	308.215	200	16.2	U								
Antimony	220.353	10	1.8	U								
Arsenic	189.042	10	2.0	U								
Barium	493.409	200	**0.4**	**B**								
Beryllium	313.042	4	**0.4**	**B**								
Cadmium	226.502	5	0.2	U								
Calcium	317.933	5000	17.7	U								
Chromium	267.716	5	1.1	U								
Cobalt	228.616	50	0.5	U								
Copper	324.753	25	4.6	U								
Iron	271.441	100	8.4	U								
Lead	220.353	3	1.7	U								
Magnesium	279.078	5000	21.8	U								
Manganese	257.61	15	0.6	U								
Nickel	231.604	40	0.8	U								
Potassium	766.491	5000	750.0	U								
Selenium	220.353	5	2.9	U								
Silver	328.068	5	0.5	U								
Sodium	330.232	5000	**-560.0**	**B**								
Thallium	190.864	10	2.8	U								
Vanadium	292.402	50	2.4	U								
Zinc	213.856	20	3.1	U								

U Result is less than the MDL
B Result is between MDL and RL

Form 3 Equivalent

TestAmerica Pittsburgh

Metals Data Reporting Form

Initial Calibration Blank Results

Instrument: ICPST **Units:** ug/L

Chart Number: T81230B.ARC

Standard Source: _____ **Standard ID:** _____

Element	WL/ Mass	Report Limit	ICB1 12/30/2008 9:33 AM Found	Q	Found	Q	Found	Q	Found	Q	Found	Q
Sodium	330.232	5000	-450.0	B								

5.22.0

U Result is less than the MDL

B Result is between MDL and RL

Form 3 Equivalent

TestAmerica Pittsburgh

Metals Data Reporting Form

Continuing Calibration Blank Result

Instrument: ICPST **Units:** ug/L

Chart Number: T81228A.ARC

Standard Source: _____ **Standard ID:** _____

Element	WL/ Mass	Report Limit	CCB1 12/28/2008 1:48 PM Found	Q	CCB2 12/28/2008 2:54 PM Found	Q	CCB3 12/28/2008 4:00 PM Found	Q	CCB4 12/28/2008 5:06 PM Found	Q	CCB5 12/28/2008 6:12 PM Found	Q
Aluminum	308.215	200	16.2	U	16.2	U	**28.3**	**B**	**32.2**	**B**	**37.6**	**B**
Antimony	220.353	10	1.8	U	1.8	U	1.8	U	1.8	U	1.8	U
Arsenic	189.042	10	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U
Barium	493.409	200	0.3	U	0.3	U	0.3	U	0.3	U	0.3	U
Beryllium	313.042	4	**0.2**	**B**	**0.5**	**B**	**0.6**	**B**	**0.8**	**B**	**0.8**	**B**
Cadmium	226.502	5	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
Calcium	317.933	5000	17.7	U	17.7	U	17.7	U	17.7	U	17.7	U
Chromium	267.716	5	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U
Cobalt	228.616	50	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Copper	324.753	25	4.6	U	4.6	U	4.6	U	4.6	U	4.6	U
Iron	271.441	100	8.4	U	8.4	U	8.4	U	8.4	U	8.4	U
Lead	220.353	3	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U
Magnesium	279.078	5000	21.8	U	21.8	U	21.8	U	21.8	U	21.8	U
Manganese	257.61	15	0.6	U	0.6	U	0.6	U	0.6	U	0.6	U
Nickel	231.604	40	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U
Potassium	766.491	5000	750.0	U	750.0	U	750.0	U	750.0	U	750.0	U
Selenium	220.353	5	2.9	U	2.9	U	2.9	U	2.9	U	2.9	U
Silver	328.068	5	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Sodium	330.232	5000	**-570.0**	**B**	**-530.0**	**B**	**-510.0**	**B**	**-380.0**	**B**	**-450.0**	**B**
Thallium	190.864	10	2.8	U	2.8	U	2.8	U	**2.9**	**B**	**2.9**	**B**
Vanadium	292.402	50	2.4	U	2.4	U	2.4	U	2.4	U	2.4	U
Zinc	213.856	20	3.1	U	3.1	U	3.1	U	3.1	U	3.1	U

U Result is less than the MDL
B Result is between MDL and RL

Form 3 Equivalent

TestAmerica Pittsburgh

Metals Data Reporting Form

Continuing Calibration Blank Result

Instrument: ICPST **Units:** ug/L

Chart Number: T81228A.ARC

Standard Source: _____ **Standard ID:** _____

Element	WL/ Mass	Report Limit	CCB6 12/28/2008 7:18 PM Found	Q	CCB7 12/28/2008 8:24 PM Found	Q	Found	Q	Found	Q	Found	Q
Aluminum	308.215	200	**38.6**	**B**	**40.8**	**B**						
Antimony	220.353	10	1.8	U	1.8	U						
Arsenic	189.042	10	2.0	U	2.0	U						
Barium	493.409	200	0.3	U	0.3	U						
Beryllium	313.042	4	**1.0**	**B**	**1.1**	**B**						
Cadmium	226.502	5	0.2	U	0.2	U						
Calcium	317.933	5000	17.7	U	17.7	U						
Chromium	267.716	5	1.1	U	1.1	U						
Cobalt	228.616	50	0.5	U	0.5	U						
Copper	324.753	25	4.6	U	4.6	U						
Iron	271.441	100	8.4	U	8.4	U						
Lead	220.353	3	1.7	U	1.7	U						
Magnesium	279.078	5000	21.8	U	21.8	U						
Manganese	257.61	15	0.6	U	0.6	U						
Nickel	231.604	40	0.8	U	0.8	U						
Potassium	766.491	5000	750.0	U	750.0	U						
Selenium	220.353	5	2.9	U	2.9	U						
Silver	328.068	5	0.5	U	0.5	U						
Sodium	330.232	5000	**-470.0**	**B**	**-460.0**	**B**						
Thallium	190.864	10	**3.6**	**B**	2.8	U						
Vanadium	292.402	50	2.4	U	2.4	U						
Zinc	213.856	20	3.1	U	3.1	U						

TestAmerica Pittsburgh

Metals Data Reporting Form

Continuing Calibration Blank Result

Instrument: ICPST **Units:** ug/L

Chart Number: T81230B.ARC

Standard Source: _____ **Standard ID:** _____

Element	WL/ Mass	Report Limit	CCB1 12/30/2008 10:00 AM Found	Q	CCB2 12/30/2008 11:06 AM Found	Q	CCB3 12/30/2008 12:12 PM Found	Q	Found	Q	Found	Q
Sodium	330.232	5000	**-530.0**	**B**	**-320.0**	**B**	**-470.0**	**B**				

5.22.0

U Result is less than the MDL

B Result is between MDL and RL

Form 3 Equivalent

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: C8L110371 **Matrix.....:** WG
Date Sampled...: 12/10/08 **Date Received..:** 12/11/08

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: C8L110371-002 **Prep Batch #...:** 8351421									
Silver									
	ND	50.0	52.0	ug/L	104		SW846 6010B	12/16-12/28/08	K4J251A6
	ND	50.0	52.6	ug/L	105	1.1	SW846 6010B	12/16-12/28/08	K4J251A7
			Dilution Factor: 1						
			Analysis Time..: 19:01		Instrument ID..: TRACEICP		Analyst ID.....: 022952		
			MS Run #.....: 8351251						
Aluminum									
	914	2000	3750 N	ug/L	142		SW846 6010B	12/16-12/28/08	K4J251A8
	914	2000	3780 N	ug/L	143	0.87	SW846 6010B	12/16-12/28/08	K4J251A9
			Dilution Factor: 1						
			Analysis Time..: 19:01		Instrument ID..: TRACEICP		Analyst ID.....: 022952		
			MS Run #.....: 8351251						
Arsenic									
	10.0	2000	1960	ug/L	97		SW846 6010B	12/16-12/28/08	K4J251CA
	10.0	2000	1960	ug/L	98	0.29	SW846 6010B	12/16-12/28/08	K4J251CC
			Dilution Factor: 1						
			Analysis Time..: 19:01		Instrument ID..: TRACEICP		Analyst ID.....: 022952		
			MS Run #.....: 8351251						
Barium									
	195	2000	2210	ug/L	101		SW846 6010B	12/16-12/28/08	K4J251CD
	195	2000	2240	ug/L	102	1.4	SW846 6010B	12/16-12/28/08	K4J251CE
			Dilution Factor: 1						
			Analysis Time..: 19:01		Instrument ID..: TRACEICP		Analyst ID.....: 022952		
			MS Run #.....: 8351251						
Beryllium									
	0.38	50.0	51.0	ug/L	101		SW846 6010B	12/16-12/28/08	K4J251CF
	0.38	50.0	51.3	ug/L	102	0.45	SW846 6010B	12/16-12/28/08	K4J251CG
			Dilution Factor: 1						
			Analysis Time..: 19:01		Instrument ID..: TRACEICP		Analyst ID.....: 022952		
			MS Run #.....: 8351251						
Calcium									
	150000	50000	196000	ug/L	93		SW846 6010B	12/16-12/28/08	K4J251CH
	150000	50000	195000	ug/L	90	0.55	SW846 6010B	12/16-12/28/08	K4J251CJ
			Dilution Factor: 1						
			Analysis Time..: 19:01		Instrument ID..: TRACEICP		Analyst ID.....: 022952		
			MS Run #.....: 8351251						

(Continued on next page)

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: C8L110371 **Matrix.....:** WG
Date Sampled...: 12/10/08 **Date Received..:** 12/11/08

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Cadmium									
	ND	50.0	47.9	ug/L	96		SW846 6010B	12/16-12/28/08	K4J251CK
	ND	50.0	48.1	ug/L	96	0.35	SW846 6010B	12/16-12/28/08	K4J251CL
			Dilution Factor: 1						
			Analysis Time..: 19:01		Instrument ID..: TRACEICP		Analyst ID.....: 022952		
			MS Run #.....: 8351251						
Cobalt									
	ND	500	476	ug/L	95		SW846 6010B	12/16-12/28/08	K4J251CM
	ND	500	479	ug/L	96	0.63	SW846 6010B	12/16-12/28/08	K4J251CN
			Dilution Factor: 1						
			Analysis Time..: 19:01		Instrument ID..: TRACEICP		Analyst ID.....: 022952		
			MS Run #.....: 8351251						
Chromium									
	1.3	200	199	ug/L	99		SW846 6010B	12/16-12/28/08	K4J251CP
	1.3	200	201	ug/L	100	0.80	SW846 6010B	12/16-12/28/08	K4J251CQ
			Dilution Factor: 1						
			Analysis Time..: 19:01		Instrument ID..: TRACEICP		Analyst ID.....: 022952		
			MS Run #.....: 8351251						
Copper									
	ND	250	255	ug/L	102		SW846 6010B	12/16-12/28/08	K4J251CR
	ND	250	260	ug/L	104	1.7	SW846 6010B	12/16-12/28/08	K4J251CT
			Dilution Factor: 1						
			Analysis Time..: 19:01		Instrument ID..: TRACEICP		Analyst ID.....: 022952		
			MS Run #.....: 8351251						
Iron									
	17100	1000	18000	ug/L			SW846 6010B	12/16-12/28/08	K4J251CU
			Qualifiers: NC						
	17100	1000	17900	ug/L			SW846 6010B	12/16-12/28/08	K4J251CV
			Qualifiers: NC						
			Dilution Factor: 1						
			Analysis Time..: 19:01		Instrument ID..: TRACEICP		Analyst ID.....: 022952		
			MS Run #.....: 8351251						
Potassium									
	12900	50000	69500	ug/L	113		SW846 6010B	12/16-12/28/08	K4J251CW
	12900	50000	70700	ug/L	116	1.6	SW846 6010B	12/16-12/28/08	K4J251CX
			Dilution Factor: 1						
			Analysis Time..: 19:01		Instrument ID..: TRACEICP		Analyst ID.....: 022952		
			MS Run #.....: 8351251						

(Continued on next page)

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: C8L110371 **Matrix.....:** WG
Date Sampled...: 12/10/08 **Date Received..:** 12/11/08

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Magnesium									
	23500	50000	73900	ug/L	101		SW846 6010B	12/16-12/28/08	K4J251C0
	23500	50000	74100	ug/L	101	0.28	SW846 6010B	12/16-12/28/08	K4J251C1
			Dilution Factor: 1						
			Analysis Time..: 19:01		Instrument ID..: TRACEICP		Analyst ID.....: 022952		
			MS Run #.....: 8351251						
Manganese									
	2070	500	2560 NC	ug/L			SW846 6010B	12/16-12/28/08	K4J251C2
	2070	500	2550 NC	ug/L			SW846 6010B	12/16-12/28/08	K4J251C3
			Dilution Factor: 1						
			Analysis Time..: 19:01		Instrument ID..: TRACEICP		Analyst ID.....: 022952		
			MS Run #.....: 8351251						
Sodium									
	152000	50000	203000	ug/L	101		SW846 6010B	12/16-12/28/08	K4J251C4
	152000	50000	205000	ug/L	105	0.92	SW846 6010B	12/16-12/28/08	K4J251C5
			Dilution Factor: 1						
			Analysis Time..: 19:01		Instrument ID..: TRACEICP		Analyst ID.....: 022952		
			MS Run #.....: 8351251						
Nickel									
	1.9	500	478	ug/L	95		SW846 6010B	12/16-12/28/08	K4J251C6
	1.9	500	483	ug/L	96	0.85	SW846 6010B	12/16-12/28/08	K4J251C7
			Dilution Factor: 1						
			Analysis Time..: 19:01		Instrument ID..: TRACEICP		Analyst ID.....: 022952		
			MS Run #.....: 8351251						
Lead									
	3.4	500	478	ug/L	95		SW846 6010B	12/16-12/28/08	K4J251C8
	3.4	500	482	ug/L	96	0.81	SW846 6010B	12/16-12/28/08	K4J251C9
			Dilution Factor: 1						
			Analysis Time..: 19:01		Instrument ID..: TRACEICP		Analyst ID.....: 022952		
			MS Run #.....: 8351251						
Selenium									
	ND	2000	1990	ug/L	99		SW846 6010B	12/16-12/28/08	K4J251DA
	ND	2000	2000	ug/L	100	0.38	SW846 6010B	12/16-12/28/08	K4J251DC
			Dilution Factor: 1						
			Analysis Time..: 19:01		Instrument ID..: TRACEICP		Analyst ID.....: 022952		
			MS Run #.....: 8351251						

(Continued on next page)

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: C8L110371 **Matrix.....:** WG
Date Sampled...: 12/10/08 **Date Received..:** 12/11/08

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Thallium									
	ND	2000	1900	ug/L	95		SW846 6010B	12/16-12/28/08	K4J251DD
	ND	2000	1920	ug/L	96	1.1	SW846 6010B	12/16-12/28/08	K4J251DE
			Dilution Factor: 1						
			Analysis Time..: 19:01		Instrument ID..: TRACEICP		Analyst ID.....: 022952		
			MS Run #.....: 8351251						
Antimony									
	ND	500	509	ug/L	102		SW846 6010B	12/16-12/28/08	K4J251DF
	ND	500	512	ug/L	102	0.56	SW846 6010B	12/16-12/28/08	K4J251DG
			Dilution Factor: 1						
			Analysis Time..: 19:01		Instrument ID..: TRACEICP		Analyst ID.....: 022952		
			MS Run #.....: 8351251						
Vanadium									
	ND	500	499	ug/L	100		SW846 6010B	12/16-12/28/08	K4J251DH
	ND	500	503	ug/L	101	0.84	SW846 6010B	12/16-12/28/08	K4J251DJ
			Dilution Factor: 1						
			Analysis Time..: 19:01		Instrument ID..: TRACEICP		Analyst ID.....: 022952		
			MS Run #.....: 8351251						
Zinc									
	9.8	500	506	ug/L	99		SW846 6010B	12/16-12/28/08	K4J251DK
	9.8	500	511	ug/L	100	0.87	SW846 6010B	12/16-12/28/08	K4J251DL
			Dilution Factor: 1						
			Analysis Time..: 19:01		Instrument ID..: TRACEICP		Analyst ID.....: 022952		
			MS Run #.....: 8351251						

NOTE(S):

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

N Spiked analyte recovery is outside stated control limits.

NC The recovery and/or RPD were not calculated.

TestAmerica Pittsburgh

Metals Data Reporting Form

Serial Dilution RPD Report

Serial Dilution Sample ID: K4J25P

Original Sample ID: K4J25 **Client ID:** MW-12P

Matrix: Water **Units:** ug/L **Prep Date:** 12/16/2008 **Prep Batch:** 8351421

Weight: NA **Volume:** 50 **Percent Moisture:** NA

Element	WL/ Mass	OS Conc	Q	Serial Dilution Conc	Q	Percent Diff	OS DF	Ser Dil DF	Instr	OS Anal Date	OS Anal Time	Ser Dil Anal Date	Ser Dil Anal Time
Aluminum	308.215	914		1030	E	12.4	1	5	ICPST	12/28/2008	18:50	12/28/2008	18:56
Antimony	220.353	1.8	U	8.9	U		1	5	ICPST	12/28/2008	18:50	12/28/2008	18:56
Arsenic	189.042	10.0		9.8	U		1	5	ICPST	12/28/2008	18:50	12/28/2008	18:56
Barium	493.409	195	B	188	B	3.7	1	5	ICPST	12/28/2008	18:50	12/28/2008	18:56
Beryllium	313.042	0.38	B	3.2	B		1	5	ICPST	12/28/2008	18:50	12/28/2008	18:56
Cadmium	226.502	0.21	U	1.0	U		1	5	ICPST	12/28/2008	18:50	12/28/2008	18:56
Calcium	317.933	150000		146000		2.3	1	5	ICPST	12/28/2008	18:50	12/28/2008	18:56
Chromium	267.716	1.3	B	5.4	U		1	5	ICPST	12/28/2008	18:50	12/28/2008	18:56
Cobalt	228.616	0.45	U	2.2	U		1	5	ICPST	12/28/2008	18:50	12/28/2008	18:56
Copper	324.753	4.6	U	22.8	U		1	5	ICPST	12/28/2008	18:50	12/28/2008	18:56
Iron	271.441	17100		16800		1.8	1	5	ICPST	12/28/2008	18:50	12/28/2008	18:56
Lead	220.353	3.4		8.6	U		1	5	ICPST	12/28/2008	18:50	12/28/2008	18:56
Magnesium	279.078	23500		22700	B	3.6	1	5	ICPST	12/28/2008	18:50	12/28/2008	18:56
Manganese	257.61	2070		2020		2.4	1	5	ICPST	12/28/2008	18:50	12/28/2008	18:56
Nickel	231.604	1.9	B	3.9	U		1	5	ICPST	12/28/2008	18:50	12/28/2008	18:56
Potassium	766.491	12900		11200	B		1	5	ICPST	12/28/2008	18:50	12/28/2008	18:56
Selenium	220.353	2.9	U	14.5	U		1	5	ICPST	12/28/2008	18:50	12/28/2008	18:56
Silver	328.068	0.54	U	2.7	U		1	5	ICPST	12/28/2008	18:50	12/28/2008	18:56
Sodium	330.232	152000		147000		3.4	1	5	ICPST	12/28/2008	18:50	12/28/2008	18:56
Thallium	190.864	2.8	U	13.8	U		1	5	ICPST	12/28/2008	18:50	12/28/2008	18:56
Vanadium	292.402	2.4	U	11.9	U		1	5	ICPST	12/28/2008	18:50	12/28/2008	18:56
Zinc	213.856	9.8	B	23.6	B		1	5	ICPST	12/28/2008	18:50	12/28/2008	18:56

Comments:

5.22.0

U Result is less than the MDL
B Result is between MDL and RL
E Serial dilution percent difference not within limits

Form 9 Equivalent

CASE NARRATIVE

AECOM
Schenectady RI

Lot # C8L120342

Sample Receiving:
TestAmerica's Pittsburgh laboratory received samples on December 12, 2008. The coolers were received within the proper temperature range.

If project specific QC was not required for samples contained in this report and batch QC was completed on these samples, anomalous results will be discussed below.

GC/MS Volatiles:
Due to the concentration of compounds detected, several samples were analyzed at a dilution.

GC/MS Semivolatiles:
Due to the concentration of target compounds detected, several samples were analyzed at a dilution. Samples MW-8 and MW-8D had the surrogates diluted out.

Metals:
The serial dilution of sample MW-12 was outside of the percent difference control limits for aluminum. The result was flagged with an "E" qualifier.

Sample MW-8, CTM-1, and CTM-15 contained sodium over the instrument's linear range and required dilution.

The method blank had analytes detected at concentrations between the MDL and the reporting limit. The results were flagged with a "B" qualifier. Any sample associated with a method blank that had the same analyte detected had the result flagged with a "J" qualifier.

General Chemistry:
There were no problems associated with the analysis.

C8L120342

Chain of Custody Record

Temperature on Receipt _____

Drinking Water? Yes ☐ No ☒

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TAL-4124 (1007)

Client	Project Manager	Date	Chain of Custody Number
ENSR/AECOM	James Edwards	12/11/08	119003
Address	**Telephone Number (Area Code)/Fax Number**	**Lab Number**	**Page** 1 of 1
1001 W. Seneca ST.	607-277-5716		
City / **State** / **Zip Code**	**Site Contact**	**Lab Contact**	**Analysis (Attach list if more space is needed)**
Ithaca / NY / 14850	K. Stahle	D. Dunlap	
Project Name and Location (State)	**Carrier/Waybill Number**		
Schenectady Former MGP (NY)			
Contract/Purchase Order/Quote No.			

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Containers & Preservatives: Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	Tc/ SVOC 8270C	Tc/ VOC 8260B	TAL Metals 6000-7000	Hg 7470/1 Cyanide	Special Instructions/ Conditions of Receipt
TRIP BLANK	12/11/08																
MW-14D	12/11/08	830		X			2		1	3	1		X	X	X	X	
MW-14	12/11/08	930		X			2		1	3	1		X	X	X	X	
MW-1400	12/11/08	1300		X			2		1	3	1		X	X	X	X	
MW-8	12/11/08	1045		X			2		1	3	1		X	X	X	X	
MW-8D	12/11/08	1130		X			2		1	3	1		X	X	X	X	
CTM-1	12/11/08	902		X			2		1	3	1		X	X	X	X	
CTM-15	12/11/08	1147		X			2		1	3	1		X	X	X	X	
MW-15D	12/11/08	1023		X			2		1	3	1		X	X	X	X	

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months (A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required
☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☐ Other _____

QC Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By	12/11/08	1400	1. Received By Jim Clennie	12/12/08	1000
2. Relinquished By			2. Received By		
3. Relinquished By			3. Received By		

Comments

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

6

(1 - 140)

Cooler Receipt Form
TestAmerica Pittsburgh

Client: ENSR/AECOM Project: Schenectady Former MGP Quote: 72910

Cooler Rec'd & Opened for Temp. Check on: 12/12/08

Coolers Opened and Unpacked on: 12/12/08 By: Jm Ucinie (Signature)

TestAmerica Pittsburgh Lot Number: C8L120342

		Yes	No	NA
1.	Were custody seals on the outside of the cooler?	✓		
	If YES, how many and where? Quantity 1 Location Front			
	Were signatures and date correct?	✓		
2.	Were custody papers included inside the cooler?	✓		
3.	Were custody papers properly filled out (ink, signed, match labels)?	✓		
4.	Did you sign the custody papers in the appropriate place?	✓		
5.	Was shippers packing slip attached to this form?	✓		
6.	Were packing materials used?	✓		
	If YES, what type? Bubble Bags			
7.	Were the samples received within the acceptable temperature range?	✓		
8.	Were the samples appropriately preserved?	✓		
9.	Were all bottles sealed in separate plastic bags?		✓	
10.	Did all bottles arrive in good condition (unbroken)?	✓		
11.	Were all bottle labels complete (sample ID, preservatives, etc.)?	✓		
12.	Did all bottle labels and/or tags agree with custody papers?	✓		
13.	Were correct bottles used for tests indicated?	✓		
14.	Were all VOA vials checked for the presence of air bubbles?	✓		
15.	Was a sufficient amount of sample sent in each bottle?	✓		

16. Samples received by: (FEDEX) UPS CLIENT DROP-OFF OTHER DHL US CARGO

Explain any discrepancies: _____

Level 2 Review _____

Was contacted on _____ by _____ to resolve discrepancies.

Cooler Receipt Form

TestAmerica Pittsburgh

P: Preserved

UP: Unpreserved

Sample ID	TMET PH<2	DMET PH<2	HG PH<2	NUT(1) PH<2	CN PH ≥12	OG TPHC PH<2	PHEN PH<?	SULF PH ≥12	TOC PH<2	TOX PH<2	VOA P/UP	hrdnss PH<2			
Trip Blank											P				
MW-14D	<2				≥12										
MW-14															
MW-1400															
MW-8															
MW-8D															
CTM-1															
CTM-15															
MW-15															

(1) "NUT" could include sample bottles for ammonia, chemical oxygen demand, nitrate/nitrite, TKN, or total phosphorus

Comments: _____

Cooler Number	Temperature*	Thermometer ID
1	2.1	7
2	2.4	3

*Acceptable Temperature Range: 4°C ± 2°C

Sample	Lot Number**

**Please use an asterisk if bottle lot number was covered by the label

If samples required preservation in the laboratory, the following lot number(s) was/were used:

Nitric Acid _____ Hydrochloric Acid _____

Sulfuric Acid _____ Sodium Hydroxide _____

AECOM, Inc

Client Sample ID: TRIP BLANK

GC/MS Volatiles

Lot-Sample #...: C8L120342-001	**Work Order #...:** K4MVP1AA	**Matrix.....:** WQ
Date Sampled...: 12/11/08	**Date Received..:** 12/12/08	**MS Run #.....:** 8356026
Prep Date.....: 12/21/08	**Analysis Date..:** 12/21/08	
Prep Batch #...: 8356033	**Analysis Time..:** 17:29	
Dilution Factor: 1	**Initial Wgt/Vol:** 5 mL	**Final Wgt/Vol..:** 5 mL
Analyst ID.....: 001562	**Instrument ID..:** HP6	
	Method.....: SW846 8260B	

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	**2.8 J**	**5.0**	**ug/L**	**2.5**
Benzene	ND	1.0	ug/L	0.27
Bromodichloromethane	ND	1.0	ug/L	0.20
Bromoform	ND	1.0	ug/L	0.25
Bromomethane	ND	1.0	ug/L	0.30
2-Butanone	ND	5.0	ug/L	0.50
Carbon disulfide	ND	1.0	ug/L	0.20
Carbon tetrachloride	ND	1.0	ug/L	0.30
Chlorobenzene	ND	1.0	ug/L	0.23
Chloroethane	ND	1.0	ug/L	0.25
Chloroform	ND	1.0	ug/L	0.24
Chloromethane	ND	1.0	ug/L	0.27
Cyclohexane	ND	1.0	ug/L	0.30
Dibromochloromethane	ND	1.0	ug/L	0.16
1,2-Dibromo-3-chloro-propane	ND	1.0	ug/L	0.24
1,2-Dibromoethane	ND	1.0	ug/L	0.23
1,3-Dichlorobenzene	ND	1.0	ug/L	0.16
1,4-Dichlorobenzene	ND	1.0	ug/L	0.18
1,2-Dichlorobenzene	ND	1.0	ug/L	0.22
Dichlorodifluoromethane	ND	1.0	ug/L	0.26
1,1-Dichloroethane	ND	1.0	ug/L	0.24
1,2-Dichloroethane	ND	1.0	ug/L	0.21
1,1-Dichloroethene	ND	1.0	ug/L	0.28
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.27
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.27
1,2-Dichloropropane	ND	1.0	ug/L	0.18
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.19
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.18
Ethylbenzene	ND	1.0	ug/L	0.18
2-Hexanone	ND	5.0	ug/L	0.53
Isopropylbenzene	ND	1.0	ug/L	0.22
Methyl acetate	ND	1.0	ug/L	0.10
Methylene chloride	ND	1.0	ug/L	0.32
Methylcyclohexane	ND	1.0	ug/L	0.32
4-Methyl-2-pentanone	ND	5.0	ug/L	0.23
Methyl tert-butyl ether	ND	1.0	ug/L	0.20

(Continued on next page)

AECOM, Inc

Client Sample ID: TRIP BLANK

GC/MS Volatiles

Lot-Sample #...: C8L120342-001 Work Order #...: K4MVP1AA Matrix.....: WQ

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Styrene	ND	1.0	ug/L	0.22
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.15
1,2,4-Trichloro-benzene	ND	1.0	ug/L	0.15
Tetrachloroethene	ND	1.0	ug/L	0.24
1,1,1-Trichloroethane	ND	1.0	ug/L	0.25
1,1,2-Trichloroethane	ND	1.0	ug/L	0.20
Trichloroethene	ND	1.0	ug/L	0.29
Trichlorofluoromethane	ND	1.0	ug/L	0.080
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L	0.30
Toluene	**0.27 J**	**1.0**	**ug/L**	**0.23**
Vinyl chloride	ND	1.0	ug/L	0.29
Xylenes (total)	ND	3.0	ug/L	0.62

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	107	(71 - 118)
1,2-Dichloroethane-d4	121	(64 - 135)
4-Bromofluorobenzene	101	(70 - 118)
Dibromofluoromethane	104	(70 - 128)

NOTE(S):

J Estimated result. Result is less than RL.

TestAmerica Pittsburgh

CONTINUING CALIBRATION COMPOUNDS

ICV

Instrument ID: hp5.i
Lab File ID: 51217004.D
Analysis Type: WATER
Lab Sample ID: ver10
Method: \\PITSVR06\D\chem\hp5.i\5121708d.b\8260ee.m

Injection Date: 17-DEC-2008 13:15
Init. Cal. Date(s): 17-DEC-2008 17-DEC-2008
Init. Cal. Times: 08:55 11:14
Quant Type: ISTD

COMPOUND	RRF / AMOUNT	RF10	CCAL RRF10	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE
$ 39 Dibromofluoromethane	0.21284	0.22443	0.22443	0.010	-5.44387	25.00000	Averaged
$ 43 1,2-Dichloroethane-d4	0.24688	0.25031	0.25031	0.010	-1.39182	25.00000	Averaged
$ 59 Toluene-d8	3.62802	3.70927	3.70927	0.010	-2.23950	25.00000	Averaged
$ 80 Bromofluorobenzene	0.86633	0.88937	0.88937	0.010	-2.65917	25.00000	Averaged
2 Chloromethane	0.48646	0.41907	0.41907	0.100	13.85248	25.00000	Averaged
3 Vinyl Chloride	0.43445	0.38232	0.38232	0.010	11.99974	20.00000	Averaged
4 Bromomethane	50.00000	65.23898	0.10768	0.010	-30.47796	0.000e+000	Quadratic
5 Chloroethane	0.19935	0.19921	0.19921	0.010	0.06820	25.00000	Averaged
6 Trichlorofluoromethane	0.31318	0.29345	0.29345	0.010	6.29775	25.00000	Averaged
1 Dichlorodifluoromethane	0.20580	0.16637	0.16637	0.010	19.15921	25.00000	Averaged
12 1,1-Dichloroethene	0.25067	0.23783	0.23783	0.010	5.12070	20.00000	Averaged
13 Acetone	0.11191	0.11067	0.11067	0.010	1.10993	25.00000	Averaged
15 Carbon Disulfide	0.82901	0.80234	0.80234	0.010	3.21757	25.00000	Averaged
17 Acetonitrile	0.02780	0.02534	0.02534	0.010	8.85422	25.00000	Averaged
18 Methylene Chloride	0.29322	0.28447	0.28447	0.010	2.98157	25.00000	Averaged
19 trans-1,2-Dichloroethene	0.28165	0.28372	0.28372	0.010	-0.73662	25.00000	Averaged
20 Methyl tert-butyl ether	0.66801	0.61857	0.61857	0.010	7.40083	25.00000	Averaged
24 1,1-Dichloroethane	0.60079	0.60779	0.60779	0.100	-1.16456	25.00000	Averaged
27 2,2-Dichloropropane	0.19337	0.20583	0.20583	0.010	-6.44496	25.00000	Averaged
28 cis-1,2-dichloroethene	0.30575	0.30039	0.30039	0.010	1.75225	25.00000	Averaged
M 29 1,2-Dichloroethene (total)	0.29370	0.29206	0.29206	0.010	0.55887	25.00000	Averaged
30 Bromochloromethane	0.14170	0.14410	0.14410	0.010	-1.69194	25.00000	Averaged
31 2-Butanone	0.17459	0.17530	0.17530	0.010	-0.40489	25.00000	Averaged
37 Chloroform	0.40247	0.41159	0.41159	0.010	-2.26550	20.00000	Averaged
38 1,1,1-Trichloroethane	0.27286	0.28951	0.28951	0.010	-6.10197	25.00000	Averaged
40 1,1-Dichloropropene	0.34671	0.34170	0.34170	0.010	1.44456	25.00000	Averaged
41 Carbon Tetrachloride	0.18565	0.19613	0.19613	0.010	-5.64492	25.00000	Averaged
42 Benzene	1.13557	1.15364	1.15364	0.010	-1.59070	25.00000	Averaged
45 1,2-Dichloroethane	0.36387	0.36166	0.36166	0.010	0.60722	25.00000	Averaged
47 Trichloroethene	0.30213	0.30056	0.30056	0.010	0.51953	25.00000	Averaged
49 1,2-Dichloropropane	0.36197	0.35682	0.35682	0.010	1.42208	20.00000	Averaged
50 Dibromomethane	0.13801	0.14547	0.14547	0.010	-5.40278	25.00000	Averaged
53 Bromodichloromethane	0.26083	0.26760	0.26760	0.010	-2.59508	25.00000	Averaged
57 cis-1,3-Dichloropropene	0.34578	0.34851	0.34851	0.010	-0.78959	25.00000	Averaged
58 4-Methyl-2-Pentanone	1.49069	1.48836	1.48836	0.010	0.15604	25.00000	Averaged
60 Toluene	4.92026	4.86510	4.86510	0.010	1.12111	20.00000	Averaged
61 trans-1,3-Dichloropropene	1.01191	1.03901	1.03901	0.010	-2.67860	25.00000	Averaged
63 1,3-Dichloropropane	1.59011	1.56725	1.56725	0.010	1.43763	25.00000	Averaged
64 1,1,2-Trichloroethane	0.87946	0.84998	0.84998	0.010	3.35198	25.00000	Averaged
65 Tetrachloroethene	0.92374	0.89069	0.89069	0.010	3.57804	25.00000	Averaged
66 2-Hexanone	0.99112	0.99377	0.99377	0.010	-0.26731	25.00000	Averaged
67 Dibromochloromethane	0.71260	0.71414	0.71414	0.010	-0.18796	25.00000	Averaged
68 1,2-Dibromoethane	0.84170	0.84834	0.84834	0.010	-0.78858	25.00000	Averaged

OK

TestAmerica Pittsburgh

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: hp5.i
Lab File ID: 51217004.D
Analysis Type: WATER
Lab Sample ID: ver10
Method: \\PITSVR06\D\chem\hp5.i\5121708d.b\8260ee.m

Injection Date: 17-DEC-2008 13:15
Init. Cal. Date(s): 17-DEC-2008 17-DEC-2008
Init. Cal. Times: 08:55 11:14
Quant Type: ISTD

COMPOUND	RRF / AMOUNT	RF10	CCAL RRF10	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE
70 Chlorobenzene	3.27044	3.17990	3.17990	0.300	2.76855	25.00000	Averaged
71 1,1,1,2-Tetrachloroethane	0.77217	0.77827	0.77827	0.010	-0.79040	25.00000	Averaged
72 Ethylbenzene	1.77194	1.72429	1.72429	0.010	2.68917	20.00000	Averaged
73 m + p-Xylene	2.16552	2.17292	2.17292	0.010	-0.34156	25.00000	Averaged
74 Xylene-o	2.11332	2.15351	2.15351	0.010	-1.90190	25.00000	Averaged
M 75 Xylenes (total)	2.14812	2.16645	2.16645	0.010	-0.85325	25.00000	Averaged
76 Styrene	3.66813	3.73664	3.73664	0.010	-1.86772	25.00000	Averaged
77 Bromoform	0.36942	0.38016	0.38016	0.100	-2.90699	25.00000	Averaged
78 Isopropylbenzene	5.15247	5.23595	5.23595	0.010	-1.62010	25.00000	Averaged
79 Bromobenzene	0.88360	0.89779	0.89779	0.010	-1.60583	25.00000	Averaged
81 n-Propylbenzene	0.91780	0.97538	0.97538	0.010	-6.27385	25.00000	Averaged
82 2-Chlorotoluene	0.85644	0.84834	0.84834	0.010	0.94566	25.00000	Averaged
83 1,1,2,2-Tetrachloroethane	0.72699	0.72832	0.72832	0.300	-0.18392	25.00000	Averaged
84 1,2,3-Trichloropropane	0.20143	0.22535	0.22535	0.010	-11.87655	25.00000	Averaged
85 4-Chlorotoluene	0.92106	0.97619	0.97619	0.010	-5.98512	25.00000	Averaged
86 1,3,5-Trimethylbenzene	2.69395	2.71541	2.71541	0.010	-0.79650	25.00000	Averaged
87 tert-Butylbenzene	2.29248	2.41534	2.41534	0.010	-5.35938	25.00000	Averaged
88 1,2,4-Trimethylbenzene	2.73543	2.75516	2.75516	0.010	-0.72140	25.00000	Averaged
89 sec-Butylbenzene	3.22612	3.32065	3.32065	0.010	-2.92994	25.00000	Averaged
90 4-Isopropyltoluene	2.70248	2.86319	2.86319	0.010	-5.94651	25.00000	Averaged
91 1,3-Dichlorobenzene	1.66363	1.66000	1.66000	0.010	0.21827	25.00000	Averaged
93 1,4-Dichlorobenzene	1.70354	1.72529	1.72529	0.010	-1.27670	25.00000	Averaged
94 n-Butylbenzene	2.30498	2.37495	2.37495	0.010	-3.03557	25.00000	Averaged
95 1,2-Dichlorobenzene	1.58899	1.60852	1.60852	0.010	-1.22912	25.00000	Averaged
96 1,2-Dibromo-3-chloropropane	0.10481	0.10124	0.10124	0.010	3.40395	25.00000	Averaged
97 1,2,4-Trichlorobenzene	0.93880	0.95026	0.95026	0.010	-1.22061	25.00000	Averaged
98 Hexachlorobutadiene	0.34278	0.32505	0.32505	0.010	5.17049	25.00000	Averaged
99 Naphthalene	2.28949	2.34740	2.34740	0.010	-2.52950	25.00000	Averaged
100 1,2,3-Trichlorobenzene	0.81703	0.83232	0.83232	0.010	-1.87173	25.00000	Averaged
101 1,1,2-trichlorotrifluoroeth	0.21353	0.22900	0.22900	0.010	-7.24624	25.00000	Averaged
102 Methyl acetate	0.28157	0.28703	0.28703	0.010	1.93887	25.00000	Averaged
104 Cyclohexane	0.72177	0.75357	0.75357	0.010	-4.40635	25.00000	Averaged
105 Methyl Cyclohexane	0.41847	0.43923	0.43923	0.010	-4.95981	25.00000	Averaged
157 2-Chlorobenzotrifluoride	1.58459	1.60581	1.60581	0.010	-1.33916	25.00000	Averaged
158 3-Chlorobenzotrifluoride	1.66993	1.72183	1.72183	0.010	3.10774	25.00000	Averaged
159 4-Chlorobenzotrifluoride	1.50440	1.48591	1.48591	0.010	1.22869	25.00000	Averaged
160 3-Chlorotoluene	0.88982	0.97513	0.97513	0.010	-9.58715	25.00000	Averaged
161 2,4-Dichlorobenzotrifluorid	0.62436	0.66344	0.66344	0.010	-6.25842	25.00000	Averaged
162 2,5-Dichlorobenzotrifluorid	0.73933	0.73745	0.73745	0.010	0.25431	25.00000	Averaged
163 3,4-Dichlorobenzotrifluorid	0.70347	0.71724	0.71724	0.010	-1.95637	25.00000	Averaged
164 Dichlorotoluene(2,4+2,5+2,6	1.17733	1.21311	1.21311	0.010	-3.03964	25.00000	Averaged
165 Dichlorotoluene(2,3+3,4)	1.26836	1.33239	1.33239	0.010	-5.04802	25.00000	Averaged
166 1,3,5-Trichlorobenzene	0.99981	1.04609	1.04609	0.010	-4.62917	25.00000	Averaged

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CONTINUING CALIBRATION COMPOUNDS

Instrument ID: hp5.i Injection Date: 17-DEC-2008 13:15
Lab File ID: 51217004.D Init. Cal. Date(s): 17-DEC-2008 17-DEC-2008
Analysis Type: WATER Init. Cal. Times: 08:55 11:14
Lab Sample ID: ver10 Quant Type: ISTD
Method: \\PITSVR06\D\chem\hp5.i\5121708d.b\8260ee.m

COMPOUND	RRF / AMOUNT	RF10	CCAL RRF10	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE
167 2,3,6-Trichlorotoluene	0.40855	0.41627	0.41627	0.010	-1.89156	25.00000	Averaged
168 2,4,5-Trichlorotoluene	0.47533	0.49223	0.49223	0.010	-3.55529	25.00000	Averaged

TestAmerica Pittsburgh

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: hp5.i Injection Date: 23-DEC-2008 07:38
Lab File ID: CC51223.D Init. Cal. Date(s): 17-DEC-2008 17-DEC-2008
Analysis Type: WATER Init. Cal. Times: 08:55 11:14
Lab Sample ID: vstd10 Quant Type: ISTD
Method: \\pitsvr06\d\chem\hp5.i\5122308d.b\8260ee.m

COMPOUND	RRF / AMOUNT	RF10	CCAL RRF10	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE
$ 39 Dibromofluoromethane	0.21284	0.20362	0.20362	0.010	4.33413	25.00000	Averaged
$ 43 1,2-Dichloroethane-d4	0.24688	0.22834	0.22834	0.010	7.50886	25.00000	Averaged
$ 59 Toluene-d8	3.62802	3.36963	3.36963	0.010	7.12195	25.00000	Averaged
$ 80 Bromofluorobenzene	0.86633	0.77751	0.77751	0.010	10.25272	25.00000	Averaged
2 Chloromethane	0.48646	0.52818	0.52818	0.100	-8.57549	25.00000	Averaged
3 Vinyl Chloride	0.43445	0.42455	0.42455	0.010	2.27963	20.00000	Averaged
4 Bromomethane	50.00000	60.41245	0.10043	0.010	-20.82490	0.000e+000	Quadratic
5 Chloroethane	0.19935	0.22333	0.22333	0.010	-12.02937	25.00000	Averaged
6 Trichlorofluoromethane	0.31318	0.30196	0.30196	0.010	3.58072	25.00000	Averaged
1 Dichlorodifluoromethane	0.20580	0.21053	0.21053	0.010	-2.30039	25.00000	Averaged
12 1,1-Dichloroethene	0.25067	0.24849	0.24849	0.010	0.87034	20.00000	Averaged
13 Acetone	0.11191	0.10811	0.10811	0.010	3.39711	25.00000	Averaged
15 Carbon Disulfide	0.82901	0.85498	0.85498	0.010	-3.13247	25.00000	Averaged
18 Methylene Chloride	0.29322	0.30465	0.30465	0.010	-3.89782	25.00000	Averaged
19 trans-1,2-Dichloroethene	0.28165	0.28451	0.28451	0.010	-1.01451	25.00000	Averaged
20 Methyl tert-butyl ether	0.66801	0.58296	0.58296	0.010	12.73144	25.00000	Averaged
24 1,1-Dichloroethane	0.60079	0.57191	0.57191	0.100	4.80787	25.00000	Averaged
27 2,2-Dichloropropane	0.19337	0.18451	0.18451	0.010	4.58346	25.00000	Averaged
28 cis-1,2-dichloroethene	0.30575	0.30632	0.30632	0.010	-0.18578	25.00000	Averaged
M 29 1,2-Dichloroethene (total)	0.29370	0.29541	0.29541	0.010	-0.58314	25.00000	Averaged
30 Bromochloromethane	0.14170	0.14143	0.14143	0.010	0.19090	25.00000	Averaged
31 2-Butanone	0.17459	0.17155	0.17155	0.010	1.73905	25.00000	Averaged
37 Chloroform	0.40247	0.40580	0.40580	0.010	-0.82827	20.00000	Averaged
38 1,1,1-Trichloroethane	0.27286	0.27545	0.27545	0.010	-0.94837	25.00000	Averaged
40 1,1-Dichloropropene	0.34671	0.34269	0.34269	0.010	1.15879	25.00000	Averaged
41 Carbon Tetrachloride	0.18565	0.18385	0.18385	0.010	0.97251	25.00000	Averaged
42 Benzene	1.13557	1.15075	1.15075	0.010	-1.33644	25.00000	Averaged
45 1,2-Dichloroethane	0.36387	0.34137	0.34137	0.010	6.18380	25.00000	Averaged
47 Trichloroethene	0.30213	0.27450	0.27450	0.010	9.14697	25.00000	Averaged
49 1,2-Dichloropropane	0.36197	0.34169	0.34169	0.010	5.60115	20.00000	Averaged
50 Dibromomethane	0.13801	0.12963	0.12963	0.010	6.07748	25.00000	Averaged
53 Bromodichloromethane	0.26083	0.26832	0.26832	0.010	-2.87314	25.00000	Averaged
57 cis-1,3-Dichloropropene	0.34578	0.32621	0.32621	0.010	5.66039	25.00000	Averaged
58 4-Methyl-2-Pentanone	1.49069	1.40833	1.40833	0.010	5.52486	25.00000	Averaged
60 Toluene	4.92026	4.71718	4.71718	0.010	4.12739	20.00000	Averaged
61 trans-1,3-Dichloropropene	1.01191	0.95421	0.95421	0.010	5.70193	25.00000	Averaged
63 1,3-Dichloropropane	1.59011	1.54717	1.54717	0.010	2.70055	25.00000	Averaged
64 1,1,2-Trichloroethane	0.87946	0.85828	0.85828	0.010	2.40796	25.00000	Averaged
65 Tetrachloroethene	0.92374	0.85736	0.85736	0.010	7.18655	25.00000	Averaged
66 2-Hexanone	0.99112	0.90118	0.90118	0.010	9.07503	25.00000	Averaged
67 Dibromochloromethane	0.71280	0.71109	0.71109	0.010	0.24050	25.00000	Averaged
68 1,2-Dibromoethane	0.84170	0.84870	0.84870	0.010	-0.83192	25.00000	Averaged

TestAmerica Pittsburgh

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: hp5.i Injection Date: 23-DEC-2008 07:38
Lab File ID: CC51223.D Init. Cal. Date(s): 17-DEC-2008 17-DEC-2008
Analysis Type: WATER Init. Cal. Times: 08:55 11:14
Lab Sample ID: vstd10 Quant Type: ISTD
Method: \\pitsvr06\d\chem\hp5.i\5122308d.b\8260ee.m

COMPOUND	RRF / AMOUNT	RF10	CCAL RRF10	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE
70 Chlorobenzene	3.27044	3.10250	3.10250	0.300	5.13520	25.00000	Averaged
71 1,1,1,2-Tetrachloroethane	0.77217	0.73860	0.73860	0.010	4.34784	25.00000	Averaged
72 Ethylbenzene	1.77194	1.70640	1.70640	0.010	3.69887	20.00000	Averaged
73 m + p-Xylene	2.16552	2.09225	2.09225	0.010	3.38392	25.00000	Averaged
74 Xylene-o	2.11332	2.09516	2.09516	0.010	0.85930	25.00000	Averaged
M 75 Xylenes (total)	2.14812	2.09322	2.09322	0.010	2.55602	25.00000	Averaged
76 Styrene	3.66813	3.62151	3.62151	0.010	1.27097	25.00000	Averaged
77 Bromoform	0.36942	0.39700	0.39700	0.100	-7.46454	25.00000	Averaged
78 Isopropylbenzene	5.15247	5.00367	5.00367	0.010	2.88802	25.00000	Averaged
79 Bromobenzene	0.88360	0.78986	0.78986	0.010	10.60962	25.00000	Averaged
81 n-Propylbenzene	0.91780	0.91738	0.91738	0.010	0.04536	25.00000	Averaged
82 2-Chlorotoluene	0.85644	0.80601	0.80601	0.010	5.88832	25.00000	Averaged
83 1,1,2,2-Tetrachloroethane	0.72699	0.68109	0.68109	0.300	6.31280	25.00000	Averaged
84 1,2,3-Trichloropropane	0.20143	0.20667	0.20667	0.010	-2.60229	25.00000	Averaged
85 4-Chlorotoluene	0.92106	0.80427	0.80427	0.010	12.68047	25.00000	Averaged
86 1,3,5-Trimethylbenzene	2.69395	2.44702	2.44702	0.010	9.16608	25.00000	Averaged
87 tert-Butylbenzene	2.29248	2.18617	2.18617	0.010	4.63744	25.00000	Averaged
88 1,2,4-Trimethylbenzene	2.73543	2.47857	2.47857	0.010	9.39012	25.00000	Averaged
89 sec-Butylbenzene	3.22612	2.95414	2.95414	0.010	8.43071	25.00000	Averaged
90 4-Isopropyltoluene	2.70248	2.67780	2.67780	0.010	0.91331	25.00000	Averaged
91 1,3-Dichlorobenzene	1.66363	1.51423	1.51423	0.010	8.98064	25.00000	Averaged
93 1,4-Dichlorobenzene	1.70354	1.56498	1.56498	0.010	8.13373	25.00000	Averaged
94 n-Butylbenzene	2.30498	2.10841	2.10841	0.010	8.52774	25.00000	Averaged
95 1,2-Dichlorobenzene	1.58899	1.42252	1.42252	0.010	10.47637	25.00000	Averaged
96 1,2-Dibromo-3-chloropropane	0.10481	0.08930	0.08930	0.010	14.79142	25.00000	Averaged
97 1,2,4-Trichlorobenzene	0.93880	0.80960	0.80960	0.010	13.76312	25.00000	Averaged
98 Hexachlorobutadiene	0.34278	0.30537	0.30537	0.010	10.91312	25.00000	Averaged
99 Naphthalene	2.28949	1.98555	1.98555	0.010	13.27509	25.00000	Averaged
100 1,2,3-Trichlorobenzene	0.81703	0.69867	0.69867	0.010	14.48601	25.00000	Averaged
101 1,1,2-trichlorotrifluoroeth	0.21353	0.21171	0.21171	0.010	0.84921	25.00000	Averaged
102 Methyl acetate	0.28157	0.26840	0.26840	0.010	4.67580	25.00000	Averaged
104 Cyclohexane	0.72177	0.73996	0.73996	0.010	-2.52085	25.00000	Averaged
105 Methyl Cyclohexane	0.41847	0.43757	0.43757	0.010	-4.56416	25.00000	Averaged
157 2-Chlorobenzotrifluoride	1.58459	1.36229	1.36229	0.010	14.02927	25.00000	Averaged
158 3-Chlorobenzotrifluoride	1.66993	1.41475	1.41475	0.010	15.28074	25.00000	Averaged
159 4-Chlorobenzotrifluoride	1.50440	1.23482	1.23482	0.010	17.91959	25.00000	Averaged
160 3-Chlorotoluene	0.88982	0.76606	0.76606	0.010	13.90861	25.00000	Averaged
161 2,4-Dichlorobenzotrifluorid	0.62436	0.55600	0.55600	0.010	10.94867	25.00000	Averaged
162 2,5-Dichlorobenzotrifluorid	0.73933	0.64304	0.64304	0.010	13.02346	25.00000	Averaged
163 3,4-Dichlorobenzotrifluorid	0.70347	0.61623	0.61623	0.010	12.40130	25.00000	Averaged
164 Dichlorotoluene(2,4+2,5+2,6	1.17733	1.00111	1.00111	0.010	14.96724	25.00000	Averaged
165 Dichlorotoluene(2,3+3,4)	1.26836	1.09441	1.09441	0.010	13.71439	25.00000	Averaged
166 1,3,5-Trichlorobenzene	0.99981	0.86290	0.86290	0.010	13.69365	25.00000	Averaged

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CONTINUING CALIBRATION COMPOUNDS

Instrument ID: hp5.i Injection Date: 23-DEC-2008 07:38
Lab File ID: CC51223.D Init. Cal. Date(s): 17-DEC-2008 17-DEC-2008
Analysis Type: WATER Init. Cal. Times: 08:55 11:14
Lab Sample ID: vstd10 Quant Type: ISTD
Method: \\pitsvr06\d\chem\hp5.i\5122308d.b\8260ee.m

COMPOUND	RRF / AMOUNT	RF10	CCAL RRF10	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE
167 2,3,6-Trichlorotoluene	0.40855	0.33801	0.33801	0.010	17.26610	25.00000	Averaged
168 2,4,5-Trichlorotoluene	0.47533	0.37852	0.37852	0.010	20.36741	25.00000	Averaged

TestAmerica Pittsburgh

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: hp5.i Injection Date: 23-DEC-2008 19:59
Lab File ID: 1C51223N.D Init. Cal. Date(s): 17-DEC-2008 17-DEC-2008
Analysis Type: WATER Init. Cal. Times: 08:55 11:14
Lab Sample ID: vstd10 Quant Type: ISTD
Method: \\pitsvr06\d\chem\hp5.i\5122308n.b\8260ee.m

COMPOUND	RRF / AMOUNT	RF10	CCAL RRF10	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE
$ 39 Dibromofluoromethane	0.21284	0.20912	0.20912	0.010	1.74772	25.00000	Averaged
$ 43 1,2-Dichloroethane-d4	0.24688	0.22296	0.22296	0.010	9.68717	25.00000	Averaged
$ 59 Toluene-d8	3.62802	3.41641	3.41641	0.010	5.83252	25.00000	Averaged
$ 80 Bromofluorobenzene	0.86633	0.77590	0.77590	0.010	10.43836	25.00000	Averaged
2 Chloromethane	0.48646	0.43577	0.43577	0.100	10.42041	25.00000	Averaged
3 Vinyl Chloride	0.43445	0.37313	0.37313	0.010	14.11413	20.00000	Averaged
4 Bromomethane	50.00000	59.27153	0.09872	0.010	-18.54307	0.000e+000	Quadratic
5 Chloroethane	0.19935	0.19962	0.19962	0.010	-0.13703	25.00000	Averaged
6 Trichlorofluoromethane	0.31318	0.25481	0.25481	0.010	18.63676	25.00000	Averaged
1 Dichlorodifluoromethane	0.20580	0.13844	0.13844	0.010	32.73334	25.00000	Averaged <-2
12 1,1-Dichloroethene	0.25067	0.23046	0.23046	0.010	8.06123	20.00000	Averaged
13 Acetone	0.11191	0.11152	0.11152	0.010	0.34507	25.00000	Averaged
15 Carbon Disulfide	0.82901	0.77078	0.77078	0.010	7.02389	25.00000	Averaged
18 Methylene Chloride	0.29322	0.29173	0.29173	0.010	0.50589	25.00000	Averaged
19 trans-1,2-Dichloroethene	0.28165	0.27435	0.27435	0.010	2.59290	25.00000	Averaged
20 Methyl tert-butyl ether	0.66801	0.63925	0.63925	0.010	4.30481	25.00000	Averaged
24 1,1-Dichloroethane	0.60079	0.54178	0.54178	0.100	9.82212	25.00000	Averaged
27 2,2-Dichloropropane	0.19337	0.16759	0.16759	0.010	13.33372	25.00000	Averaged
28 cis-1,2-dichloroethene	0.30575	0.31019	0.31019	0.010	-1.45123	25.00000	Averaged
M 29 1,2-Dichloroethene (total)	0.29370	0.29227	0.29227	0.010	0.48787	25.00000	Averaged
30 Bromochloromethane	0.14170	0.14313	0.14313	0.010	-1.01252	25.00000	Averaged
31 2-Butanone	0.17459	0.18079	0.18079	0.010	-3.55300	25.00000	Averaged
37 Chloroform	0.40247	0.39815	0.39815	0.010	1.07410	20.00000	Averaged
38 1,1,1-Trichloroethane	0.27286	0.25244	0.25244	0.010	7.48590	25.00000	Averaged
40 1,1-Dichloropropene	0.34671	0.33145	0.33145	0.010	4.40165	25.00000	Averaged
41 Carbon Tetrachloride	0.18565	0.16405	0.16405	0.010	11.63543	25.00000	Averaged
42 Benzene	1.13557	1.10309	1.10309	0.010	2.86087	25.00000	Averaged
45 1,2-Dichloroethane	0.36387	0.33642	0.33642	0.010	7.54389	25.00000	Averaged
47 Trichloroethene	0.30213	0.28641	0.28641	0.010	5.20378	25.00000	Averaged
49 1,2-Dichloropropane	0.36197	0.34291	0.34291	0.010	5.26522	20.00000	Averaged
50 Dibromomethane	0.13801	0.13999	0.13999	0.010	-1.42961	25.00000	Averaged
53 Bromodichloromethane	0.26083	0.25717	0.25717	0.010	1.40404	25.00000	Averaged
57 cis-1,3-Dichloropropene	0.34578	0.34527	0.34527	0.010	0.14835	25.00000	Averaged
58 4-Methyl-2-Pentanone	1.49069	1.37487	1.37487	0.010	7.76920	25.00000	Averaged
60 Toluene	4.92026	4.26163	4.26163	0.010	13.38611	20.00000	Averaged
61 trans-1,3-Dichloropropene	1.01191	0.86257	0.86257	0.010	14.75789	25.00000	Averaged
63 1,3-Dichloropropane	1.59011	1.47920	1.47920	0.010	6.97498	25.00000	Averaged
64 1,1,2-Trichloroethane	0.87946	0.81368	0.81368	0.010	7.47976	25.00000	Averaged
65 Tetrachloroethene	0.92374	0.78450	0.78450	0.010	15.07430	25.00000	Averaged
66 2-Hexanone	0.99112	0.91811	0.91811	0.010	7.36647	25.00000	Averaged
67 Dibromochloromethane	0.71280	0.66462	0.66462	0.010	6.75921	25.00000	Averaged
68 1,2-Dibromoethane	0.84170	0.80532	0.80532	0.010	4.32232	25.00000	Averaged

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CONTINUING CALIBRATION COMPOUNDS

Instrument ID: hp5.i Injection Date: 23-DEC-2008 19:59
Lab File ID: 1C51223N.D Init. Cal. Date(s): 17-DEC-2008 17-DEC-2008
Analysis Type: WATER Init. Cal. Times: 08:55 11:14
Lab Sample ID: vstd10 Quant Type: ISTD
Method: \\pitsvr06\d\chem\hp5.i\5122308n.b\8260ee.m

COMPOUND	RRF / AMOUNT	RF10	CCAL RRF10	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE
70 Chlorobenzene	3.27044	2.94011	2.94011	0.300	10.10056	25.00000	Averaged
71 1,1,1,2-Tetrachloroethane	0.77217	0.66279	0.66279	0.010	14.16500	25.00000	Averaged
72 Ethylbenzene	1.77194	1.58399	1.58399	0.010	10.60674	20.00000	Averaged
73 m + p-Xylene	2.16552	1.95721	1.95721	0.010	9.61937	25.00000	Averaged
74 Xylene-o	2.11332	1.88471	1.88471	0.010	10.81768	25.00000	Averaged
M 75 Xylenes (total)	2.14812	1.93305	1.93305	0.010	10.01233	25.00000	Averaged
76 Styrene	3.66813	3.28306	3.28306	0.010	10.49782	25.00000	Averaged
77 Bromoform	0.36942	0.34866	0.34866	0.100	5.62040	25.00000	Averaged
78 Isopropylbenzene	5.15247	4.44761	4.44761	0.010	13.68006	25.00000	Averaged
79 Bromobenzene	0.88360	0.75566	0.75566	0.010	14.47991	25.00000	Averaged
81 n-Propylbenzene	0.91780	0.81334	0.81334	0.010	11.38129	25.00000	Averaged
82 2-Chlorotoluene	0.85644	0.71696	0.71696	0.010	16.28557	25.00000	Averaged
83 1,1,2,2-Tetrachloroethane	0.72699	0.67718	0.67718	0.300	6.85047	25.00000	Averaged
84 1,2,3-Trichloropropane	0.20143	0.18510	0.18510	0.010	8.10415	25.00000	Averaged
85 4-Chlorotoluene	0.92106	0.74857	0.74857	0.010	18.72773	25.00000	Averaged
86 1,3,5-Trimethylbenzene	2.69395	2.20617	2.20617	0.010	18.10664	25.00000	Averaged
87 tert-Butylbenzene	2.29248	1.96140	1.96140	0.010	14.44204	25.00000	Averaged
88 1,2,4-Trimethylbenzene	2.73543	2.30276	2.30276	0.010	15.81722	25.00000	Averaged
89 sec-Butylbenzene	3.22612	2.69488	2.69488	0.010	16.46700	25.00000	Averaged
90 4-Isopropyltoluene	2.70248	2.38975	2.38975	0.010	11.57189	25.00000	Averaged
91 1,3-Dichlorobenzene	1.66363	1.41634	1.41634	0.010	14.86421	25.00000	Averaged
93 1,4-Dichlorobenzene	1.70354	1.47730	1.47730	0.010	13.28057	25.00000	Averaged
94 n-Butylbenzene	2.30498	1.89671	1.89671	0.010	17.71244	25.00000	Averaged
95 1,2-Dichlorobenzene	1.58899	1.37925	1.37925	0.010	13.19955	25.00000	Averaged
96 1,2-Dibromo-3-chloropropane	0.10481	0.08875	0.08875	0.010	15.31907	25.00000	Averaged
97 1,2,4-Trichlorobenzene	0.93880	0.79357	0.79357	0.010	15.46985	25.00000	Averaged
98 Hexachlorobutadiene	0.34278	0.27803	0.27803	0.010	18.88870	25.00000	Averaged
99 Naphthalene	2.28949	2.00708	2.00708	0.010	12.33487	25.00000	Averaged
100 1,2,3-Trichlorobenzene	0.81703	0.66917	0.66917	0.010	18.09656	25.00000	Averaged
101 1,1,2-trichlorotrifluoroeth	0.21353	0.18290	0.18290	0.010	14.34162	25.00000	Averaged
102 Methyl acetate	0.28157	0.28174	0.28174	0.010	-0.06253	25.00000	Averaged
104 Cyclohexane	0.72177	0.62719	0.62719	0.010	13.10300	25.00000	Averaged
105 Methyl Cyclohexane	0.41847	0.39003	0.39003	0.010	6.79593	25.00000	Averaged
157 2-Chlorobenzotrifluoride	1.58459	1.34503	1.34503	0.010	15.11813	25.00000	Averaged
158 3-Chlorobenzotrifluoride	1.66993	1.33653	1.33653	0.010	19.96476	25.00000	Averaged
159 4-Chlorobenzotrifluoride	1.50440	1.22508	1.22508	0.010	18.56661	25.00000	Averaged
160 3-Chlorotoluene	0.88982	0.75173	0.75173	0.010	15.51912	25.00000	Averaged
161 2,4-Dichlorobenzotrifluorid	0.62436	0.57495	0.57495	0.010	7.91347	25.00000	Averaged
162 2,5-Dichlorobenzotrifluorid	0.73933	0.63276	0.63276	0.010	14.41465	25.00000	Averaged
163 3,4-Dichlorobenzotrifluorid	0.70347	0.58060	0.58060	0.010	17.46604	25.00000	Averaged
164 Dichlorotoluene(2,4+2,5+2,6	1.17733	0.96475	0.96475	0.010	18.05599	25.00000	Averaged
165 Dichlorotoluene(2,3+3,4)	1.26836	1.05060	1.05060	0.010	17.16852	25.00000	Averaged
166 1,3,5-Trichlorobenzene	0.99981	0.81442	0.81442	0.010	18.54215	25.00000	Averaged

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CONTINUING CALIBRATION COMPOUNDS

Instrument ID: hp5.i Injection Date: 23-DEC-2008 19:59
Lab File ID: 1C51223N.D Init. Cal. Date(s): 17-DEC-2008 17-DEC-2008
Analysis Type: WATER Init. Cal. Times: 08:55 11:14
Lab Sample ID: vstd10 Quant Type: ISTD
Method: \\pitsvr06\d\chem\hp5.i\5122308n.b\8260ee.m

COMPOUND	RRF / AMOUNT	RF10	CCAL RRF10	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE
167 2,3,6-Trichlorotoluene	0.40855	0.32837	0.32837	0.010	19.62438	25.00000	Averaged
168 2,4,5-Trichlorotoluene	0.47533	0.37301	0.37301	0.010	21.52641	25.00000	Averaged

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ICV

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: hp6.i Injection Date: 17-DEC-2008 14:49
Lab File ID: 61217007.D Init. Cal. Date(s): 17-DEC-2008 17-DEC-2008
Analysis Type: WATER Init. Cal. Times: 08:30 12:27
Lab Sample ID: ver10 Quant Type: ISTD
Method: \\pitsvr06\d\chem\hp6.i\6121708d.b\8260ee.m

COMPOUND	RRF / AMOUNT	RF10	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE	
$ 39 Dibromofluoromethane	0.20683	0.20378	0.010	1.47257	25.00000	Averaged	
$ 43 1,2-Dichloroethane-d4	0.25035	0.25142	0.010	-0.42558	25.00000	Averaged	
$ 59 Toluene-d8	3.77997	4.00904	0.010	-6.06027	25.00000	Averaged	
$ 80 Bromofluorobenzene	1.06637	1.08463	0.010	-1.71209	25.00000	Averaged	
2 Chloromethane	0.41741	0.33831	0.100	18.94991	25.00000	Averaged	
3 Vinyl Chloride	0.37981	0.30341	0.010	20.11431	20.00000	Averaged	<-
4 Bromomethane	0.13560	0.15831	0.010	-16.74244	25.00000	Averaged	
5 Chloroethane	0.18028	0.18116	0.010	-0.48523	25.00000	Averaged	
6 Trichlorofluoromethane	0.30677	0.25754	0.010	16.04675	25.00000	Averaged	
1 Dichlorodifluoromethane	0.86162	0.66712	0.010	22.57368	25.00000	Averaged	
12 1,1-Dichloroethene	0.25096	0.21738	0.010	13.37903	20.00000	Averaged	
13 Acetone	0.10170	0.08782	0.010	13.64716	25.00000	Averaged	
15 Carbon Disulfide	0.82198	0.71814	0.010	12.63351	25.00000	Averaged	
17 Acetonitrile	0.02738	0.02396	0.010	12.47416	25.00000	Averaged	
18 Methylene Chloride	0.30734	0.26985	0.010	12.20032	25.00000	Averaged	
19 trans-1,2-Dichloroethene	0.28244	0.24952	0.010	11.65582	25.00000	Averaged	
20 Methyl tert-butyl ether	0.77794	0.66892	0.010	14.01336	25.00000	Averaged	
24 1,1-Dichloroethane	0.51951	0.46979	0.100	9.56943	25.00000	Averaged	
27 2,2-Dichloropropane	0.35138	0.30857	0.010	12.18535	25.00000	Averaged	
28 cis-1,2-dichloroethene	0.31824	0.28230	0.010	11.29443	25.00000	Averaged	
M 29 1,2-Dichloroethene (total)	0.30034	0.26591	0.010	11.46435	25.00000	Averaged	
30 Bromochloromethane	0.13815	0.11985	0.010	13.24579	25.00000	Averaged	
31 2-Butanone	0.15855	0.14611	0.010	7.84976	25.00000	Averaged	
37 Chloroform	0.42657	0.39999	0.010	6.23053	20.00000	Averaged	
38 1,1,1-Trichloroethane	0.33019	0.29850	0.010	9.59789	25.00000	Averaged	
40 1,1-Dichloropropene	0.37501	0.34174	0.010	8.87213	25.00000	Averaged	
41 Carbon Tetrachloride	0.25285	0.22740	0.010	10.06633	25.00000	Averaged	
42 Benzene	1.16448	1.07919	0.010	7.32430	25.00000	Averaged	
45 1,2-Dichloroethane	0.32288	0.30415	0.010	5.80038	25.00000	Averaged	
47 Trichloroethene	0.27624	0.24395	0.010	11.68807	25.00000	Averaged	
49 1,2-Dichloropropane	0.32428	0.29816	0.010	8.05538	20.00000	Averaged	
50 Dibromomethane	0.15513	0.13950	0.010	10.07652	25.00000	Averaged	
53 Bromodichloromethane	0.31820	0.29537	0.010	7.17549	25.00000	Averaged	
57 cis-1,3-Dichloropropene	0.48464	0.44198	0.010	8.80379	25.00000	Averaged	
58 4-Methyl-2-Pentanone	1.36844	1.39041	0.010	-1.60533	25.00000	Averaged	
60 Toluene	4.79885	4.77370	0.010	0.52426	20.00000	Averaged	
61 trans-1,3-Dichloropropene	1.73368	1.65706	0.010	4.41929	25.00000	Averaged	
63 1,3-Dichloropropane	1.96743	1.97635	0.010	-0.45320	25.00000	Averaged	
64 1,1,2-Trichloroethane	1.08131	1.00349	0.010	7.19742	25.00000	Averaged	
65 Tetrachloroethene	0.81925	0.75579	0.010	7.74566	25.00000	Averaged	
66 2-Hexanone	0.97567	0.93706	0.010	3.95745	25.00000	Averaged	
67 Dibromochloromethane	0.92166	0.85790	0.010	6.91803	25.00000	Averaged	
68 1,2-Dibromoethane	1.03083	0.96943	0.010	5.95605	25.00000	Averaged	

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CONTINUING CALIBRATION COMPOUNDS

Instrument ID: hp6.i
Lab File ID: 61217007.D
Analysis Type: WATER
Lab Sample ID: ver10
Method: \\pitsvr06\d\chem\hp6.i\6121708d.b\8260ee.m

Injection Date: 17-DEC-2008 14:49
Init. Cal. Date(s): 17-DEC-2008 17-DEC-2008
Init. Cal. Times: 08:30 12:27
Quant Type: ISTD

COMPOUND	RRF / AMOUNT	RF10	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE
70 Chlorobenzene	3.18175	3.03578	0.300	4.58770	25.00000	Averaged
71 1,1,1,2-Tetrachloroethane	1.01796	0.97281	0.010	4.43554	25.00000	Averaged
72 Ethylbenzene	1.78263	1.68318	0.010	5.57876	20.00000	Averaged
73 m + p-Xylene	2.06936	2.04620	0.010	1.11935	25.00000	Averaged
74 Xylene-o	2.11044	2.01692	0.010	4.43153	25.00000	Averaged
M 75 Xylenes (total)	2.08305	2.03644	0.010	2.23792	25.00000	Averaged
76 Styrene	3.54224	3.46312	0.010	2.23373	25.00000	Averaged
77 Bromoform	0.59115	0.52484	0.100	11.21818	25.00000	Averaged
78 Isopropylbenzene	4.75206	4.64976	0.010	2.15270	25.00000	Averaged
79 Bromobenzene	0.87836	0.83095	0.010	5.39737	25.00000	Averaged
81 n-Propylbenzene	0.97330	0.95127	0.010	2.26327	25.00000	Averaged
82 2-Chlorotoluene	0.88307	0.83181	0.010	5.80497	25.00000	Averaged
83 1,1,2,2-Tetrachloroethane	1.02982	0.97653	0.300	5.17512	25.00000	Averaged
84 1,2,3-Trichloropropane	0.27764	0.27664	0.010	0.35742	25.00000	Averaged
85 4-Chlorotoluene	0.95397	0.95495	0.010	-0.10241	25.00000	Averaged
86 1,3,5-Trimethylbenzene	2.73582	2.72399	0.010	0.43247	25.00000	Averaged
87 tert-Butylbenzene	2.27110	2.19665	0.010	3.27818	25.00000	Averaged
88 1,2,4-Trimethylbenzene	2.77310	2.70603	0.010	2.41869	25.00000	Averaged
89 sec-Butylbenzene	3.18800	3.21546	0.010	-0.86120	25.00000	Averaged
90 4-Isopropyltoluene	2.59667	2.62410	0.010	-1.05648	25.00000	Averaged
91 1,3-Dichlorobenzene	1.59752	1.56095	0.010	2.28905	25.00000	Averaged
93 1,4-Dichlorobenzene	1.66467	1.60368	0.010	3.66425	25.00000	Averaged
94 n-Butylbenzene	2.40618	2.41591	0.010	-0.40448	25.00000	Averaged
95 1,2-Dichlorobenzene	1.54841	1.49266	0.010	3.60048	25.00000	Averaged
96 1,2-Dibromo-3-chloropropane	0.16570	0.14542	0.010	12.24072	25.00000	Averaged
97 1,2,4-Trichlorobenzene	0.89177	0.83788	0.010	6.04350	25.00000	Averaged
98 Hexachlorobutadiene	0.26508	0.24346	0.010	8.15547	25.00000	Averaged
99 Naphthalene	2.69120	2.49804	0.010	7.17749	25.00000	Averaged
100 1,2,3-Trichlorobenzene	0.73625	0.66109	0.010	10.20795	25.00000	Averaged
101 1,1,2-trichlorotrifluoroeth	0.20841	0.20137	0.010	3.37515	25.00000	Averaged
102 Methyl acetate	0.27133	0.24540	0.010	9.55628	25.00000	Averaged
104 Cyclohexane	0.53219	0.48958	0.010	8.00671	25.00000	Averaged
105 Methyl Cyclohexane	0.42279	0.40502	0.010	4.20332	25.00000	Averaged
157 2-Chlorobenzotrifluoride	1.27738	1.29752	0.010	-1.57718	25.00000	Averaged
158 3-Chlorobenzotrifluoride	1.31906	1.34411	0.010	-1.89926	25.00000	Averaged
159 4-Chlorobenzotrifluoride	1.21210	1.25076	0.010	-3.18956	25.00000	Averaged
160 3-Chlorotoluene	0.92364	0.94909	0.010	-2.75627	25.00000	Averaged
161 2,4-Dichlorobenzotrifluorid	0.55574	0.57657	0.010	-3.74884	25.00000	Averaged
162 2,5-Dichlorobenzotrifluorid	0.63992	0.66734	0.010	-4.28482	25.00000	Averaged
163 3,4-Dichlorobenzotrifluorid	0.62413	0.64282	0.010	-2.99540	25.00000	Averaged
164 Dichlorotoluene(2,4+2,5+2,6	1.12917	1.19257	0.010	-5.61436	25.00000	Averaged
165 Dichlorotoluene(2,3+3,4)	1.24056	1.31841	0.010	-6.27531	25.00000	Averaged
166 1,3,5-Trichlorobenzene	0.89585	0.94037	0.010	-4.96935	25.00000	Averaged

TestAmerica Pittsburgh

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: hp6.i Injection Date: 17-DEC-2008 14:49
Lab File ID: 61217007.D Init. Cal. Date(s): 17-DEC-2008 17-DEC-2008
Analysis Type: WATER Init. Cal. Times: 08:30 12:27
Lab Sample ID: ver10 Quant Type: ISTD
Method: \\pitsvr06\d\chem\hp6.i\6121708d.b\8260ee.m

COMPOUND	RRF / AMOUNT	RF10	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE
167 2,3,6-Trichlorotoluene	0.09233	0.08422	0.010	8.78590	25.00000	Averaged
168 2,4,5-Trichlorotoluene	0.14203	0.13112	0.010	7.68250	25.00000	Averaged

TestAmerica Pittsburgh

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: hp6.i Injection Date: 21-DEC-2008 07:48
Lab File ID: CC61221.D Init. Cal. Date(s): 16-DEC-2008 17-DEC-2008
Analysis Type: WATER Init. Cal. Times: 18:35 12:27
Lab Sample ID: vstd10 Quant Type: ISTD
Method: \\PITSVR06\D\chem\hp6.i\6122108d.b\8260ee.m

COMPOUND	RRF / AMOUNT	RF10	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE	
$ 39 Dibromofluoromethane	0.20683	0.19888	0.010	3.84259	25.00000	Averaged	
$ 43 1,2-Dichloroethane-d4	0.25035	0.28546	0.010	-14.02486	25.00000	Averaged	
$ 59 Toluene-d8	3.77997	3.81509	0.010	-0.92904	25.00000	Averaged	
$ 80 Bromofluorobenzene	1.06637	1.00827	0.010	5.44816	25.00000	Averaged	
2 Chloromethane	0.41741	0.35578	0.100	14.76582	25.00000	Averaged	
3 Vinyl Chloride	0.37981	0.35422	0.010	6.73720	20.00000	Averaged	
4 Bromomethane	0.13560	0.12953	0.010	4.48113	25.00000	Averaged	
5 Chloroethane	0.18028	0.17436	0.010	3.28548	25.00000	Averaged	
6 Trichlorofluoromethane	0.30677	0.36374	0.010	-18.57057	25.00000	Averaged	
1 Dichlorodifluoromethane	0.86162	1.21150	0.010	-40.60752	25.00000	Averaged	<- 2
12 1,1-Dichloroethene	0.25096	0.25668	0.010	-2.27714	20.00000	Averaged	
13 Acetone	0.10170	0.07465	0.010	26.59568	25.00000	Averaged	<- 2
15 Carbon Disulfide	0.82198	0.93898	0.010	-14.23306	25.00000	Averaged	
18 Methylene Chloride	0.30734	0.30656	0.010	0.25592	25.00000	Averaged	
19 trans-1,2-Dichloroethene	0.28244	0.30681	0.010	-8.62771	25.00000	Averaged	
20 Methyl tert-butyl ether	0.77794	0.75569	0.010	2.85958	25.00000	Averaged	
24 1,1-Dichloroethane	0.51951	0.56100	0.100	-7.98623	25.00000	Averaged	
27 2,2-Dichloropropane	0.35138	0.43592	0.010	-24.05691	25.00000	Averaged	
28 cis-1,2-dichloroethene	0.31824	0.31796	0.010	0.08864	25.00000	Averaged	
M 29 1,2-Dichloroethene (total)	0.30034	0.31238	0.010	-4.00993	25.00000	Averaged	
30 Bromochloromethane	0.13815	0.13569	0.010	1.77909	25.00000	Averaged	
31 2-Butanone	0.15855	0.11128	0.010	29.81742	25.00000	Averaged	<- 2
37 Chloroform	0.42657	0.49022	0.010	-14.92250	20.00000	Averaged	
38 1,1,1-Trichloroethane	0.33019	0.43428	0.010	-31.52252	25.00000	Averaged	<- 1
40 1,1-Dichloropropene	0.37501	0.44777	0.010	-19.40390	25.00000	Averaged	
41 Carbon Tetrachloride	0.25285	0.33802	0.010	-33.68469	25.00000	Averaged	<- 1
42 Benzene	1.16448	1.24917	0.010	-7.27245	25.00000	Averaged	
45 1,2-Dichloroethane	0.32288	0.38592	0.010	-19.52306	25.00000	Averaged	
47 Trichloroethene	0.27624	0.29179	0.010	-5.62988	25.00000	Averaged	
49 1,2-Dichloropropane	0.32428	0.31625	0.010	2.47874	20.00000	Averaged	
50 Dibromomethane	0.15513	0.15730	0.010	-1.39645	25.00000	Averaged	
53 Bromodichloromethane	0.31820	0.35530	0.010	-11.65785	25.00000	Averaged	
57 cis-1,3-Dichloropropene	0.48464	0.48266	0.010	0.40985	25.00000	Averaged	
58 4-Methyl-2-Pentanone	1.36844	1.01470	0.010	25.84971	25.00000	Averaged	<- 2
60 Toluene	4.79085	5.18995	0.010	-8.14985	20.00000	Averaged	
61 trans-1,3-Dichloropropene	1.73368	1.87255	0.010	-8.01038	25.00000	Averaged	
63 1,3-Dichloropropane	1.96743	2.05461	0.010	-4.43105	25.00000	Averaged	
64 1,1,2-Trichloroethane	1.08131	1.03704	0.010	4.09477	25.00000	Averaged	
65 Tetrachloroethene	0.81925	0.96301	0.010	-17.54750	25.00000	Averaged	
66 2-Hexanone	0.97567	0.71390	0.010	26.82965	25.00000	Averaged	<- 2
67 Dibromochloromethane	0.92166	0.98242	0.010	-6.59163	25.00000	Averaged	
68 1,2-Dibromoethane	1.03083	1.03711	0.010	-0.60950	25.00000	Averaged	

TestAmerica Pittsburgh

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: hp6.i
Lab File ID: CC61221.D
Analysis Type: WATER
Lab Sample ID: vstd10
Method: \\PITSVR06\D\chem\hp6.i\6122108d.b\8260ee.m

Injection Date: 21-DEC-2008 07:48
Init. Cal. Date(s): 16-DEC-2008 17-DEC-2008
Init. Cal. Times: 18:35 12:27
Quant Type: ISTD

COMPOUND	RRF / AMOUNT	RF10	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE	
70 Chlorobenzene	3.18175	3.27357	0.300	-2.88577	25.00000	Averaged	
71 1,1,1,2-Tetrachloroethane	1.01796	1.11621	0.010	-9.65205	25.00000	Averaged	
72 Ethylbenzene	1.78263	1.96052	0.010	-9.97933	20.00000	Averaged	
73 m + p-Xylene	2.06936	2.33535	0.010	-12.85353	25.00000	Averaged	
74 Xylene-o	2.11044	2.34476	0.010	-11.10280	25.00000	Averaged	
M 75 Xylenes (total)	2.08305	2.33849	0.010	-12.26243	25.00000	Averaged	
76 Styrene	3.54224	3.90113	0.010	-10.13176	25.00000	Averaged	
77 Bromoform	0.59115	0.60373	0.100	-2.12678	25.00000	Averaged	
78 Isopropylbenzene	4.75206	5.78299	0.010	-21.69438	25.00000	Averaged	
79 Bromobenzene	0.87836	0.85417	0.010	2.75397	25.00000	Averaged	
81 n-Propylbenzene	0.97330	1.04672	0.010	-7.54386	25.00000	Averaged	
82 2-Chlorotoluene	0.88307	0.85165	0.010	3.55797	25.00000	Averaged	
83 1,1,2,2-Tetrachloroethane	1.02982	0.83967	0.300	18.46439	25.00000	Averaged	
84 1,2,3-Trichloropropane	0.27764	0.27803	0.010	-0.14231	25.00000	Averaged	
85 4-Chlorotoluene	0.95397	0.94822	0.010	0.60237	25.00000	Averaged	
86 1,3,5-Trimethylbenzene	2.73582	3.04472	0.010	-11.29122	25.00000	Averaged	
87 tert-Butylbenzene	2.27110	2.66218	0.010	-17.21977	25.00000	Averaged	
88 1,2,4-Trimethylbenzene	2.77310	3.00547	0.010	-8.37964	25.00000	Averaged	
89 sec-Butylbenzene	3.18800	3.71732	0.010	-16.60339	25.00000	Averaged	
90 4-Isopropyltoluene	2.59667	3.18083	0.010	-22.49638	25.00000	Averaged	
91 1,3-Dichlorobenzene	1.59752	1.64171	0.010	-2.76633	25.00000	Averaged	
93 1,4-Dichlorobenzene	1.66467	1.63538	0.010	1.75975	25.00000	Averaged	
94 n-Butylbenzene	2.40618	2.87287	0.010	-19.39539	25.00000	Averaged	
95 1,2-Dichlorobenzene	1.54841	1.53176	0.010	1.07504	25.00000	Averaged	
96 1,2-Dibromo-3-chloropropane	0.16570	0.12936	0.010	21.93289	25.00000	Averaged	
97 1,2,4-Trichlorobenzene	0.89177	0.98249	0.010	-10.17298	25.00000	Averaged	
98 Hexachlorobutadiene	0.26508	0.37813	0.010	-42.65116	25.00000	Averaged	<- 2
99 Naphthalene	2.69120	2.00661	0.010	25.43830	25.00000	Averaged	<- 2
100 1,2,3-Trichlorobenzene	0.73625	0.71029	0.010	3.52600	25.00000	Averaged	
101 1,1,2-trichlorotrifluoroeth	0.20841	0.25489	0.010	-22.30274	25.00000	Averaged	
102 Methyl acetate	0.27133	0.18351	0.010	32.36503	25.00000	Averaged	<- 2
104 Cyclohexane	0.53219	0.57874	0.010	-8.74556	25.00000	Averaged	
105 Methyl Cyclohexane	0.42279	0.55742	0.010	-31.84378	25.00000	Averaged	<- 2

TestAmerica Pittsburgh

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: 731.i
Lab File ID: V12220CC.D
Analysis Type:
Lab Sample ID: SSTD4.0
Method: \\PITSVR06\D\chem\731.i\V122208.b\827011.m

Injection Date: 22-DEC-2008 03:52
Init. Cal. Date(s): 23-OCT-2008 23-OCT-2008
Init. Cal. Times: 00:05 04:48
Quant Type: ISTD

COMPOUND	RRF / AMOUNT	RF4	CCAL RRF4	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE	
198 1,4-Dioxane	4.00000	5.49787	0.22565	0.010	-37.44677	0.000e+000	Quadratic	
10 N-Nitrosodimethylamine	0.21621	0.26237	0.26237	0.010	-21.35019	25.00000	Averaged	
9 Pyridine	0.44319	0.47159	0.47159	0.010	-6.40883	25.00000	Averaged	
16 Methyl methanesulfonate	0.39775	0.49175	0.49175	0.010	-23.63127	25.00000	Averaged	
206 Benzaldehyde	4.00000	3.88613	0.46104	0.010	2.84666	0.000e+000	Quadratic	
21 Aniline	1.43988	1.51947	1.51947	0.010	-5.52760	25.00000	Averaged	
22 Phenol	1.34980	1.49562	1.49562	0.010	-10.80276	20.00000	Averaged	
23 bis(2-Chloroethyl)ether	0.94733	0.94795	0.94795	0.010	-0.06493	25.00000	Averaged	
24 2-Chlorophenol	1.28837	1.26352	1.26352	0.010	1.92878	25.00000	Averaged	
26 1,3-Dichlorobenzene	1.54135	1.54355	1.54355	0.010	-0.14306	25.00000	Averaged	
27 1,4-Dichlorobenzene	1.58187	1.60186	1.60186	0.010	-1.26378	20.00000	Averaged	
28 1,2-Dichlorobenzene	1.51239	1.52173	1.52173	0.010	-0.61720	25.00000	Averaged	
29 Benzyl Alcohol	0.66701	0.63359	0.63359	0.010	5.01078	25.00000	Averaged	
30 2-Methylphenol	1.08207	1.10489	1.10489	0.010	-2.10880	25.00000	Averaged	
31 2,2'-oxybis(1-Chloropropane	1.21710	1.12830	1.12830	0.010	7.29552	25.00000	Averaged	
37 Acetophenone	1.53835	1.97999	1.97999	0.010	-28.70894	25.00000	Averaged	<-
32 N-Nitroso-di-n-propylamine	0.62782	0.75243	0.75243	0.050	-19.84884	50.00000	Averaged	
192 4-Methylphenol	1.09392	1.25611	1.25611	0.010	-14.82589	25.00000	Averaged	
34 Hexachloroethane	0.67552	0.62447	0.62447	0.010	7.55604	25.00000	Averaged	
35 Nitrobenzene	0.26491	0.31994	0.31994	0.010	-20.77630	25.00000	Averaged	
41 Isophorone	0.47894	0.50442	0.50442	0.010	-5.32023	25.00000	Averaged	
42 2-Nitrophenol	0.17380	0.16676	0.16676	0.010	4.05118	20.00000	Averaged	
43 2,4-Dimethylphenol	0.29025	0.31990	0.31990	0.010	-10.21347	25.00000	Averaged	
44 bis(2-Chloroethoxy)methane	0.31339	0.34006	0.34006	0.010	-8.50769	25.00000	Averaged	
48 2,4-Dichlorophenol	0.29703	0.29238	0.29238	0.010	1.56777	20.00000	Averaged	
49 Benzoic Acid	10.00000	8.63482	0.10075	0.010	13.65181	0.000e+000	Quadratic	
50 1,2,4-Trichlorobenzene	0.34159	0.37809	0.37809	0.010	-10.68263	25.00000	Averaged	
51 Naphthalene	1.03121	0.99291	0.99291	0.010	3.71409	25.00000	Averaged	
52 4-Chloroaniline	0.39814	0.39582	0.39582	0.010	0.58337	25.00000	Averaged	
54 2,6-Dichlorophenol	0.31382	0.31380	0.31380	0.010	0.00684	25.00000	Averaged	
56 Hexachlorobutadiene	0.19957	0.23494	0.23494	0.010	-17.71872	20.00000	Averaged	
208 Caprolactam	0.08063	0.07805	0.07805	0.010	3.20552	25.00000	Averaged	
59 4-Chloro-3-Methylphenol	0.26497	0.30293	0.30293	0.010	-14.32623	20.00000	Averaged	
62 2-Methylnaphthalene	0.73401	0.69660	0.69660	0.010	5.09596	25.00000	Averaged	
63 1-Methylnaphthalene	0.73634	0.70311	0.70311	0.010	4.51206	25.00000	Averaged	
64 Hexachlorocyclopentadiene	0.29307	0.26321	0.26321	0.050	10.18908	50.00000	Averaged	
66 2,4,6-Trichlorophenol	0.33113	0.34080	0.34080	0.010	-2.92079	20.00000	Averaged	
67 2,4,5-Trichlorophenol	0.33760	0.38728	0.38728	0.010	-14.71510	25.00000	Averaged	
209 1,1'-Biphenyl	1.27622	1.34843	1.34843	0.010	-5.65813	25.00000	Averaged	
70 2-Chloronaphthalene	1.03476	1.07893	1.07893	0.010	-4.26835	25.00000	Averaged	
73 2-Nitroaniline	0.23377	0.25684	0.25684	0.010	-9.86865	25.00000	Averaged	
76 Dimethylphthalate	1.07085	1.20748	1.20748	0.010	-12.75982	25.00000	Averaged	

TestAmerica Pittsburgh

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: 731.i
Lab File ID: V12220CC.D
Analysis Type:
Lab Sample ID: SSTD4.0
Method: \\PITSVR06\D\chem\731.i\V122208.b\827011.m

Injection Date: 22-DEC-2008 03:52
Init. Cal. Date(s): 23-OCT-2008 23-OCT-2008
Init. Cal. Times: 00:05 04:48
Quant Type: ISTD

COMPOUND	RRF / AMOUNT	RF4	CCAL RRF4	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE	
78 2,6-Dinitrotoluene	0.23593	0.23737	0.23737	0.010	-0.60858	25.00000	Averaged	
79 Acenaphthylene	1.68447	1.63195	1.63195	0.010	3.11771	25.00000	Averaged	
81 3-Nitroaniline	0.27844	0.26848	0.26848	0.010	3.57962	25.00000	Averaged	
82 Acenaphthene	1.05183	1.09663	1.09663	0.010	-4.25881	20.00000	Averaged	
83 2,4-Dinitrophenol	10.00000	7.63367	0.06149	0.050	23.66326	0.000e+000	Quadratic	
85 4-Nitrophenol	0.13878	0.17610	0.17610	0.050	-26.89159	50.00000	Averaged	
86 Dibenzofuran	1.56249	1.61698	1.61698	0.010	-3.48714	25.00000	Averaged	
87 2,4-Dinitrotoluene	0.33867	0.36058	0.36058	0.010	-6.47188	25.00000	Averaged	
91 2,3,5,6-Tetrachlorophenol	0.28641	0.28381	0.28381	0.010	0.90679	25.00000	Averaged	
88 2,3,4,6-Tetrachlorophenol	0.30678	0.31289	0.31289	0.010	-1.99246	25.00000	Averaged	
92 2-Naphthylamine	0.57406	0.51147	0.51147	0.010	10.90298	25.00000	Averaged	
93 Diethylphthalate	1.15744	1.32621	1.32621	0.010	-14.58116	25.00000	Averaged	
94 Fluorene	1.22585	1.32251	1.32251	0.010	-7.88545	25.00000	Averaged	
95 4-Chlorophenyl-phenylether	0.55778	0.71873	0.71873	0.010	-28.85509	25.00000	Averaged	<-
96 4-Nitroaniline	0.28962	0.31391	0.31391	0.010	-8.38473	25.00000	Averaged	
98 4,6-Dinitro-2-methylphenol	10.00000	8.75477	0.07624	0.010	12.45228	0.000e+000	Quadratic	
99 N-Nitrosodiphenylamine (1)	0.48313	0.46417	0.46417	0.010	3.92326	20.00000	Averaged	
100 1,2-Diphenylhydrazine	0.56945	0.61723	0.61723	0.010	-8.39136	25.00000	Averaged	
106 4-Bromophenyl-phenylether	0.18687	0.17840	0.17840	0.010	4.53270	25.00000	Averaged	
107 Hexachlorobenzene	0.21229	0.20033	0.20033	0.010	5.63238	25.00000	Averaged	
210 Atrazine	0.10628	0.10555	0.10555	0.010	0.67996	25.00000	Averaged	
111 Pentachlorophenol	10.00000	8.81785	0.09551	0.010	11.82153	0.000e+000	Quadratic	
115 Phenanthrene	1.01200	1.01523	1.01523	0.010	-0.31911	25.00000	Averaged	
116 Anthracene	1.02321	1.00154	1.00154	0.010	2.11825	25.00000	Averaged	
119 Carbazole	0.98880	0.94421	0.94421	0.010	4.50979	25.00000	Averaged	
120 Di-n-Butylphthalate	1.18671	1.13665	1.13665	0.010	4.21832	25.00000	Averaged	
123 Fluoranthene	1.20971	1.26895	1.26895	0.010	-4.89683	20.00000	Averaged	
124 Benzidine	4.00000	2.72747	0.16954	0.010	31.81327	0.000e+000	Quadratic	
125 Pyrene	1.22708	1.17438	1.17438	0.010	4.29424	25.00000	Averaged	
131 Butylbenzylphthalate	0.57469	0.51702	0.51702	0.010	10.03526	25.00000	Averaged	
135 3,3'-Dichlorobenzidine	0.47880	0.44768	0.44768	0.010	6.50000	25.00000	Averaged	
136 Benzo(a)Anthracene	1.15582	1.19022	1.19022	0.010	-2.97646	25.00000	Averaged	
137 Chrysene	1.15021	1.10173	1.10173	0.010	4.21482	25.00000	Averaged	
139 bis(2-ethylhexyl)Phthalate	0.80249	0.71934	0.71934	0.010	10.36035	25.00000	Averaged	
140 Di-n-octylphthalate	1.51798	1.35835	1.35835	0.010	10.51589	20.00000	Averaged	
141 Benzo(b)fluoranthene	1.41402	1.44006	1.44006	0.010	-1.84156	25.00000	Averaged	
142 Benzo(k)fluoranthene	1.41243	1.34496	1.34496	0.010	4.77672	25.00000	Averaged	
143 7,12-dimethylbenz[a]anthrac	0.62511	0.57550	0.57550	0.010	7.93744	25.00000	Averaged	
146 Benzo(a)pyrene	1.20646	1.20058	1.20058	0.010	0.48736	20.00000	Averaged	
149 Indeno(1,2,3-cd)pyrene	1.46993	1.36119	1.36119	0.010	7.39778	25.00000	Averaged	
150 Dibenz(a,h)anthracene	1.23484	1.12769	1.12769	0.010	8.67677	25.00000	Averaged	
151 Benzo(g,h,i)perylene	1.28348	1.17577	1.17577	0.010	8.39194	25.00000	Averaged	

TestAmerica Pittsburgh

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: 731.i Injection Date: 22-DEC-2008 03:52
Lab File ID: V12220CC.D Init. Cal. Date(s): 23-OCT-2008 23-OCT-2008
Analysis Type: Init. Cal. Times: 00:05 04:48
Lab Sample ID: SSTD4.0 Quant Type: ISTD
Method: \\PITSVR06\D\chem\731.i\V122208.b\827011.m

COMPOUND	RRF / AMOUNT	RF4	CCAL RRF4	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE
$ 154 Nitrobenzene-d5	0.27855	0.31843	0.31843	0.010	-14.31815	25.00000	Averaged
$ 155 2-Fluorobiphenyl	1.13839	1.22365	1.22365	0.010	-7.48976	25.00000	Averaged
$ 156 Terphenyl-d14	0.79168	0.76181	0.76181	0.010	3.77260	25.00000	Averaged
$ 157 Phenol-d5	1.26916	1.37097	1.37097	0.010	-8.02156	25.00000	Averaged
$ 158 2-Fluorophenol	0.88548	1.00526	1.00526	0.010	-13.52764	25.00000	Averaged
$ 159 2,4,6-Tribromophenol	0.09403	0.08128	0.08128	0.010	13.56476	25.00000	Averaged
$ 186 2-Chlorophenol-d4	1.24345	1.28186	1.28186	0.010	-3.08854	25.00000	Averaged
$ 187 1,2-Dichlorobenzene-d4	0.97425	1.00073	1.00073	0.010	-2.71804	25.00000	Averaged

TestAmerica Pittsburgh

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: 731.i Injection Date: 26-DEC-2008 04:19
Lab File ID: V12260CC.D Init. Cal. Date(s): 23-OCT-2008 23-OCT-2008
Analysis Type: Init. Cal. Times: 00:05 04:48
Lab Sample ID: SSTD4.0 Quant Type: ISTD
Method: \\PITSVR06\D\chem\731.i\V122608.b\827011.m

COMPOUND	RRF / AMOUNT	RF4	CCAL RRF4	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE	
198 1,4-Dioxane	4.00000	5.03170	0.20495	0.010	-25.79256	0.000e+000	Quadratic	
10 N-Nitrosodimethylamine	0.21621	0.29397	0.29397	0.010	-35.96719	25.00000	Averaged	<-
9 Pyridine	0.44319	0.63816	0.63816	0.010	-43.99275	25.00000	Averaged	<-
16 Methyl methanesulfonate	0.39775	0.47616	0.47616	0.010	-19.71092	25.00000	Averaged	
206 Benzaldehyde	4.00000	3.90002	0.46358	0.010	2.49958	0.000e+000	Quadratic	
21 Aniline	1.43988	1.48692	1.48692	0.010	-3.26714	25.00000	Averaged	
22 Phenol	1.34980	1.49098	1.49098	0.010	-10.45940	20.00000	Averaged	
23 bis(2-Chloroethyl)ether	0.94733	1.01899	1.01899	0.010	-7.56366	25.00000	Averaged	
24 2-Chlorophenol	1.28837	1.31712	1.31712	0.010	-2.23151	25.00000	Averaged	
26 1,3-Dichlorobenzene	1.54135	1.55969	1.55969	0.010	-1.18977	25.00000	Averaged	
27 1,4-Dichlorobenzene	1.58187	1.59902	1.59902	0.010	-1.08406	20.00000	Averaged	
28 1,2-Dichlorobenzene	1.51239	1.52241	1.52241	0.010	-0.66250	25.00000	Averaged	
29 Benzyl Alcohol	0.66701	0.68961	0.68961	0.010	-3.38806	25.00000	Averaged	
30 2-Methylphenol	1.08207	1.10277	1.10277	0.010	-1.91252	25.00000	Averaged	
31 2,2'-oxybis(1-Chloropropane	1.21710	1.14175	1.14175	0.010	6.19047	25.00000	Averaged	
37 Acetophenone	1.53835	1.77855	1.77855	0.010	-15.61378	25.00000	Averaged	
32 N-Nitroso-di-n-propylamine	0.62782	0.70878	0.70878	0.050	-12.89528	50.00000	Averaged	
192 4-Methylphenol	1.09392	1.16187	1.16187	0.010	-6.21121	25.00000	Averaged	
34 Hexachloroethane	0.67552	0.63240	0.63240	0.010	6.38259	25.00000	Averaged	
35 Nitrobenzene	0.26491	0.30897	0.30897	0.010	-16.63279	25.00000	Averaged	
41 Isophorone	0.47894	0.47946	0.47946	0.010	-0.11042	25.00000	Averaged	
42 2-Nitrophenol	0.17380	0.17350	0.17350	0.010	0.17135	20.00000	Averaged	
43 2,4-Dimethylphenol	0.29025	0.32471	0.32471	0.010	-11.87187	25.00000	Averaged	
44 bis(2-Chloroethoxy)methane	0.31339	0.32738	0.32738	0.010	-4.46403	25.00000	Averaged	
48 2,4-Dichlorophenol	0.29703	0.28400	0.28400	0.010	4.38909	20.00000	Averaged	
49 Benzoic Acid	10.00000	10.63296	0.13564	0.010	-6.32959	0.000e+000	Quadratic	
50 1,2,4-Trichlorobenzene	0.34159	0.37480	0.37480	0.010	-9.71987	25.00000	Averaged	
51 Naphthalene	1.03121	0.98037	0.98037	0.010	4.93025	25.00000	Averaged	
52 4-Chloroaniline	0.39814	0.37154	0.37154	0.010	6.68328	25.00000	Averaged	
54 2,6-Dichlorophenol	0.31382	0.32302	0.32302	0.010	-2.92976	25.00000	Averaged	
56 Hexachlorobutadiene	0.19957	0.23230	0.23230	0.010	-16.39732	20.00000	Averaged	
208 Caprolactam	0.08063	0.07209	0.07209	0.010	10.59838	25.00000	Averaged	
59 4-Chloro-3-Methylphenol	0.26497	0.27922	0.27922	0.010	-5.37917	20.00000	Averaged	
62 2-Methylnaphthalene	0.73401	0.67610	0.67610	0.010	7.88917	25.00000	Averaged	
63 1-Methylnaphthalene	0.73634	0.68443	0.68443	0.010	7.04963	25.00000	Averaged	
64 Hexachlorocyclopentadiene	0.29307	0.31229	0.31229	0.050	-6.55768	50.00000	Averaged	
66 2,4,6-Trichlorophenol	0.33113	0.37838	0.37838	0.010	-14.26923	20.00000	Averaged	
67 2,4,5-Trichlorophenol	0.33760	0.37955	0.37955	0.010	-12.42608	25.00000	Averaged	
209 1,1'-Biphenyl	1.27622	1.38677	1.38677	0.010	-8.66303	25.00000	Averaged	
70 2-Chloronaphthalene	1.03476	1.08277	1.08277	0.010	-4.63984	25.00000	Averaged	
73 2-Nitroaniline	0.23377	0.24674	0.24674	0.010	-5.54614	25.00000	Averaged	
76 Dimethylphthalate	1.07085	1.17365	1.17365	0.010	-9.59992	25.00000	Averaged	

TestAmerica Pittsburgh

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: 731.i
Lab File ID: V12260CC.D
Analysis Type:
Lab Sample ID: SSTD4.0
Method: \\PITSVR06\D\chem\731.i\V122608.b\827011.m

Injection Date: 26-DEC-2008 04:19
Init. Cal. Date(s): 23-OCT-2008 23-OCT-2008
Init. Cal. Times: 00:05 04:48
Quant Type: ISTD

COMPOUND	RRF / AMOUNT	RF4	CCAL RRF4	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE	
78 2,6-Dinitrotoluene	0.23593	0.23382	0.23382	0.010	0.89639	25.00000	Averaged	
79 Acenaphthylene	1.68447	1.63866	1.63866	0.010	2.71905	25.00000	Averaged	
81 3-Nitroaniline	0.27844	0.25014	0.25014	0.010	10.16706	25.00000	Averaged	
82 Acenaphthene	1.05183	1.09410	1.09410	0.010	-4.01805	20.00000	Averaged	
83 2,4-Dinitrophenol	10.00000	10.13786	0.09609	0.050	-1.37861	0.000e+000	Quadratic	
85 4-Nitrophenol	0.13878	0.17528	0.17528	0.050	-26.30181	50.00000	Averaged	
86 Dibenzofuran	1.56249	1.59763	1.59763	0.010	-2.24928	25.00000	Averaged	
87 2,4-Dinitrotoluene	0.33867	0.33031	0.33031	0.010	2.46646	25.00000	Averaged	
91 2,3,5,6-Tetrachlorophenol	0.28641	0.29505	0.29505	0.010	-3.01767	25.00000	Averaged	
88 2,3,4,6-Tetrachlorophenol	0.30678	0.31085	0.31085	0.010	-1.32912	25.00000	Averaged	
92 2-Naphthylamine	0.57406	0.49901	0.49901	0.010	13.07298	25.00000	Averaged	
93 Diethylphthalate	1.15744	1.24885	1.24885	0.010	-7.89777	25.00000	Averaged	
94 Fluorene	1.22585	1.31306	1.31306	0.010	-7.11434	25.00000	Averaged	
95 4-Chlorophenyl-phenylether	0.55778	0.66654	0.66654	0.010	-19.49940	25.00000	Averaged	
96 4-Nitroaniline	0.28962	0.25202	0.25202	0.010	12.98204	25.00000	Averaged	
98 4,6-Dinitro-2-methylphenol	10.00000	9.32882	0.08241	0.010	6.71178	0.000e+000	Quadratic	
99 N-Nitrosodiphenylamine (1)	0.48313	0.46756	0.46756	0.010	3.22294	20.00000	Averaged	
100 1,2-Diphenylhydrazine	0.56945	0.61150	0.61150	0.010	-7.38594	25.00000	Averaged	
106 4-Bromophenyl-phenylether	0.18687	0.18751	0.18751	0.010	-0.34139	25.00000	Averaged	
107 Hexachlorobenzene	0.21229	0.20008	0.20008	0.010	5.75263	25.00000	Averaged	
210 Atrazine	0.10628	0.10228	0.10228	0.010	3.75635	25.00000	Averaged	
111 Pentachlorophenol	10.00000	8.03191	0.08512	0.010	19.68087	0.000e+000	Quadratic	
115 Phenanthrene	1.01200	0.99938	0.99938	0.010	1.24730	25.00000	Averaged	
116 Anthracene	1.02321	0.99887	0.99887	0.010	2.37885	25.00000	Averaged	
119 Carbazole	0.98880	0.90641	0.90641	0.010	8.33228	25.00000	Averaged	
120 Di-n-Butylphthalate	1.18671	1.10508	1.10508	0.010	6.87878	25.00000	Averaged	
123 Fluoranthene	1.20971	1.21177	1.21177	0.010	-0.16999	20.00000	Averaged	
124 Benzidine	4.00000	1.57927	0.02919	0.010	60.51817	0.000e+000	Quadratic	N/A
125 Pyrene	1.22708	1.21452	1.21452	0.010	1.02296	25.00000	Averaged	
131 Butylbenzylphthalate	0.57469	0.52560	0.52560	0.010	8.54248	25.00000	Averaged	
135 3,3'-Dichlorobenzidine	0.47880	0.36452	0.36452	0.010	23.86738	25.00000	Averaged	
136 Benzo(a)Anthracene	1.15582	1.12767	1.12767	0.010	2.43538	25.00000	Averaged	
137 Chrysene	1.15021	1.16001	1.16001	0.010	-0.85170	25.00000	Averaged	
139 bis(2-ethylhexyl)Phthalate	0.80249	0.73737	0.73737	0.010	8.11410	25.00000	Averaged	
140 Di-n-octylphthalate	1.51798	1.31121	1.31121	0.010	13.62150	20.00000	Averaged	
141 Benzo(b)fluoranthene	1.41402	1.40201	1.40201	0.010	0.84974	25.00000	Averaged	
142 Benzo(k)fluoranthene	1.41243	1.43507	1.43507	0.010	-1.60311	25.00000	Averaged	
143 7,12-dimethylbenz[a]anthrac	0.62511	0.58458	0.58458	0.010	6.48431	25.00000	Averaged	
146 Benzo(a)pyrene	1.20646	1.18446	1.18446	0.010	1.82415	20.00000	Averaged	
149 Indeno(1,2,3-cd)pyrene	1.46993	1.52258	1.52258	0.010	-3.58177	25.00000	Averaged	
150 Dibenz(a,h)anthracene	1.23484	1.29521	1.29521	0.010	-4.88887	25.00000	Averaged	
151 Benzo(g,h,i)perylene	1.28348	1.33713	1.33713	0.010	-4.18034	25.00000	Averaged	

TestAmerica Pittsburgh

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: 731.i
Lab File ID: V12260CC.D
Analysis Type:
Lab Sample ID: SSTD4.0
Method: \\PITSVR06\D\chem\731.i\V122608.b\827011.m

Injection Date: 26-DEC-2008 04:19
Init. Cal. Date(s): 23-OCT-2008 23-OCT-2008
Init. Cal. Times: 00:05 04:48
Quant Type: ISTD

COMPOUND	RRF / AMOUNT	RF4	CCAL RRF4	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE
$ 154 Nitrobenzene-d5	0.27855	0.30833	0.30833	0.010	-10.69112	25.00000	Averaged
$ 155 2-Fluorobiphenyl	1.13839	1.23981	1.23981	0.010	-8.90874	25.00000	Averaged
$ 156 Terphenyl-d14	0.79168	0.79821	0.79821	0.010	-0.82512	25.00000	Averaged
$ 157 Phenol-d5	1.26916	1.37297	1.37297	0.010	-8.17946	25.00000	Averaged
$ 158 2-Fluorophenol	0.88548	1.01988	1.01988	0.010	-15.17868	25.00000	Averaged
$ 159 2,4,6-Tribromophenol	0.09403	0.07974	0.07974	0.010	15.20656	25.00000	Averaged
$ 186 2-Chlorophenol-d4	1.24345	1.31232	1.31232	0.010	-5.53880	25.00000	Averaged
$ 187 1,2-Dichlorobenzene-d4	0.97425	1.01699	1.01699	0.010	-4.38717	25.00000	Averaged

METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: C8L120342 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: C8L160000-456 **Prep Batch #...:** 8351456						
Silver	ND	5.0	ug/L	SW846 6010B	12/16-01/01/09	K4R351AA
		Dilution Factor: 1				
		Analysis Time..: 01:59		Analyst ID.....: 400491	Instrument ID..: TRA	
Aluminum	ND	200	ug/L	SW846 6010B	12/16-01/01/09	K4R351AC
		Dilution Factor: 1				
		Analysis Time..: 01:59		Analyst ID.....: 400491	Instrument ID..: TRA	
Arsenic	ND	10.0	ug/L	SW846 6010B	12/16-01/01/09	K4R351AD
		Dilution Factor: 1				
		Analysis Time..: 01:59		Analyst ID.....: 400491	Instrument ID..: TRA	
Barium	ND	200	ug/L	SW846 6010B	12/16-01/01/09	K4R351AE
		Dilution Factor: 1				
		Analysis Time..: 01:59		Analyst ID.....: 400491	Instrument ID..: TRA	
Beryllium	**0.32 B**	**4.0**	**ug/L**	**SW846 6010B**	**12/16-01/01/09**	**K4R351AF**
		Dilution Factor: 1				
		Analysis Time..: 01:59		Analyst ID.....: 400491	Instrument ID..: TRA	
Calcium	**24.7 B**	**5000**	**ug/L**	**SW846 6010B**	**12/16-01/01/09**	**K4R351AG**
		Dilution Factor: 1				
		Analysis Time..: 01:59		Analyst ID.....: 400491	Instrument ID..: TRA	
Cadmium	ND	5.0	ug/L	SW846 6010B	12/16-01/01/09	K4R351AH
		Dilution Factor: 1				
		Analysis Time..: 01:59		Analyst ID.....: 400491	Instrument ID..: TRA	
Cobalt	ND	50.0	ug/L	SW846 6010B	12/16-01/01/09	K4R351AJ
		Dilution Factor: 1				
		Analysis Time..: 01:59		Analyst ID.....: 400491	Instrument ID..: TRA	
Chromium	ND	5.0	ug/L	SW846 6010B	12/16-01/01/09	K4R351AK
		Dilution Factor: 1				
		Analysis Time..: 01:59		Analyst ID.....: 400491	Instrument ID..: TRA	
Copper	ND	25.0	ug/L	SW846 6010B	12/16-01/01/09	K4R351AL
		Dilution Factor: 1				
		Analysis Time..: 01:59		Analyst ID.....: 400491	Instrument ID..: TRA	
Iron	ND	100	ug/L	SW846 6010B	12/16-01/01/09	K4R351AM
		Dilution Factor: 1				
		Analysis Time..: 01:59		Analyst ID.....: 400491	Instrument ID..: TRA	

(Continued on next page)

METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: C8L120342 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Potassium	ND	5000	ug/L	SW846 6010B	12/16-01/01/09	K4R351AN
		Dilution Factor: 1				
		Analysis Time..: 01:59		Analyst ID.....: 400491	Instrument ID..: TRA	
Magnesium	ND	5000	ug/L	SW846 6010B	12/16-01/01/09	K4R351AP
		Dilution Factor: 1				
		Analysis Time..: 01:59		Analyst ID.....: 400491	Instrument ID..: TRA	
Manganese	ND	15.0	ug/L	SW846 6010B	12/16-01/01/09	K4R351AQ
		Dilution Factor: 1				
		Analysis Time..: 01:59		Analyst ID.....: 400491	Instrument ID..: TRA	
Sodium	ND	5000	ug/L	SW846 6010B	12/16-01/01/09	K4R351AR
		Dilution Factor: 1				
		Analysis Time..: 01:59		Analyst ID.....: 400491	Instrument ID..: TRA	
Nickel	ND	40.0	ug/L	SW846 6010B	12/16-01/01/09	K4R351AT
		Dilution Factor: 1				
		Analysis Time..: 01:59		Analyst ID.....: 400491	Instrument ID..: TRA	
Lead	ND	3.0	ug/L	SW846 6010B	12/16-01/01/09	K4R351AU
		Dilution Factor: 1				
		Analysis Time..: 01:59		Analyst ID.....: 400491	Instrument ID..: TRA	
Selenium	ND	5.0	ug/L	SW846 6010B	12/16-01/01/09	K4R351AV
		Dilution Factor: 1				
		Analysis Time..: 01:59		Analyst ID.....: 400491	Instrument ID..: TRA	
Thallium	ND	10.0	ug/L	SW846 6010B	12/16-01/01/09	K4R351AW
		Dilution Factor: 1				
		Analysis Time..: 01:59		Analyst ID.....: 400491	Instrument ID..: TRA	
Antimony	ND	10.0	ug/L	SW846 6010B	12/16-01/01/09	K4R351AX
		Dilution Factor: 1				
		Analysis Time..: 01:59		Analyst ID.....: 400491	Instrument ID..: TRA	
Vanadium	ND	50.0	ug/L	SW846 6010B	12/16-01/01/09	K4R351A0
		Dilution Factor: 1				
		Analysis Time..: 01:59		Analyst ID.....: 400491	Instrument ID..: TRA	
Zinc	**3.4 B**	**20.0**	**ug/L**	**SW846 6010B**	**12/16-01/01/09**	**K4R351A1**
		Dilution Factor: 1				
		Analysis Time..: 01:59		Analyst ID.....: 400491	Instrument ID..: TRA	

(Continued on next page)

METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: C8L120342 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: C8L300000-023 **Prep Batch #...:** 8365023						
Mercury	ND	0.20	ug/L	SW846 7470A	12/30/08	K5CAW1AD

Dilution Factor: 1
Analysis Time..: 10:06 Analyst ID.....: 031043 Instrument ID..: HGH

NOTE(S):

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

B Estimated result. Result is less than RL.

TestAmerica Pittsburgh

Metals Data Reporting Form

Initial Calibration Blank Results

Instrument: ICPST **Units:** ug/L

Chart Number: T81231A.ARC

Standard Source: _____ **Standard ID:** _____

Element	WL/ Mass	Report Limit	ICB1 12/31/2008 2:20 PM Found	Q	Found	Q	Found	Q	Found	Q	Found	Q
Aluminum	308.215	200	16.2	U								
Antimony	220.353	10	1.8	U								
Arsenic	189.042	10	2.0	U								
Barium	493.409	200	0.3	U								
Beryllium	313.042	4	0.2	U								
Cadmium	226.502	5	0.2	U								
Calcium	317.933	5000	17.7	U								
Chromium	267.716	5	1.1	U								
Cobalt	228.616	50	0.5	U								
Copper	324.753	25	4.6	U								
Iron	271.441	100	8.4	U								
Lead	220.353	3	1.7	U								
Magnesium	279.078	5000	21.8	U								
Manganese	257.61	15	0.6	U								
Nickel	231.604	40	0.8	U								
Potassium	766.491	5000	750.0	U								
Selenium	220.353	5	2.9	U								
Silver	328.068	5	0.5	U								
Sodium	330.232	5000	**-530.0**	**B**								
Thallium	190.864	10	2.8	U								
Vanadium	292.402	50	2.4	U								
Zinc	213.856	20	3.1	U								

U Result is less than the MDL
B Result is between MDL and RL

Form 3 Equivalent

TestAmerica Pittsburgh

Metals Data Reporting Form

Initial Calibration Blank Results

Instrument: ICPST **Units:** ug/L

Chart Number: T90102A.ARC

Standard Source: _____ **Standard ID:** _____

Element	WL/ Mass	Report Limit	ICB1 1/2/2009 1:27 PM Found	Q	Found	Q	Found	Q	Found	Q	Found	Q
Sodium	330.232	5000	**-420.0**	**B**								

5.22.0

U Result is less than the MDL
B Result is between MDL and RL

Form 3 Equivalent

TestAmerica Pittsburgh

Metals Data Reporting Form

Continuing Calibration Blank Result

Instrument: ICPST **Units:** ug/L

Chart Number: T81231A.ARC

Standard Source: _____ **Standard ID:** _____

Element	WL/ Mass	Report Limit	CCB1 12/31/2008 2:48 PM		CCB2 12/31/2008 3:53 PM		CCB3 12/31/2008 5:00 PM		CCB4 12/31/2008 6:05 PM		CCB5 12/31/2008 7:11 PM	
			Found	Q	Found	Q	Found	Q	Found	Q	Found	Q
Aluminum	308.215	200	16.2	U	16.2	U	16.2	U	16.2	U	16.2	U
Antimony	220.353	10	1.8	U	1.8	U	1.8	U	1.8	U	1.8	U
Arsenic	189.042	10	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U
Barium	493.409	200	0.3	U	0.3	U	0.3	U	0.3	U	0.3	U
Beryllium	313.042	4	0.2	U	0.2	U	**0.2**	**B**	**0.4**	**B**	**0.7**	**B**
Cadmium	226.502	5	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
Calcium	317.933	5000	17.7	U	17.7	U	17.7	U	17.7	U	17.7	U
Chromium	267.716	5	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U
Cobalt	228.616	50	0.5	U	**-0.5**	**B**	**-0.6**	**B**	0.5	U	**-0.6**	**B**
Copper	324.753	25	4.6	U	4.6	U	4.6	U	4.6	U	4.6	U
Iron	271.441	100	8.4	U	8.4	U	8.4	U	8.4	U	8.4	U
Lead	220.353	3	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U
Magnesium	279.078	5000	21.8	U	21.8	U	21.8	U	21.8	U	21.8	U
Manganese	257.61	15	0.6	U	0.6	U	0.6	U	0.6	U	0.6	U
Nickel	231.604	40	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U
Potassium	766.491	5000	750.0	U	750.0	U	750.0	U	750.0	U	750.0	U
Selenium	220.353	5	2.9	U	2.9	U	2.9	U	2.9	U	2.9	U
Silver	328.068	5	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Sodium	330.232	5000	**-580.0**	**B**	**-370.0**	**B**	**-310.0**	**B**	**-310.0**	**B**	**-230.0**	**B**
Thallium	190.864	10	2.8	U	2.8	U	2.8	U	2.8	U	2.8	U
Vanadium	292.402	50	2.4	U	2.4	U	2.4	U	2.4	U	2.4	U
Zinc	213.856	20	3.1	U	3.1	U	3.1	U	3.1	U	3.1	U

U Result is less than the MDL
B Result is between MDL and RL

Form 3 Equivalent

TestAmerica Pittsburgh

Metals Data Reporting Form

Continuing Calibration Blank Result

Instrument: ICPST **Units:** ug/L

Chart Number: T81231A.ARC

Standard Source: _____ **Standard ID:** _____

Element	WL/ Mass	Report Limit	CCB6 12/31/2008 8:17 PM Found	Q	CCB7 12/31/2008 9:23 PM Found	Q	CCB8 12/31/2008 10:29 PM Found	Q	CCB9 12/31/2008 11:35 PM Found	Q	CCB10 1/1/2009 12:42 AM Found	Q
Aluminum	308.215	200	16.2	U	16.2	U	16.2	U	16.2	U	16.2	U
Antimony	220.353	10	1.8	U	1.8	U	1.8	U	1.8	U	1.8	U
Arsenic	189.042	10	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U
Barium	493.409	200	0.3	U	0.3	U	0.3	U	0.3	U	0.3	U
Beryllium	313.042	4	**0.7**	**B**	**0.4**	**B**	**0.4**	**B**	**0.3**	**B**	**0.5**	**B**
Cadmium	226.502	5	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
Calcium	317.933	5000	17.7	U	17.7	U	17.7	U	17.7	U	17.7	U
Chromium	267.716	5	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U
Cobalt	228.616	50	0.5	U	0.5	U	0.5	U	**-0.7**	**B**	0.5	U
Copper	324.753	25	4.6	U	4.6	U	4.6	U	4.6	U	4.6	U
Iron	271.441	100	8.4	U	8.4	U	8.4	U	8.4	U	8.4	U
Lead	220.353	3	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U
Magnesium	279.078	5000	21.8	U	21.8	U	21.8	U	21.8	U	21.8	U
Manganese	257.61	15	0.6	U	0.6	U	0.6	U	0.6	U	0.6	U
Nickel	231.604	40	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U
Potassium	766.491	5000	750.0	U	750.0	U	750.0	U	750.0	U	750.0	U
Selenium	220.353	5	2.9	U	2.9	U	2.9	U	2.9	U	2.9	U
Silver	328.068	5	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Sodium	330.232	5000	**-440.0**	**B**	**-440.0**	**B**	**-490.0**	**B**	**-440.0**	**B**	**-480.0**	**B**
Thallium	190.864	10	2.8	U	2.8	U	**2.8**	**B**	2.8	U	2.8	U
Vanadium	292.402	50	2.4	U	2.4	U	2.4	U	2.4	U	2.4	U
Zinc	213.856	20	3.1	U	3.1	U	**5.6**	**B**	3.1	U	3.1	U

U Result is less than the MDL
B Result is between MDL and RL

Form 3 Equivalent

TestAmerica Pittsburgh

Metals Data Reporting Form

Continuing Calibration Blank Result

Instrument: ICPST **Units:** ug/L

Chart Number: T81231A.ARC

Standard Source: _____ **Standard ID:** _____

Element	WL/ Mass	Report Limit	CCB11 1/1/2009 1:48 AM Found	Q	CCB12 1/1/2009 2:54 AM Found	Q	CCB13 1/1/2009 4:00 AM Found	Q	Found	Q	Found	Q
Aluminum	308.215	200	16.2	U	16.2	U	16.2	U				
Antimony	220.353	10	1.8	U	1.8	U	1.8	U				
Arsenic	189.042	10	2.0	U	2.0	U	2.0	U				
Barium	493.409	200	0.3	U	0.3	U	0.3	U				
Beryllium	313.042	4	**0.2**	**B**	**0.2**	**B**	**0.4**	**B**				
Cadmium	226.502	5	0.2	U	0.2	U	0.2	U				
Calcium	317.933	5000	17.7	U	17.7	U	17.7	U				
Chromium	267.716	5	1.1	U	1.1	U	1.1	U				
Cobalt	228.616	50	**-0.6**	**B**	0.5	U	**-0.7**	**B**				
Copper	324.753	25	4.6	U	4.6	U	4.6	U				
Iron	271.441	100	8.4	U	8.4	U	8.4	U				
Lead	220.353	3	1.7	U	1.7	U	1.7	U				
Magnesium	279.078	5000	21.8	U	21.8	U	21.8	U				
Manganese	257.61	15	0.6	U	0.6	U	0.6	U				
Nickel	231.604	40	0.8	U	**-1.0**	**B**	0.8	U				
Potassium	766.491	5000	750.0	U	750.0	U	750.0	U				
Selenium	220.353	5	2.9	U	2.9	U	2.9	U				
Silver	328.068	5	0.5	U	0.5	U	0.5	U				
Sodium	330.232	5000	**-410.0**	**B**	**-570.0**	**B**	**-430.0**	**B**				
Thallium	190.864	10	2.8	U	2.8	U	2.8	U				
Vanadium	292.402	50	2.4	U	2.4	U	2.4	U				
Zinc	213.856	20	3.1	U	3.1	U	3.1	U				

U Result is less than the MDL

B Result is between MDL and RL

Form 3 Equivalent

TestAmerica Pittsburgh

Metals Data Reporting Form

Continuing Calibration Blank Result

Instrument: ICPST **Units:** ug/L

Chart Number: T90102A.ARC

Standard Source: **Standard ID:**

Element	WL/ Mass	Report Limit	CCB1 1/2/2009 1:55 PM Found	Q	CCB2 1/2/2009 2:33 PM Found	Q	Found	Q	Found	Q	Found	Q
Sodium	330.232	5000	**-490.0**	**B**	**-400.0**	**B**						

5.22.0

U Result is less than the MDL

B Result is between MDL and RL

Form 3 Equivalent

TestAmerica Pittsburgh

Metals Data Reporting Form

Instrument Detection Limits

Instrument: ICPST **Units:** ppb

Element	Wavelength	Reporting Limit	MDL	Date of MDL
Aluminum	308.215	200.0 20	14.2	3/23/2007
Antimony	220.353	10.0 1	0.92	3/23/2007
Arsenic	189.042	10.0 1	2.3	3/23/2007
Barium	493.409	200.0 20	0.36	3/23/2007
Beryllium	313.042	4.0 0.4	0.31	3/23/2007
Cadmium	226.502	5.0 0.5	0.47	3/23/2007
Calcium	317.933	* 6000.0 500	251	3/23/2007
Chromium	267.716	5.0 0.5	0.82	3/23/2007
Cobalt	228.616	50.0 5	0.43	3/23/2007
Copper	324.753	25.0 2.5	1.4	3/23/2007
Iron	271.441	100.0 10	30.0	3/23/2007
Lead	220.353	3.0 0.3	1.6	3/23/2007
Magnesium	279.078	5000.0 500	13.1	3/23/2007
Manganese	257.610	15.0 1.5	0.27	3/23/2007
Nickel	231.604	40.0 4	1.0	3/23/2007
Potassium	766.491	5000.0 500	500	3/23/2007
Selenium	220.353	5.0 0.5	2.9	3/23/2007
Silver	328.068	* 200.0 0.5	0.37	3/23/2007
Sodium	330.232	5000.0 500	139	3/23/2007
Thallium	190.864	10.0 1	3.2	3/23/2007
Vanadium	292.402	50.0 5	2.6	3/23/2007
Zinc	213.856	20.0 2	3.5	3/23/2007

TestAmerica Pittsburgh

Metals Data Reporting Form

Instrument Detection Limits

Instrument: CVAA **Units:** ppb

Element	Wavelength	Reporting Limit	MDL	Date of MDL
Mercury	253.700	0.2	0.043	3/15/2007

0.03

Appendix C

NYSDEC Category B ASP Data Package – June 2009 (CD-ROM)