TASK 210 Subsurface Site Investigation

New Britain to Hartford Busway
Sigourney Street Station
25 to 35 Hawthorn Street
Hartford, Connecticut

Prepared for:
Division of Environmental Compliance
Connecticut Department of Transportation
2800 Berlin Turnpike
Newington, CT 06111

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ON-CALL ENVIRONMENTAL SERVICES
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DTC Project No. 09-188-02E

DIVERSIFIED TECHNOLOGY CONSULTANTS, INC.
HAMDEN, CT ANDOVER, MA

SIGNATURE PAGE

TASK 210 SUBSURFACE SITE INVESTIGATION

NEW BRITAIN TO HARTFORD BUSWAY PROJECT

SIGOURNEY STREET STATION

25 TO 35 HAWTHORN STREET

HARTFORD, CONNECTICUT

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1.0 INTRODUCTION

Diversified Technology Consultants, Inc. (DTC) was retained by the State of Connecticut Department of Transportation (ConnDOT) to conduct a Task 210 Subsurface Site Investigation (SSI) at the site of the proposed Sigourney Street Station for the New Britain to Hartford Busway Project. ConnDOT is proposing to construct a bus station in the former Aetna Insurance Company parking lot known as 25 to 35 Hawthorn Street located on the southern side of Hawthorn Street, to the west of Sigourney Street (Figure 1). The Task 210 SSI was limited to the areas that will be impacted by construction activities associated with the proposed busway station. This report provides a brief description and environmental history of the site, a discussion of the local environment and receptors, the investigation rationale, a summary of the data obtained during the investigation, an interpretation of the results with respect to the appropriate regulatory criteria, and recommendations.

1.1 Background and Purpose

The project site is owned by the State of Connecticut and comprises an asphalt-paved parking lot utilized by the nearby Aetna Insurance Company.

The SSI included the advancement of eight soil borings in order to collect soil and groundwater grab samples, analysis of seventeen soil samples and three groundwater samples, and analysis of a field blank water sample and trip blank water sample for Quality Assurance/Quality Control (QA/QC) purposes.

The purpose of this SSI is to evaluate current conditions at the site and to identify the presence and location of subsurface contamination prior to the proposed construction activities.

1.2 Previous Environmental Reports

Tetra Tech Rizzo (TTR) completed a draft Task 210 SSI report for the project area in December 2009 that identified Low-Level Areas of Environmental Concern (LLAOECS) along the northern and southern sides of Hawthorn Street and the western side of Sigourney Street. The low-level impacts along Hawthorn Street involved petroleum hydrocarbons and Polynuclear aromatic hydrocarbons (PAHs) at depths ranging from 1.5 to 8 feet below grade. The Sigourney Street low-level impacts involved petroleum hydrocarbons at a depth ranging from 1 to 4 feet below grade. Copies of Tetra Tech Rizzo's data tables summarizing the analytical results and a plan showing the TTR soil boring locations are included in Appendix C of this report. The purpose of this Task 210 investigation was to investigate the proposed station parcel and drainage structures that were not previously investigated by TTR.

1.3 Scope of Work

DTC completed this Task 210 SSI in accordance with DTC's Task 210 Work Plan, dated June 28, 2010. The Task 210 SSI activities were designed based on the proposed activities for the property, as described above.

The scope of work for this Task 210 SSI included the following tasks:

- Pre-drilling activities, including: (1) marking proposed drilling locations and (2) contacting Call-Before-You-Dig to request mark outs of publicly-owned utilities;
- Completion of eight soil borings using a truck-mounted Geoprobe® direct push drill-rig;
- Recording lithology and field screening soil samples with a photoionization detector (PID);

- Collection and laboratory analysis of 17 soil samples for one or more of the following:
  - Volatile organic compounds (VOCs) by EPA Method 8260;
  - Extractable total petroleum hydrocarbons (ETPH) by Connecticut DEP method;
  - Polychlorinated biphenyls (PCBs) by EPA Method 8082;
  - Polynuclear aromatic hydrocarbons (PAHs) by EPA Method 8270;
  - Total metals (arsenic, cadmium, chromium, mercury, and lead); and
  - Leachable metals (cadmium, chromium, lead, mercury) by the Synthetic Precipitation Leaching Procedure (SPLP).
- Collection and laboratory analysis of two groundwater grab samples for VOCs by EPA Method 8260, petroleum hydrocarbons by ETPH, PAHs by EPA Method 8270, PCBs by EPA 8082, and total metals (arsenic, cadmium, chromium, mercury, and lead).

2.0 LOCAL ENVIRONMENT AND RECEPTORS

2.1 Surficial Geology

According to the CTDEP's "Environmental GIS Data for Connecticut" (updated to August 12, 2010), the surficial deposits underlying the site consist of fine deposits (silts and clays).

Based on soil samples observed during the soil boring advancement activities, surficial materials at the site consist of fill comprised of ash and cinders underlain by sand and silt. Boring logs are included as Appendix A.

2.2 Bedrock Geology

According to the "Bedrock Geology Map of Connecticut" (Rodgers, 1985), the site is described as underlain by Portland Arkose; a red-brown arkosic sandstone. No bedrock outcrops were observed at the site.

2.3 Groundwater

The CTDEP's "Environmental GIS Data for Connecticut" (updated to August 12, 2010) depicts the groundwater classification for the site area as "GB", which indicates that the site is located within a historically urbanized area or an area of intense industrial activity where a public water supply service is available. Such groundwater may not be suitable for human consumption without treatment due to waste discharges, spills or leaks of chemicals, and land use impacts.

Based on the site's location (the Park River is located approximately 750 to the east), groundwater likely flows in an easterly/southeasterly direction. It should be noted that the groundwater flow direction may vary depending on season, precipitation, bedrock, and the presence of subsurface structures and impervious surfaces.

During drilling activities for this Task 210 SSI, the groundwater table beneath the site was encountered at approximately 9 feet below grade. However, groundwater recharge rates were very slow due to the tight, silty soil.

2.4 Surface Water

The Park River lies approximately 750 east of the site. According to the above referenced DEP GIS data, the South Branch of the Park River is classified as a class "C/B" surface water body. Class "C/B" surface water is not considered suitable for one or more Class "B" uses, which include certain fish and wildlife habitat, industrial uses, and navigation, due to pollution.

2.5 Drinking Water Supply

The Metropolitan District Commission (MDC) provides public water service to the site area.

3.0 FIELD INVESTIGATION AND SAMPLING METHODS

This Task 210 SSI included the completion of eight soil borings and the collection and laboratory analysis of 17 soil samples and 3 groundwater samples.

DTC subcontracted Logical Environmental Solutions, LLC (LES) of Tolland, Connecticut to advance the soil borings using a truck-mounted Geoprobe® direct push drill rig. The subsurface exploration program was completed on July 1, 2010.

The locations of the soil borings are depicted on Figure 2.

Soil samples were analyzed for the following parameters: VOCs, ETPH, PCBs, PAHs, total metals (arsenic cadmium, chromium, mercury, and lead), and leachable metals (cadmium, chromium, lead, and mercury) by SPLP. The groundwater samples were analyzed for VOCs, ETPH, PAHs, PCBs, and total metals (arsenic cadmium, chromium, mercury, and lead). Tables 1 and 2 provide a summary of the results of the laboratory analyses conducted on the soil and groundwater samples. The following sections summarize the field investigation and sampling methodologies used during this investigation.

3.1 Soil Boring Advancement and Sampling

Eight soil borings, identified as SSB-1 through SSB-8, were completed within the proposed construction limits of the Sigourney Street station utilizing a truck-mounted Geoprobe® rig to a depth of 12 feet below grade. Continuous soil samples were obtained using a four-foot macro core sampling device with dedicated PVC sample liners. The macro core sample liner was opened along its long axis to allow inspection, description of lithology, and sampling of the soil core.

A representative portion of each 4-foot long soil core was immediately collected by the DTC field scientist and field screened with a PID. The PID was equipped with a 10.6 eV bulb and was calibrated to isobutylene standard gas (100 parts per million). The results of the PID screening are provided on the soil boring logs, which are included as Appendix A.

Two soil samples per boring, plus one duplicate soil sample from SSB-3, were submitted to Spectrum Analytical, Inc. (Spectrum) of Agawam, MA, a State of Connecticut Department of Public Health certified environmental testing laboratory, using proper preservation techniques and chain of custody control.

3.2 Groundwater Grab Sample Collection

Three groundwater grab samples, identified as SSB-4 GW, SSB-4 GW DUP, and SSB-6 GW, were collected from two borings (SSB-4 and SSB-6) where sufficient groundwater was encountered for sampling. The groundwater grab samples were collected by temporarily installing ½-inch PVC screen into the open borehole. Dedicated polyethylene tubing was placed down the well screen and the groundwater was pumped to the surface utilizing a variable speed peristaltic pump with dedicated neoprene tubing. Prior to sampling, the well was purged at a low-flow volume rate until all visible sediment was removed from the temporary well. The groundwater was then pumped at a low-flow volume rate into pre-preserved sample containers provided by the laboratory. Upon collection, the groundwater samples were immediately placed in a cooler with ice. The samples were submitted to Spectrum using proper preservation techniques and chain of custody control.

4.0 REGULATORY CRITERIA

The analytical results were compared to the numeric criteria listed in the Connecticut DEP Remediation Standard Regulations (RSRs), sections 22a-133k-1 through 22a-133k-3 of the Regulations of Connecticut State Agencies dated January 1996, and the DEP Comprehensive List of Approved Additional Polluting Substances Criteria and Alternative Criteria, dated October 24, 2005.

The RSRs were developed by the DEP to define the remediation performance standards for soil and groundwater, specific numeric cleanup criteria, and processes for establishing alternative site-specific standards. The RSRs apply specifically to sites at which remedial actions are required by the DEP under Chapters 445 or 446k of the Connecticut General Statutes (CGS) such as under an administrative order, subsequent to a transfer of an establishment under CGS Section 22a-134a, and to sites that are enrolled in a Voluntary Remediation Program under CGS Sections 22a-133x or 22a-133y.

The subject site is not currently regulated under any of these State statutes. However, DTC used the numeric criteria in the RSRs as guidelines to assess the site and to make conclusions regarding concentrations of regulated compounds detected in soil and groundwater. The following sections provide a brief summary of the soil and groundwater criteria utilized during this Task 210 SSI.

As the site is currently vacant, DTC compared the soil and groundwater analytical results to criteria that are applicable to a residential site located in an area with "GB" classified groundwater. In addition, DTC compared the concentrations of contaminants detected in the site groundwater to the limits listed in the DEP General Permit for the Discharge of Groundwater Remediation Wastewater Directly to Surface Water, Appendix A - Toxic and Hazardous Pollutants and their Maximum Concentrations.

4.1 Soil Criteria

Direct Exposure Criteria (DEC)

The DEC are designed to protect human health from risks associated with exposure to pollutants in contaminated soil within 15 feet of the ground surface. For this site, the soil analytical results were compared to the RES DEC.

Pollutant Mobility Criteria (PMC)

The PMC are designed to protect groundwater quality by reducing or eliminating the potential for migration of pollutants to groundwater from contaminated soil. The RSRs provide two sets of PMC based on the groundwater classification of the site, as designated by DEP. In a "GB" groundwater classification area, the GB PMC apply to soil located from the ground surface to the depth of the seasonal high water table.

4.2 Groundwater Criteria

Surface Water Protection Criteria (SWPC)

The SWPC apply to groundwater that discharges to surface water. The goal of the SWPC is to preserve surface water quality to protect both human health and the environment. Groundwater at the site likely discharges to the Park River. Therefore, DTC compared the groundwater analytical results to the SWPC.

Groundwater Volatilization Criteria (GWVC)

The GWVC are designed to protect human health from contaminants that may volatilize from contaminated groundwater into overlying buildings. For this site, the groundwater analytical results were compared to the RES GWVC.

Groundwater Remediation Wastewater Discharge Directly to Surface Water Permit Limits

The DEP has developed maximum concentrations for certain contaminants that can be discharged to a non-AA classified surface water body under the DEP General Permit for the Discharge of Groundwater Remediation Wastewater Directly to Surface Water. Appendix A of the permit application outlines the maximum concentrations that are allowed if the Contractor submits a General Permit Registration to discharge potentially contaminated groundwater directly to surface water during the construction phase of the project.

5.0 SUMMARY AND EVALUATION OF ANALYTICAL DATA

5.1 Soil Sample Analytical Results

Soil analytical results are summarized in Table 1, along with the regulatory criteria. The soil analytical laboratory reports are included in Appendix B. The soil analytical results are discussed below.

ETPH

All 17 soil samples were analyzed for petroleum hydrocarbons utilizing the ETPH method. Petroleum hydrocarbons were detected in the soil samples at concentrations ranging from Below Reporting Limits (BRL) to 761 parts per million (ppm). The SSB-2 (2-4') sample (761 ppm) contained petroleum hydrocarbons at a concentration that exceeds the Residential DEC of 500 ppm. No other soil sample contained petroleum hydrocarbons at concentrations that exceed any applicable RSR criteria.

Volatile Organic Compounds (VOCs)

All 17 soil samples were analyzed for VOCs. Very low concentrations of the VOCs acetone, methyl tertiary butyl ether (MTBE), and naphthalene were detected in the soil samples collected from borings SSB-1, SSB-6, SSB-7, and SSB-8. However, none of the VOC concentrations detected exceed any applicable RSR criteria.

PAHs

All 17 soil samples were analyzed for PAHs. Varying concentrations of PAHs were detected in the soil samples throughout the project area. The SSB-1 (2-4') sample contained the PAHs benzo(a)anthracene (1.48 ppm), benzo(a)pyrene (1.19 ppm), benzo(k)fluoranthene (1.06 ppm), and chrysene (1.45 ppm) at concentrations that exceed their respective Residential DEC, Commercial/Industrial DEC, and GB PMC. The SSB-2 (2-4') sample contained the PAHs benzo(a)anthracene (14.0 ppm), benzo(a)pyrene (14.3 ppm), benzo(b)fluoranthene (14.3 ppm), benzo(k)fluoranthene (11.6 ppm), chrysene (14.2 ppm), dibenz(a,h)anthracene (1.83 ppm), and indeno(1,2,3-cd)pyrene (7.74 ppm) at concentrations that exceed their respective Residential DEC, Commercial/Industrial DEC, and GB PMC. Also, the SSB-6 (2-4') sample contained the PAHs benzo(a)anthracene (1.75 ppm), benzo(a)pyrene (1.34 ppm), benzo(b)fluoranthene (1.12 ppm), benzo(k)fluoranthene (1.27 ppm), and chrysene (1.79 ppm) at concentrations that exceed their respective Residential DEC, Commercial/Industrial DEC, and GB PMC. No other soil sample contained PAHs at concentrations that exceed any applicable RSR criteria.

PCBs

All 17 soil samples were analyzed for PCBs. None of the soil samples contained detectable concentrations of PCBs.

Metals

All 17 soil samples were analyzed for total metals including arsenic, cadmium, chromium, mercury, and lead. None of the soil samples contained total metals at concentrations that exceed any applicable RSR criteria.

Based upon the results of the total metals analyses, selected soil samples were also analyzed for leachable cadmium, chromium, lead, and mercury. The SSB-8 (2-4') sample contained leachable lead (0.245 ppm) at a concentration that exceeds the GB PMC of 0.15 ppm. No other soil sample contained leachable metals at concentrations that exceed any applicable RSR criteria.

5.2 Groundwater Sample Analytical Results

Three groundwater samples denoted as SSB-4 GW, SSB-4 GW DUP, and SSB-6 GW were submitted for laboratory analysis for VOCs, ETPH, PAHs, PCBs, and total metals (arsenic, cadmium, chromium, mercury, and lead). Groundwater analytical results are summarized in Table 2, along with the regulatory criteria. The groundwater laboratory analytical report is included as Appendix B. The groundwater analytical results are summarized below.

ETPH

The SSB-6 GW sample contained petroleum hydrocarbons at a concentration of 1.8 ppm, which does not exceed any applicable RSR or discharge permit criteria. The SSB-4 GW and SSB-4 GW DUP samples did not contain petroleum hydrocarbons.

Volatile Organic Compounds (VOCs)

The SSB-4 GW and SSB-4 GW DUP samples did not contain detectable concentrations of VOCs. The SSB-6 GW sample contained the VOC carbon disulfide at a concentration of 21.7 ppb, which does not exceed any applicable RSR or discharge permit criteria.

PAHs

The SSB-6 GW sample contained low concentrations of various PAHs with the total PAH concentration of 1.147 parts per billion (ppb). None of the PAHs detected exceed any applicable RSR or discharge permit criteria. The SSB-4 GW and SSB-4 GW DUP samples did not contain detectable concentrations of PAHs.

PCBs

None of the groundwater samples contained detectable concentrations of PCBs.

Metals

The SSB-4 GW and SSB-4 GW DUP samples did not contain detectable concentrations of total metals. The SSB-6 GW sample contained total chromium at a low concentration of 7.6 ppb, which does not exceed any applicable RSR or discharge permit criteria.

5.3 Quality Assurance (QA)/Quality Control (QC) Results

Soil

As part of the QA/QC protocol, DTC submitted a duplicate soil sample (SSB-3 4'-8' DUP) for laboratory analyses. The results of the SSB-3 (4-8') and SSB-3 4'-8' DUP samples were comparable and within acceptable QA/QC ranges. In addition, DTC thoroughly reviewed the QA/QC report included with the laboratory analytical report to evaluate the reliability of the analytical data. Based on the information provided in the laboratory QA/QC report, the analytical data appear to be reliable. Please refer to the analytical report for a detailed narrative discussion of the reliability of the data.

Groundwater

As part of the QA/QC protocol, DTC submitted a duplicate groundwater sample (SSB-4 GW DUP) for laboratory analyses. The results of the SSB-4 GW and SSB-4 GW DUP samples were comparable and within acceptable QA/QC ranges.

A field blank was collected by DTC during drilling activities. The field blank was collected by pouring laboratory supplied de-ionized water through a clean macro core liner and cutting shoe and collecting the rinsate in the appropriate sample containers. The purpose of the field blank sample is to evaluate the potential for contaminants to be introduced by the drilling tools and equipment during drilling activities. The field blank sample (FB-1) was analyzed for VOCs, ETPH, PAHs, PCBs, and total metals (arsenic, cadmium, chromium, lead, and mercury). No contaminants were detected in the field blank sample, indicating that no contaminants were likely introduced during the drilling activities.

In addition, a trip blank sample (TB-1) was prepared at the laboratory and accompanied the sample containers from the laboratory, to the site, and back to the laboratory. The purpose of the trip blank sample is to evaluate the potential for cross-contamination during transport. The trip blank sample was analyzed for VOCs. VOCs were not detected in the sample, indicating that there was likely no cross-contamination of the samples during transport.

6.0 CONCLUSIONS AND RECOMMENDATIONS

6.1 Conclusions

As noted in Section 1.1, the purpose of this Task 210 SSI was to collect soil and groundwater samples, to use the soil and groundwater analytical data from the borings to evaluate current conditions at the site, and to identify the presence and location of subsurface contamination prior to the proposed construction activities.

The Task 210 SSI activities completed by DTC on July 1 , 2010 included the completion of eight soil borings, and collection and laboratory analysis of 17 soil and three groundwater grab samples. The Task 210 provided information for areas of proposed drainage structures not investigated by TTR's Task 210 SSI completed in December 2009.

The soil samples collected as part of the Task 210 SSI were analyzed for the following: VOCs, ETPH, PAHs, PCBs, total metals (arsenic, cadmium, chromium, mercury, and lead), and leachable metals (cadmium, chromium, lead, and mercury) by SPLP. The groundwater samples were analyzed for VOCs, ETPH, PAHs, PCBs, and total metals (arsenic, cadmium, chromium, mercury, and lead).

Based on the findings of this Task 210 SSI, as well as the results of the previous December 2009 Task 210, DTC indentified two (2) Areas of Environmental Concern (AOECs) where contaminants are present in the soil at concentrations that exceed applicable DEP RSR criteria. In addition, a large portion of the project site would be considered a Low-Level Area of Environmental Concern (LLAOEC), where contaminants were detected at concentrations below applicable RSR criteria, but above laboratory detection limits. Groundwater was not impacted with contaminants at concentrations that would require special handling during the construction phase of the project.

The following summarizes the locations of the soil AOECs and LLAOEC within the project area.

Soil Area of Environmental Concern

AOEC #1: Borings SSB-1, SSB-2, SSB-6

The analytical results from the soil samples collected from borings SSB-1, SSB-2, and SSB-6 indicate the presence of petroleum hydrocarbons and PAHs at slightly elevated concentrations in soil ranging from 2 to 4 feet below grade. The contamination detected exceeds the GB PMC, Residential DEC, and Commercial/Industrial DEC.

AOEC #2: Boring SSB-8

The analytical results from the soil sample collected from boring SSB-8 indicate the presence of leachable lead at elevated concentrations in soil ranging from 2 to 4 feet below grade. The contamination detected exceeds the GB PMC.

Low Level Area of Environmental Concern

Borings RSB-2, RSB-3, RSB-8, RSB-10, RSB-11, SSB-3, SSB-4, SSB-5, SSB-7

The analytical results from the above locations indicate the presence of VOCs, petroleum hydrocarbons, and PAHs at low concentrations that do not exceed any applicable RSR criteria.

The contamination was detected in soil ranging from 1 to 8 feet below grade. Based upon this, these areas have been designated as a Low Level Area of Environmental Concern. This includes the areas investigated by Tetra Tech Rizzo in December 2009. Copies of TTR's data tables summarizing their analytical results and a plan showing their soil boring locations are included in Appendix C of this report.

6.2 Recommendations

DTC does not recommend additional soil or groundwater investigations at this time. The soil and groundwater results have established the current conditions at the site and identified areas where contamination is present. Based upon the results of this investigation, as well as TTR's December 2009 investigation, DTC recommends that a Task 310 Plans and Specifications be prepared to address the construction activities within the Areas of Environmental Concern and Low Level Area of Environmental Concern discussed above.

7.0 LIMITATIONS

All work product and reports provided in connection with the performance of this Task 210 SSI are subject to the following limitations:

This investigation and report were conducted and prepared on behalf of and for the exclusive use of ConnDOT.

The observations, findings, and conclusions provided in this report were based on DTC's observations of the site conditions at the time of the investigation.

The conclusions summarized herein are based on the observations and investigations described within this report. Future events at the site or surrounding properties may alter these findings.

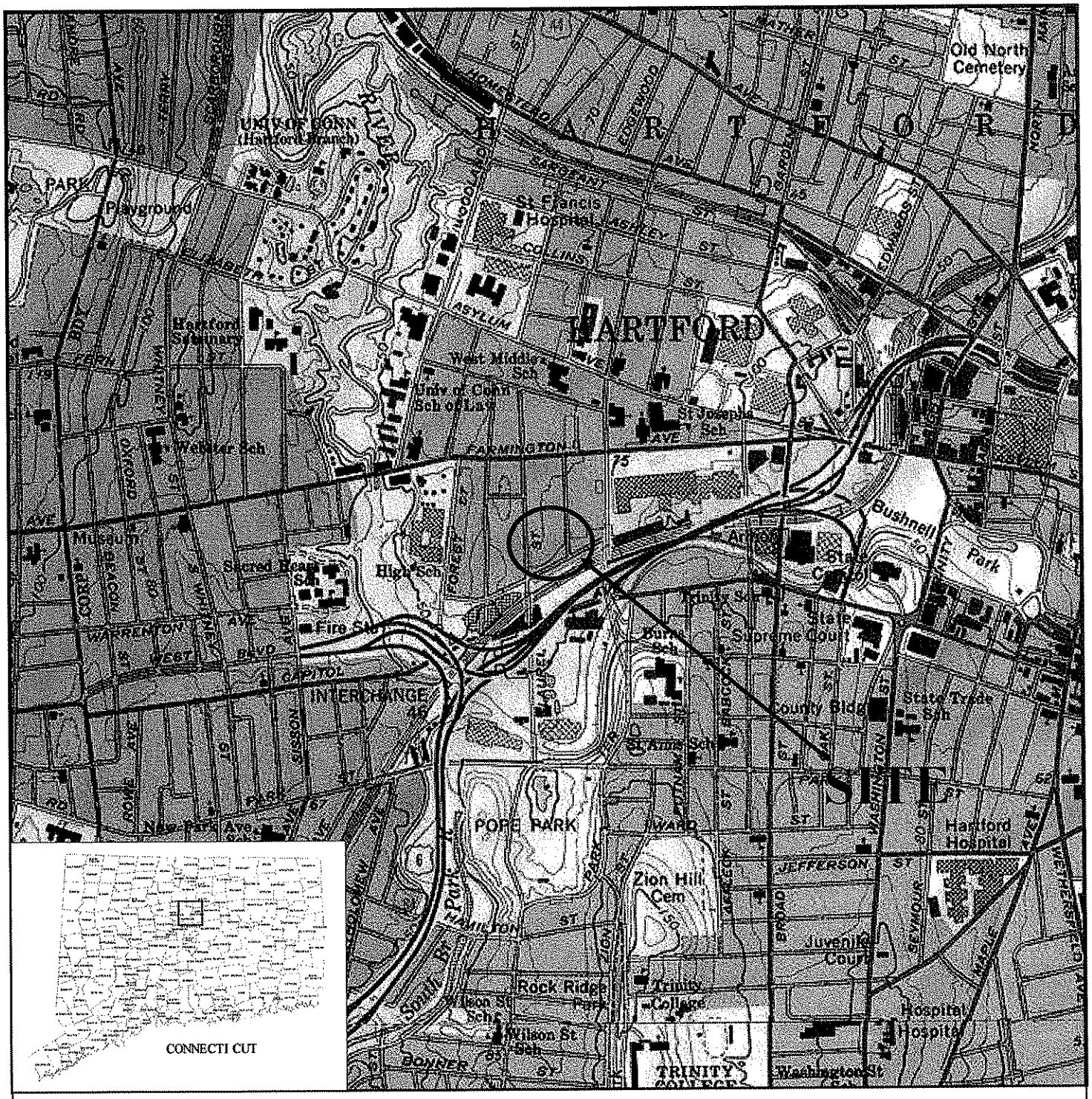
In completing this Task 210 SSI, DTC has relied upon information provided by subcontractors (i.e. laboratories and drilling contractors). DTC has relied upon this information carefully; however, DTC provides no warranty regarding the accuracy and completeness of the information provided.

DTC has performed this study in a professional manner using a degree of skill and care exercised for similar projects under similar conditions by reputable and competent environmental consultants. The conclusions provided by DTC are based solely on the scope of work conducted and on observations and limited explorations described within this report at the time these services were conducted. No other warranty, expressed or implied, is made as to the professional opinions included by DTC in this report.

8.0 REFERENCES

1. State of Connecticut Department of Environmental Protection (DEP), Remediation Standard Regulations, Sections 22a-133k-1 through –3 of the Regulations of Connecticut State Agencies, effective January 30, 1996. Proposed Revisions, Connecticut's Remediation Standard Regulations, Volatilization Criteria, dated March 2003.
2. DEP, "Comprehensive List of Approved Additional Polluting Substances Criteria and Alternative Criteria", dated October 24, 2005.
3. DEP, "Regulated Criteria Summary Table", CTDEP website, October 11, 2007.
4. DEP, "Environmental GIS Data", updated August 12, 2010.
5. State of Connecticut Department of Transportation, Division of Environmental Compliance, "On-Call Contaminated Soil/Groundwater Scopes" manual, dated 2003.
6. Rogers, J. "Connecticut Bedrock and Natural History Survey", Connecticut Geological and Natural History Survey, Department of the Interior United States Geological Survey, 1985.
7. Tetra Tech Rizzo, "Draft Task 210 – Subsurface Site Investigation, Sigourney and Hawthorn Intersection (Bus Station), Hartford, Connecticut," Dated December 2009.

FIGURES



ConnDOT PROJECT No. 171-305
NEW BRITAIN TO HARTFORD BUSWAY
SIGOURNEY STREET STATION
HARTFORD, CONNECTICUT

DTC Project No: 09-188-02E
September 2010

Hartford North Quadrangle No.37
1:24,000

Figure 1

Diversified Technology Consultants, Inc.
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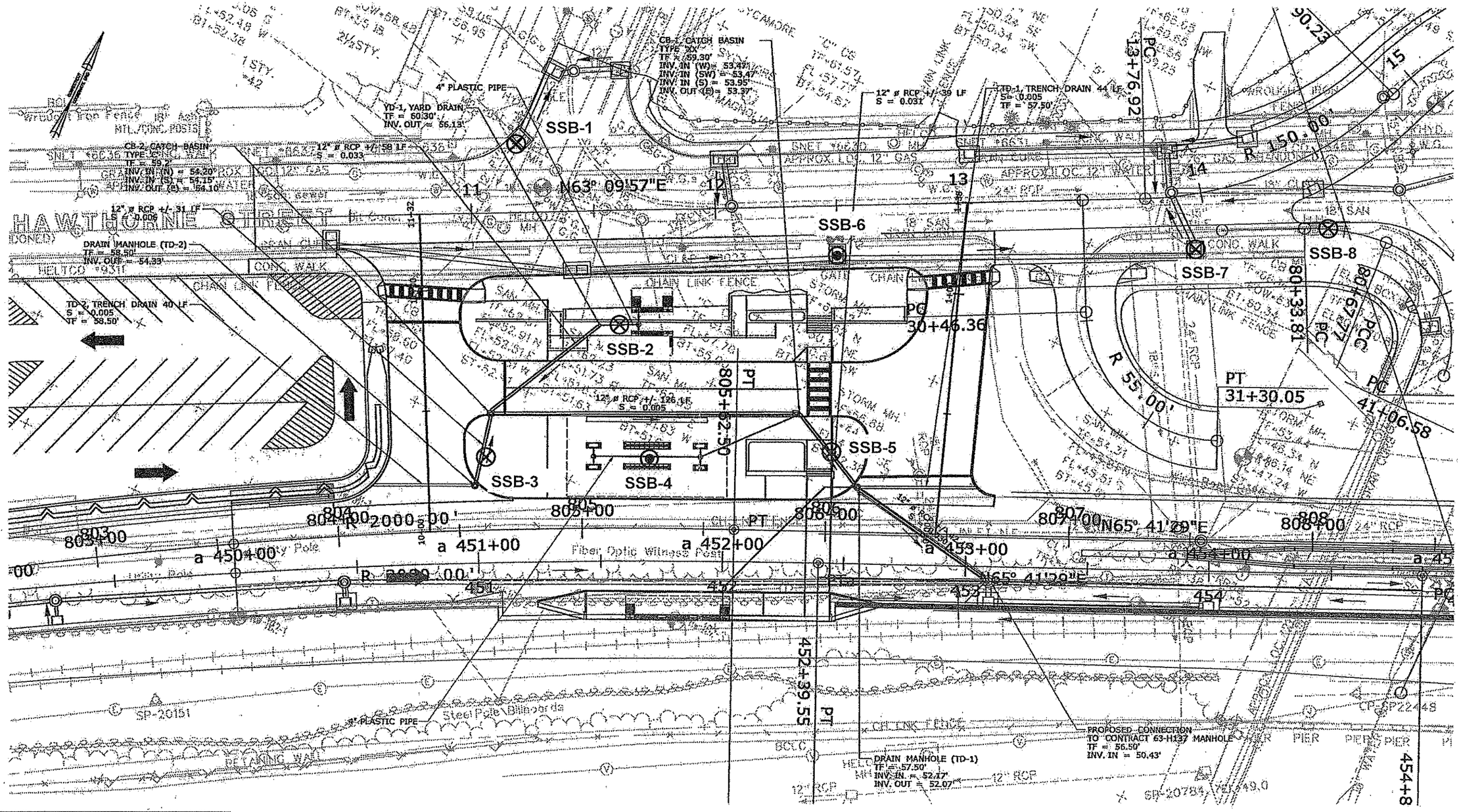
Andover, MA



LEGEND

⊗ Soil Boring Location

◉ Soil Boring Location with GW Grab Sample

THE INFORMATION, INCLUDING ESTIMATED QUANTITIES OF WORK SHOWN ON THESE SHEETS IS BASED ON LIMITED INVESTIGATIONS BY THE STATE AND IS IN NO WAY WARRANTED TO INDICATE THE CONDITIONS OF ACTUAL QUANTITIES OF WORK WHICH WILL BE REQUIRED.

Plotted Date: 4/28/2010

DESIGNER/DRAFTER:

CHECKED BY:

SCALE IN FEET 0 20 40

SCALE 1"=20'

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

Filename: ...\FD_MSH_DRG_68H039_SIGOURNEY.dgn

DIVERSIFIED TECHNOLOGY CONSULTANTS, INC.

SIGNATURE/BLOCK:

PROJECT TITLE:

SEMI FINAL DESIGN REVIEW

FIGURE 2 - Task 210 Sampling Locations
New Britain to Hartford Busway Project
Sigourney Street Station - 25 to 35 Hawthorn Street
Hartford, Connecticut

TABLES

TABLE 1 - Soil Sample Analytical Results
New Britain-Hartford Busway: Sigourney Street Station
25 to 35 Hawthorn Street
Hartford, Connecticut

Sample I.D.	SSB-1		SSB-2		PMC GB Groundwater Area	DEC Residential/ Commercial & Industrial
Sample Depth	2'-4'	4'-8'	2'-4'	4'-8'		
CT ETPH - (ppm)	209	BRL	***761***	BRL	2,500 ppm	**500**/2,500 ppm
VOCs - Method 8260 (ppm)						
Acetone	BRL	0.224	BRL	BRL	140 ppm	500/1,000 ppm
Naphthalene	0.0152	BRL	BRL	BRL	56 ppm	1,000/2,500 ppm
PAHs - Method 8270 (ppm)						
Acenaphthene	0.23	BRL	BRL	BRL	84 ppm	1,000/2,500 ppm
Acenaphthylene	0.641	BRL	4.06	BRL	84 ppm	1,000/2,500 ppm
Anthracene	0.708	BRL	4.71	BRL	400 ppm	1,000/2,500 ppm
Benzo(a)anthracene	***1.48***	BRL	***14.0***	BRL	**1 ppm**	**1/7.8 ppm**
Benzo(a)pyrene	***1.19***	BRL	***14.3***	BRL	**1 ppm**	**1/1 ppm**
Benzo(b)fluoranthene	0.873	BRL	***14.3***	BRL	**1 ppm**	**1/7.8 ppm**
Benzo(g,h,i)perylene	0.573	BRL	7.57	BRL	42 ppm	1,000/2,500 ppm
Benzo(k)fluoranthene	***1.06***	BRL	***11.6***	BRL	**1 ppm**	**8.4**/78 ppm
Chrysene	***1.45***	BRL	***14.2***	BRL	**1 ppm**	84/780 ppm
Dibenz(anthracene)	0.154	BRL	***1.83***	BRL	**1 ppm**	**1/1 ppm**
Fluoranthene	2.78	BRL	23.1	BRL	56 ppm	1,000/2,500 ppm
Fluorene	1.12	BRL	BRL	BRL	56 ppm	1,000/2,500 ppm
Indeno(1,2,3-cd)pyrene	0.567	BRL	***7.74***	BRL	**1 ppm**	1/7.8 ppm
1-Methylnaphthalene	0.43	BRL	BRL	BRL	NE	NE
Phenanthrene	4.32	BRL	6.69	BRL	40 ppm	1,000/2,500 ppm
Pyrene	3.25	BRL	20.8	BRL	40 ppm	1,000/2,500 ppm
PCBs – Method 8082 (ppm)	BRL	BRL	BRL	BRL	NE	1/10 ppm
Total RCRA 8 Metals – ppm					NE	
Arsenic	3.83	BRL	BRL	BRL		10/10 ppm
Cadmium	0.83	1.34	0.708	1.51		34/1,000 ppm
Chromium	19.2	28.1	16.7	48.6		100/100 ppm
Lead	63.5	14.4	23.2	14.9		500/1,000 ppm
Mercury	0.0937	BRL	0.0691	BRL		20/610 ppm
SPLP RCRA 8 Metals – ppm						NE
Cadmium	NA	BRL	NA	BRL	0.05 ppm	
Chromium	BRL	BRL	BRL	BRL	0.5 ppm	
Lead	0.0485	BRL	BRL	BRL	0.15 ppm	

BRL – Below Reporting Limits (see laboratory reports for compound specific detection limits)

NA – Not Analyzed for this parameter

NE – None Established

PMC – Pollutant Mobility Criteria

DEC – Direct Exposure Criteria

The compounds listed above are those that were detected - please see laboratory reports for full lists of compounds and their specific detection limits.

TABLE 1 - Soil Sample Analytical Results
New Britain-Hartford Busway: Sigourney Street Station
25 to 35 Hawthorn Street
Hartford, Connecticut

Sample I.D.	SSB-3			SSB-4		PMC GB Groundwater Area	DEC Residential/ Commercial & Industrial
Sample Depth:	2'-4'	4'-8'	4'-8' DUP	2'-4'	4'-8'		
CT ETPH - (ppm)	BRL	BRL	BRL	BRL	BRL	2,500 ppm	500/2,500 ppm
VOCs - Method 8260 (ppm)	BRL	BRL	BRL	BRL	BRL		
PAHs - Method 8270 (ppm)							
Benzo(a)anthracene	0.338	BRL	BRL	BRL	BRL	1 ppm	1/7.8 ppm
Benzo(a)pyrene	0.318	BRL	BRL	BRL	BRL	1 ppm	1/1 ppm
Benzo(b)fluoranthene	0.251	BRL	BRL	BRL	BRL	1 ppm	1/7.8 ppm
Benzo(k)fluoranthene	0.351	BRL	BRL	BRL	BRL	1 ppm	8.4/78 ppm
Chrysene	0.328	BRL	BRL	BRL	BRL	1 ppm	84/780 ppm
Fluoranthene	0.468	BRL	BRL	0.172	BRL	56 ppm	1,000/2,500 ppm
Pyrene	0.462	BRL	BRL	0.183	BRL	40 ppm	1,000/2,500 ppm
PCBs – Method 8082 (ppm)	BRL	BRL	BRL	BRL	BRL	NE	1/10 ppm
Total Metals – ppm						NE	
Arsenic	4.66	BRL	BRL	4.53	BRL		10/10 ppm
Cadmium	BRL	0.782	0.745	0.594	1.26		34/1,000 ppm
Chromium	13.1	22.5	22.4	14.5	38.1		100/100 ppm
Lead	157	7.78	9.44	323	13.6		500/1,000 ppm
Mercury	0.794	BRL	0.233	1.37	BRL		20/610 ppm
SPLP Metals – ppm							NE
Cadmium	NA	NA	NA	NA	BRL	0.05 ppm	
Chromium	BRL	BRL	BRL	0.0216	0.0263	0.5 ppm	
Lead	0.0996	BRL	BRL	0.148	BRL	0.15 ppm	
Mercury	BRL	NA	NA	BRL	NA	0.02 ppm	

BRL – Below Reporting Limits (see laboratory reports for compound specific detection limits)

NA – Not Analyzed for this parameter

NE – None Established

PMC – Pollutant Mobility Criteria

DEC – Direct Exposure Criteria

The compounds listed above are those that were detected - please see laboratory reports for full lists of compounds and their specific detection limits.

TABLE 1 - Soil Sample Analytical Results
New Britain-Hartford Busway: Sigourney Street Station
25 to 35 Hawthorn Street
Hartford, Connecticut

Sample I.D.	SSB-5		SSB-6		PMC GB Groundwater Area	DEC Residential/ Commercial & Industrial
Sample Depth:	2'-4'	4'-8'	2'-4'	4'-8'		
CT ETPH - (ppm)	49.8	BRL	192	BRL	2,500 ppm	500/2,500 ppm
VOCs - Method 8260 (ppm)						
Acetone	BRL	BRL	BRL	0.0958	140 ppm	500/1,000 ppm
PAHs - Method 8270 (ppm)						
Acenaphthene	BRL	BRL	0.325	BRL	84 ppm	1,000/2,500 ppm
Acenaphthylene	BRL	BRL	0.922	BRL	84 ppm	1,000/2,500 ppm
Anthracene	BRL	BRL	0.867	BRL	400 ppm	1,000/2,500 ppm
Benzo(a)anthracene	0.641	BRL	***1.75***	BRL	**1 ppm**	1/7.8 ppm
Benzo(a)pyrene	0.607	BRL	***1.34***	BRL	**1 ppm**	**1/1 ppm**
Benzo(b)fluoranthene	0.601	BRL	***1.12***	BRL	**1 ppm**	1/7.8 ppm
Benzo(g,h,i)perylene	0.312	BRL	0.626	BRL	42 ppm	1,000/2,500 ppm
Benzo(k)fluoranthene	0.572	BRL	***1.27***	BRL	**1 ppm**	8.4/78 ppm
Chrysene	0.622	BRL	***1.79***	BRL	**1 ppm**	84/780 ppm
Dibenz(anthracene)	BRL	BRL	0.168	BRL	1 ppm	1/1 ppm
Fluoranthene	0.864	BRL	3.26	BRL	56 ppm	1,000/2,500 ppm
Fluorene	BRL	BRL	1.76	BRL	56 ppm	1,000/2,500 ppm
Indeno(1,2,3-cd)pyrene	0.333	BRL	0.622	BRL	1 ppm	1/7.8 ppm
1-Methylnaphthalene	BRL	BRL	0.623	BRL	NE	NE
Phenanthrene	0.256	BRL	6.2	BRL	40 ppm	1,000/2,500 ppm
Pyrene	0.906	BRL	3.88	BRL	40 ppm	1,000/2,500 ppm
PCBs – Method 8082 (ppm)	BRL	BRL	BRL	BRL		
Total Metals – ppm					NE	
Arsenic	2.73	BRL	3.94	BRL		10/10 ppm
Cadmium	0.922	1.63	0.87	0.946		34/1,000 ppm
Chromium	27.1	51.6	19.4	26.5		100/100 ppm
Lead	66.3	14.7	197	12.0		500/1,000 ppm
Mercury	1.87	BRL	0.179	BRL		20/610 ppm
SPLP Metals – ppm						NE
Cadmium	NA	BRL	NA	NA	0.05 ppm	
Chromium	0.0505	0.0235	BRL	0.023	0.5 ppm	
Lead	0.106	BRL	0.0847	BRL	0.15 ppm	
Mercury	BRL	NA	NA	NA	0.02 ppm	

BRL – Below Reporting Limits (see laboratory reports for compound specific detection limits)

NE – None Established

PMC – Pollutant Mobility Criteria

DEC – Direct Exposure Criteria

The compounds listed above are those that were detected - please see laboratory reports for full lists of compounds and their specific detection limits.

TABLE 1 - Soil Sample Analytical Results
New Britain-Hartford Busway: Sigourney Street Station
25 to 35 Hawthorn Street
Hartford, Connecticut

Sample I.D.:	SSB-7		SSB-8		PMC GB Groundwater Area	DEC Residential/ Commercial & Industrial
Sample Depth:	2'-4'	4'-8'	2'-4'	4'-8'		
CT ETPH - (ppm)	184	171	145	86.6	2,500 ppm	500/2,500 ppm
VOCs - Method 8260 (ppm)						
Acetone	BRL	0.0763	BRL	0.11	140 ppm	500/1,000 ppm
Methyl Tertiary Butyl Ether	BRL	0.0398	BRL	0.0484	20 ppm	500/1,000 ppm
Naphthalene	BRL	0.0075	BRL	0.0103	56 ppm	1,000,2,500 ppm
PAHs - Method 8270 (ppm)						
Acenaphthene	0.196	BRL	BRL	BRL	84 ppm	1,000/2,500 ppm
Anthracene	0.297	BRL	0.201	0.207	400 ppm	1,000/2,500 ppm
Benzo(a)anthracene	0.969	0.316	0.82	0.442	1 ppm	1/7.8 ppm
Benzo(a)pyrene	0.845	0.322	0.787	0.355	1 ppm	1/1 ppm
Benzo(b)fluoranthene	0.888	0.305	0.805	0.274	1 ppm	1/7.8 ppm
Benzo(g,h,i)perylene	0.419	0.166	0.381	BRL	42 ppm	1,000/2,500 ppm
Benzo(k)fluoranthene	0.77	0.332	0.698	0.333	1 ppm	8.4/78 ppm
Chrysene	0.939	0.358	0.825	0.469	1 ppm	84/780 ppm
Fluoranthene	1.63	0.573	1.53	0.854	56 ppm	1,000/2,500 ppm
Fluorene	0.209	BRL	BRL	0.189	56 ppm	1,000/2,500 ppm
Indeno(1,2,3-cd)pyrene	0.396	0.155	0.391	BRL	1 ppm	1/7.8 ppm
Phenanthrene	1.24	0.527	0.702	0.9	40 ppm	1,000/2,500 ppm
Pyrene	1.79	0.588	1.5	1.03	40 ppm	1,000/2,500 ppm
PCBs – Method 8082 (ppm)	BRL	BRL	BRL	BRL		
Total Metals – ppm					NE	
Arsenic	1.71	3.03	BRL	BRL		10/10 ppm
Cadmium	0.838	0.931	0.897	0.809		34/1,000 ppm
Chromium	15.7	23.1	11.3	22.9		100/100 ppm
Lead	108	83.3	248	35.2		500/1,000 ppm
Mercury	0.0603	0.141	0.0875	0.11		20/610 ppm
SPLP Metals – ppm						NE
Chromium	BRL	BRL	BRL	0.0166	0.5 ppm	
Lead	0.0413	0.02	***0.245***	0.0317	**0.15 ppm**	

BRL – Below Reporting Limits (see laboratory reports for compound specific detection limits)

NE – None Established

PMC – Pollutant Mobility Criteria

DEC – Direct Exposure Criteria

The compounds listed above are those that were detected - please see laboratory reports for full lists of compounds and their specific detection limits.

TABLE 2 - Groundwater Sample Analytical Results
New Britain-Hartford Busway: Sigourney Street Station
25 to 35 Hawthorn Street
Hartford, Connecticut

Sample I.D.	SSB-4 GW	SSB-4 GW DUP	SSB-6 GW	SWPC	VC: Residential/Commercial & Industrial	Groundwater Discharge to Surface Water Permit Limits
CT ETPH (ppm)	BRL	BRL	1.8	NE	NE	5.0 ppm
VOCs - EPA Method 8260 (ppb)						
Carbon Disulfide	BRL	BRL	21.7	NE	NE	NE
Total VOCs	BRL	BRL	21.7	NE	NE	50 ppb
PAHs - EPA Method 8270 (ppb)					NE	
Acenaphthene	BRL	BRL	0.116	NE		NE
1-Methylnaphthalene	BRL	BRL	0.095	NE		NE
Fluoranthene	BRL	BRL	0.179	3,700 ppb		NE
Fluorene	BRL	BRL	0.295	140,000 ppb		NE
2-Methylnaphthalene	BRL	BRL	0.105	NE		NE
Naphthalene	BRL	BRL	0.126	NE		NE
Phenanthrene	BRL	BRL	0.126	0.3 ppb		NE
Pyrene	BRL	BRL	0.105	110,000 ppb		NE
Total PAHs	BRL	BRL	1.147	NE		5.0 ppb
PCBs – Method 8082 (ppb)	BRL	BRL	BRL	0.5 ppb	NE	0.1 ppb
Total Metals – (ppb)					NE	
Arsenic	BRL	BRL	BRL	4 ppb		0.021 ppb
Cadmium	BRL	BRL	BRL	6 ppb		10 ppb
Chromium	BRL	BRL	7.6	NE		342 ppb
Lead	BRL	BRL	BRL	13 ppb		9.8 ppb
Mercury	BRL	BRL	BRL	0.4 ppb		1.0 ppb

BRL – Below Reporting Limits (see laboratory reports for compound specific detection limits)

NE – None Established

SWPC – Surface Water Protection Criteria

VC – Volatilization Criteria

The compounds listed above are those that were detected - please see laboratory reports for full lists of compounds and their specific detection limits.

TABLE 2 - Groundwater Sample Analytical Results
New Britain-Hartford Busway: Sigourney Street Station
25 to 35 Hawthorn Street
Hartford, Connecticut

Sample I.D.:	FB-1	TB-1	SWPC	VC: Residential/Commercial & Industrial	Groundwater Discharge to Surface Water Permit Limits
CT ETPH (ppm)	BRL	NA	NE	NE	5.0 ppm
VOCs - EPA Method 8260 (ppb)	BRL	BRL			
PAHs - EPA Method 8270 (ppb)	BRL	NA		NE	
PCBs – Method 8082 (ppb)	BRL	NA	0.5 ppb	NE	0.1 ppb
Total Metals – ppb		NA		NE	
Arsenic	BRL		4 ppb		0.021 ppb
Cadmium	BRL		6 ppb		10 ppb
Chromium	BRL		NE		342 ppb
Lead	BRL		13 ppb		9.8 ppb
Mercury	BRL		0.4 ppb		1.0 ppb

BRL – Below Reporting Limits (see laboratory reports for compound specific detection limits)

NA – Not Analyzed for this procedure

NE – None Established

SWPC – Surface Water Protection Criteria

VC – Volatilization Criteria

The compounds listed above are those that were detected - please see laboratory reports for full lists of compounds and their specific detection limits.

APPENDIX A

Soil Boring Logs

GEOPROBE SOIL BORING LOG

Project: Busway: Sigourney Street Station
Boring: SSB-1
Location: Hartford, CT
Inspector: C. Knight
Client: Diversified Technology Consultants
Date: 7-1-10

Logical Environmental Solutions
354 South River Road
Tolland, CT 06084
Truck, Portable & ATV/Backhoe-Mounted Geoprobes

Depth (feet)	Symbol	Description	Depth (feet)	PID (ppm)	Sample Interval
		Ground Surface	0.0		
0.0		Brown fine SAND & SILT, trace fine Gravel, Glass & Brick	0.5		
1.0		Brown fine to medium SAND, some Silt, trace fine Gravel		0.2	Macro Core 0'-2'
2.0					
3.0				2.4	Macro Core 2'-4'
4.0					
5.0					
6.0			6.0	0.6	Macro Core 4'-8'
7.0		Light-Brown to Olive-Brown Clayey SILT (very moist at 8')			
8.0					
9.0					
10.0				0	Macro Core 8'-12'
11.0					
12.0			12.0		
13.0		End of Boring at 12'			
14.0					
15.0					

Soil Description: and = 35-50% some = 20-35% little = 10-20% trace = 1-10%

Driller: W. Lineberry
Depth to Water: Very Moist at 8'
Boring Dia.: 2"
Rig: Geoprobe 540U
Boring Depth: 12'
Page: 1 of 1

GEOPROBE SOIL BORING LOG

Project: Busway: Sigourney Street Station
Boring: SSB-2
Location: Hartford, CT
Inspector: C. Knight
Client: Diversified Technology Consultants
Date: 7-1-10

Logical Environmental Solutions
354 South River Road
Tolland, CT 06084
Truck, Portable & ATV/Backhoe-Mounted Geoprobes

Depth (feet)	Symbol	Description	Depth (feet)	PID (ppm)	Sample Interval
		Ground Surface	0.0		
0.0		ASPHALT - 7"	0.7		
1.0		Gray fine to coarse GRAVEL	2.0	0.2	Macro Core 0'-2'
2.0		Red-Brown fine to medium SAND, some fine to coarse Gravel & Cobble, trace Silt		2.4	Macro Core 2'-4'
3.0					
4.0					
5.0			6.0	0.6	Macro Core 4'-8'
6.0		Brown mottled Clayey SILT (dense, very moist at 9')			
7.0					
8.0					
9.0				0	Macro Core 8'-12'
10.0					
11.0			12.0		
12.0		End of Boring at 12'			
13.0					
14.0					
15.0					

Soil Description: and = 35-50% some = 20-35% little = 10-20% trace = 1-10%

Driller: W. Lineberry
Depth to Water: Very Moist at 9'
Boring Dia.: 2"
Rig: Geoprobe 540U
Boring Depth: 12'
Page: 1 of 1

GEOPROBE SOIL BORING LOG

Project: Busway: Sigourney Street Station
Boring: SSB-3
Location: Hartford, CT
Inspector: C. Knight
Client: Diversified Technology Consultants
Date: 7-1-10

Logical Environmental Solutions
354 South River Road
Tolland, CT 06084
Truck, Portable & ATV/Backhoe-Mounted Geoprobes

Depth (feet)	Symbol	Description	Depth (feet)	PID (ppm)	Sample Interval
		Ground Surface	0.0		
0.0		ASPHALT - 7"	0.7		
1.0		Gray fine to coarse GRAVEL, trace fine to medium Sand & Silt		0.1	Macro Core 0'-2'
2.0					
3.0		Gray to Black ASH & CINDERS, little to trace Coal fragments, fine to medium Sand, Silt & fine to coarse Gravel (FILL)		1.1	Macro Core 2'-4'
4.0					
5.0					
6.0			6.0	0.5	Macro Core 4'-8'
7.0					
8.0					
9.0		Brown mottled Clayey SILT, trace fine Sand (dense, very moist/wet at 9')			
10.0				0	Macro Core 8'-12'
11.0					
12.0			12.0		
13.0		End of Boring at 12'			
14.0					
15.0					

Soil Description: and = 35-50% some = 20-35% little = 10-20% trace = 1-10%

Driller: W. Lineberry
Depth to Water: 9'
Boring Dia.: 2"
Rig: Geoprobe 540U
Boring Depth: 12'
Page: 1 of 1

GEOPROBE SOIL BORING LOG

Project: Busway: Sigourney Street Station
Boring: SSB-4
Location: Hartford, CT
Inspector: C. Knight
Client: Diversified Technology Consultants
Date: 7-1-10

Logical Environmental Solutions
354 South River Road
Tolland, CT 06084
Truck, Portable & ATV/Backhoe-Mounted Geoprobes

Depth (feet)	Symbol	Description	Depth (feet)	PID (ppm)	Sample Interval
		Ground Surface	0.0		
0.0		ASPHALT - 7"	0.7		
1.0		Gray fine to coarse GRAVEL, trace fine to medium Sand & Silt		0.1	Macro Core 0'-2'
2.0					
3.0		Gray to Black ASH & CINDERS, little to trace Coal fragments, fine to medium Sand, Silt & fine to coarse Gravel (FILL)		0.7	Macro Core 2'-4'
4.0					
5.0					
6.0			6.0	0.3	Macro Core 4'-8'
7.0					
8.0					
9.0		Brown mottled Clayey SILT, trace fine Sand (dense, very moist/wet at 9')			
10.0				0	Macro Core 8'-12'
11.0					
12.0			12.0		
13.0		End of Sampling at 12'			
14.0		Pre-probed to 17'			
15.0		Groundwater Grab Sample & Duplicate			

Soil Description: and = 35-50% some = 20-35% little = 10-20% trace = 1-10%

Driller: W. Lineberry
Depth to Water: 9'
Boring Dia.: 2"
Rig: Geoprobe 540U
Boring Depth: 12'
Page: 1 of 1

GEOPROBE SOIL BORING LOG

Project: Busway: Sigourney Street Station
Boring: SSB-5
Location: Hartford, CT
Inspector: C. Knight
Client: Diversified Technology Consultants
Date: 7-1-10

Logical Environmental Solutions
354 South River Road
Tolland, CT 06084
Truck, Portable & ATV/Backhoe-Mounted Geoprobes

Depth (feet)	Symbol	Description	Depth (feet)	PID (ppm)	Sample Interval
		Ground Surface	0.0		
0.0		ASPHALT - 7"	0.7		
1.0		Gray fine to coarse GRAVEL	2.0	0.2	Macro Core 0'-2'
2.0		Brown to Red-Brown fine to medium SAND, little Silt, trace fine Gravel	3.5	1.5	Macro Core 2'-4'
3.0					
4.0		Brown mottled Clayey SILT, trace fine Sand (dense & dry, moist at 10')		0.8	Macro Core 4'-8'
5.0					
6.0					
7.0					
8.0				0	Macro Core 8'-12'
9.0					
10.0					
11.0			12.0		
12.0					
13.0		End of Boring at 12'			
14.0					
15.0					

Soil Description: and = 35-50% some = 20-35% little = 10-20% trace = 1-10%

Driller: W. Lineberry
Depth to Water: Moist at 10'
Boring Dia.: 2"
Rig: Geoprobe 540U
Boring Depth: 12'
Page: 1 of 1

GEOPROBE SOIL BORING LOG

Project: Busway: Sigourney Street Station
Boring: SSB-6
Location: Hartford, CT
Inspector: C. Knight
Client: Diversified Technology Consultants
Date: 7-1-10

Logical Environmental Solutions
354 South River Road
Tolland, CT 06084
Truck, Portable & ATV/Backhoe-Mounted Geoprobes

Depth (feet)	Symbol	Description	Depth (feet)	PID (ppm)	Sample Interval
		Ground Surface	0.0		
0.0		Brown SILT, trace fine to medium	0.4		
1.0				0.2	Macro Core 0'-2'
2.0		Brown to Red-Brown SILT, trace fine Sand & fine to medium Gravel & Cobble		2.1	Macro Core 2'-4'
3.0					
4.0		at 4'-6' mixed with seams of Ash & Cinders (FILL)			
5.0					
6.0			6.0	0.8	Macro Core 4'-8'
7.0					
8.0					
9.0		Gray to Olive-Brown mottled Clayey SILT (very moist/wet at 9')			
10.0				0	Macro Core 8'-12'
11.0					
12.0			12.0		
13.0		End of Sampling at 12'			
		Pre-probed to 17'			
14.0		Groundwater Grab Sample Collected			
15.0					

Soil Description: and = 35-50% some = 20-35% little = 10-20% trace = 1-10%

Driller: W. Lineberry
Depth to Water: 9'
Boring Dia.: 2"
Rig: Geoprobe 540U
Boring Depth: 12'
Page: 1 of 1

GEOPROBE SOIL BORING LOG

Project: Busway: Sigourney Street Station
Boring: SSB-7
Location: Hartford, CT
Inspector: C. Knight
Client: Diversified Technology Consultants
Date: 7-1-10

Logical Environmental Solutions
354 South River Road
Tolland, CT 06084
Truck, Portable & ATV/Backhoe-Mounted Geoprobes

Depth (feet)	Symbol	Description	Depth (feet)	PID (ppm)	Sample Interval
		Ground Surface	0.0		
0.0		ASPHALT - 1'	1.0	0.1	Macro Core 0'-2'
1.0		Gray fine to coarse GRAVEL	2.0		
2.0		Light-Brown to Red-Brown fine to medium SAND, little Silt, trace fine to coarse Gravel & coarse Sand	3.0	0.4	Macro Core 2'-4'
3.0					
4.0					
5.0					
6.0				0.4	Macro Core 4'-8'
7.0		Olive-Brown SILT, trace fine Sand (moist at 10')			
8.0					
9.0					
10.0				0	Macro Core 8'-12'
11.0					
12.0			12.0		
13.0		End of Boring at 12'			
14.0					
15.0					

Soil Description: and = 35-50% some = 20-35% little = 10-20% trace = 1-10%

Driller: W. Lineberry
Depth to Water: Moist at 10'
Boring Dia.: 2"
Rig: Geoprobe 540U
Boring Depth: 12'
Page: 1 of 1

GEOPROBE SOIL BORING LOG

Project: Busway: Sigourney Street Station
Boring: SSB-8
Location: Hartford, CT
Inspector: C. Knight
Client: Diversified Technology Consultants
Date: 7-1-10

Logical Environmental Solutions
354 South River Road
Tolland, CT 06084
Truck, Portable & ATV/Backhoe-Mounted Geoprobes

Depth (feet)	Symbol	Description	Depth (feet)	PID (ppm)	Sample Interval
		Ground Surface	0.0		
0.0		Dark-Brown fine SAND, little Silt, trace fine Gravel	0.7		
1.0		Gray fine to coarse GRAVEL	2.0	0	Macro Core 0'-2'
2.0		Light-Brown to Red-Brown fine to medium SAND, little Silt, trace fine to coarse Gravel & coarse Sand	3.0	0.5	Macro Core 2'-4'
3.0					
4.0					
5.0				0.4	Macro Core 4'-8'
6.0					
7.0		Olive-Brown SILT, trace fine Sand (moist at 10')			
8.0					
9.0				0	Macro Core 8'-12'
10.0					
11.0			12.0		
12.0					
13.0		End of Boring at 12'			
14.0					
15.0					

Soil Description: and = 35-50% some = 20-35% little = 10-20% trace = 1-10%

Driller: W. Lineberry
Depth to Water: Moist at 10'
Boring Dia.: 2"
Rig: Geoprobe 540U
Boring Depth: 12'
Page: 1 of 1

APPENDIX B

Soil & Groundwater Analytical Laboratory Report

Report Date:
22-Jul-10 15:35

☐ Final Report
☐ Re-Issued Report
☐ Revised Report

SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

Laboratory Report

Logical Environmental Solutions
354 South River Road
Tolland, CT 06084
Attn: Cindy Knight

Project: Sigourney St Station - Hartford, CT
Project #: 171-305

Laboratory ID	Client Sample ID	Matrix	Date Sampled	Date Received
SB14714-01	SSB-1 2'-4'	Soil	01-Jul-10 13:08	02-Jul-10 18:30
SB14714-02	SSB-1 4'-8'	Soil	01-Jul-10 13:18	02-Jul-10 18:30
SB14714-03	SSB-2 2'-4'	Soil	01-Jul-10 09:06	02-Jul-10 18:30
SB14714-04	SSB-2 4'-8'	Soil	01-Jul-10 09:15	02-Jul-10 18:30
SB14714-05	SSB-3 2'-4'	Soil	01-Jul-10 09:35	02-Jul-10 18:30
SB14714-06	SSB-3 4'-8'	Soil	01-Jul-10 09:43	02-Jul-10 18:30
SB14714-07	SSB-3 4'-8' Dup	Soil	01-Jul-10 09:45	02-Jul-10 18:30
SB14714-08	SSB-4 2'-4'	Soil	01-Jul-10 07:00	02-Jul-10 18:30
SB14714-09	SSB-4 4'-8'	Soil	01-Jul-10 07:10	02-Jul-10 18:30
SB14714-10	SSB-5 2'-4'	Soil	01-Jul-10 08:35	02-Jul-10 18:30
SB14714-11	SSB-5 4'-8'	Soil	01-Jul-10 08:45	02-Jul-10 18:30
SB14714-12	SSB-6 2'-4'	Soil	01-Jul-10 10:15	02-Jul-10 18:30
SB14714-13	SSB-6 4'-8'	Soil	01-Jul-10 10:24	02-Jul-10 18:30
SB14714-14	SSB-7 2'-4'	Soil	01-Jul-10 11:19	02-Jul-10 18:30
SB14714-15	SSB-7 4'-8'	Soil	01-Jul-10 11:29	02-Jul-10 18:30
SB14714-16	SSB-8 2'-4'	Soil	01-Jul-10 12:37	02-Jul-10 18:30
SB14714-17	SSB-8 4'-8'	Soil	01-Jul-10 12:48	02-Jul-10 18:30
SB14714-18	SSB-4 GW	Ground Water	01-Jul-10 08:00	02-Jul-10 18:30
SB14714-19	SSB-4 GW Dup	Ground Water	01-Jul-10 08:00	02-Jul-10 18:30
SB14714-20	SSB-6 GW	Ground Water	01-Jul-10 10:50	02-Jul-10 18:30
SB14714-21	FB-1	Deionized Water	01-Jul-10 12:15	02-Jul-10 18:30
SB14714-22	TB-1	Deionized Water	01-Jul-10 00:00	02-Jul-10 18:30

I attest that the information contained within the report has been reviewed for accuracy and checked against the quality control requirements for each method. These results relate only to the sample(s) as received.
All applicable NELAC requirements have been met.

Massachusetts # M-MA138/MA1110
Connecticut # PH-0777
Florida # E87600/E87936
Maine # MA138
New Hampshire # 2538
New Jersey # MA011/MA012
New York # 11393/11840
Pennsylvania # 68-04426/68-02924
Rhode Island # 98
USDA # S-51435
Vermont # VT-11393

Authorized by:

Hanibal C. Tayeh, Ph.D.
President/Laboratory Director

Technical Reviewer's Initial:

Spectrum Analytical holds certification in the State of New York for the analytes as indicated with an X in the "Cert." column within this report. Please note that the State of New York does not offer certification for all analytes.
Please note that this report contains 128 pages of analytical data plus Chain of Custody document(s). When the Laboratory Report is indicated as revised, this report supersedes any previously dated reports for the laboratory ID(s) referenced above. Where this report identifies subcontracted analyses, copies of the subcontractor's test report are available upon request. This report may not be reproduced, except in full, without written approval from Spectrum Analytical, Inc.

Spectrum Analytical, Inc. is a NELAC accredited laboratory organization and meets NELAC testing standards. Use of the NELAC logo however does not insure that Spectrum is currently accredited for the specific method or analyte indicated. Please refer to our "Quality" web page at www.spectrum-analytical.com for a full listing of our current certifications and fields of accreditation. States in which Spectrum Analytical, Inc. holds NELAC certification are New York, New Hampshire, New Jersey and Florida. All analytical work for Volatile Organic and Air analysis are transferred to and conducted at our 830 Silver Street location (NY-11840, FL-E87936 and NJ-MA012).

Please contact the Laboratory or Technical Director at 800-789-9115 with any questions regarding the data contained in this laboratory report.

CASE NARRATIVE:

The sample temperature upon receipt by Spectrum Analytical courier was recorded as 1.3 degrees Celsius. The condition of these samples was further noted as received on ice. The samples were transported on ice to the laboratory facility and the temperature was recorded at 1.1 degrees Celsius upon receipt at the laboratory. Please refer to the Chain of Custody for details specific to sample receipt times.

An infrared thermometer with a tolerance of +/- 2.0 degrees Celsius was used immediately upon receipt of the samples.

Low level VOC soil samples submitted in DI water or in an encore sampler were frozen on 7/2/2010 at 18:30.

If a Matrix Spike (MS), Matrix Spike Duplicate (MSD) or Duplicate (DUP) was not requested on the Chain of Custody, method criteria may have been fulfilled with a source sample not of this Sample Delivery Group.

Required site-specific Matrix Spike/Matrix Spike Duplicate (MS/MSD) must be requested by the client and sufficient sample must be submitted for the additional analyses. Samples submitted with insufficient volume/weight will not be analyzed for site specific MS/MSD, however a batch MS/MSD may be analyzed from a non-site specific sample.

CTDEP has published a list of analytical methods which provides a series of recommended protocols for the acquisition, analysis and reporting of analytical data in support of decisions being made utilizing the Reasonable Confidence Protocol (RCP). "Reasonable Confidence" can be established only for those methods published by the CTDEP in the RCP guidelines. The compounds and/or elements reported were specifically requested by the client on the Chain of Custody and in some cases may not include the full analyte list as defined in the method.

The CTDEP RCP requests that "all non-detects and all results below the reporting limit are reported as ND (Not Detected at the Specified Reporting Limit)". All non-detects and all results below the reporting limit are reported as "BRL" (Below the Reporting Limit) in this report.

If no reporting limits were specified or referenced on the chain-of-custody the laboratory's practical quantitation limits were applied.

Tetrachloro-m-xylene is recommended as a surrogate by the CTDEP RCP for the following SW846 Methods 8081, 8082 and 8151. Spectrum Analytical, Inc. uses Tetrachloro-m-xylene as the Internal Standard for these methods and Dibromooctaflourobiphenyl as the surrogate.

According to CTDEP RCP Quality Assurance and Quality Control Requirements for VOCs by method 8260, SW-846 version 1, 7/28/05 Table 1A, recovery for some VOC analytes have been deemed potentially difficult. Although they may still be within the recommended 70%-130% recovery range, a range has been set based on historical control limits.

All VOC soils samples submitted and analyzed in methanol will have a minimum dilution factor of 50. This is the minimum amount of solvent allowed on the instrumentation without causing interference. Additional dilution factors may be required to keep analyte concentration within instrument calibration.

See below for any non-conformances and issues relating to quality control samples and/or sample analysis/matrix.

+CT ETPH

Samples:

SB14714-01 *SSB-1 2'-4'*

The Reporting Limit has been raised to account for matrix interference.

SB14714-03 *SSB-2 2'-4'*

The Reporting Limit has been raised to account for matrix interference.

SB14714-14 *SSB-7 2'-4'*

The Reporting Limit has been raised to account for matrix interference.

SW846 1312/6010B

Duplicates:

1015078-DUP1 *Source: SB14714-03*

Analyses are not controlled on RPD values from sample concentrations that are less than 5 times the reporting level. The batch is accepted based upon the difference between the sample and duplicate is less than or equal to the reporting limit.

Chromium

1015080-DUP1 *Source: SB14714-16*

The RPD exceeded the QC control limits; however precision is demonstrated with acceptable RPD values for MS/MSD.

Chromium
Lead

SW846 6010B

Spikes:

1014403-MSD1 *Source: SB14714-16*

The spike recovery exceeded the QC control limits for the MS and/or MSD. The batch was accepted based upon acceptable PS and /or LCS recovery.

Lead

Duplicates:

1014403-DUP1 *Source: SB14714-14*

The RPD exceeded the QC control limits; however precision is demonstrated with acceptable RPD values for MS/MSD.

Arsenic

SW846 8260B/C

Calibration:

1006021

Analyte quantified by quadratic equation type calibration.

1,2-Dibromo-3-chloropropane
1,2-Dibromoethane (EDB)
2-Hexanone (MBK)
4-Methyl-2-pentanone (MIBK)
Bromoform
cis-1,3-Dichloropropene
Dibromochloromethane
Naphthalene
trans-1,3-Dichloropropene

This affected the following samples:

1014632-BLK1
1014632-BS1
1014632-BSD1
S005069-ICV1
S006244-CCV1
SSB-4 2'-4'

1007002

SW846 8260B/C

Calibration:

1007002

Analyte quantified by quadratic equation type calibration.

1,2-Dibromo-3-chloropropane
Bromoform
Dibromochloromethane
trans-1,4-Dichloro-2-butene

This affected the following samples:

1014307-BLK1
1014307-BS1
1014307-BSD1
FB-1
S006074-ICV1
S006090-CCV1
SSB-4 GW
SSB-4 GW Dup
SSB-6 GW
TB-1

Laboratory Control Samples:

1014299 BS/BSD

2-Hexanone (MBK) percent recoveries (80/65) are outside individual acceptance criteria (70-130), but within overall method allowances. All reported results of the following samples are considered to have a potentially low bias:

SSB-1 2'-4'
SSB-1 4'-8'
SSB-2 2'-4'
SSB-2 4'-8'
SSB-3 2'-4'
SSB-3 4'-8'
SSB-3 4'-8' Dup
SSB-4 4'-8'
SSB-5 2'-4'
SSB-5 4'-8'
SSB-6 2'-4'
SSB-6 4'-8'
SSB-7 2'-4'
SSB-7 4'-8'
SSB-8 2'-4'
SSB-8 4'-8'

SW846 8260B/C

Laboratory Control Samples:

1014299 BS/BSD

Acetone percent recoveries (152/115) are outside individual acceptance criteria (70-130), but within overall method allowances. All reported results of the following samples are considered to have a potentially high bias:

SSB-1 2'-4'
SSB-1 4'-8'
SSB-2 2'-4'
SSB-2 4'-8'
SSB-3 2'-4'
SSB-3 4'-8'
SSB-3 4'-8' Dup
SSB-4 4'-8'
SSB-5 2'-4'
SSB-5 4'-8'
SSB-6 2'-4'
SSB-6 4'-8'
SSB-7 2'-4'
SSB-7 4'-8'
SSB-8 2'-4'
SSB-8 4'-8'

Dichlorodifluoromethane (Freon12) percent recoveries (124/134) are outside individual acceptance criteria (70-130), but within overall method allowances. All reported results of the following samples are considered to have a potentially high bias:

SSB-1 2'-4'
SSB-1 4'-8'
SSB-2 2'-4'
SSB-2 4'-8'
SSB-3 2'-4'
SSB-3 4'-8'
SSB-3 4'-8' Dup
SSB-4 4'-8'
SSB-5 2'-4'
SSB-5 4'-8'
SSB-6 2'-4'
SSB-6 4'-8'
SSB-7 2'-4'
SSB-7 4'-8'
SSB-8 2'-4'
SSB-8 4'-8'

SW846 8260B/C

Laboratory Control Samples:

1014299 BS/BSD

Tetrahydrofuran percent recoveries (80/68) are outside individual acceptance criteria (70-130), but within overall method allowances. All reported results of the following samples are considered to have a potentially low bias:

SSB-1 2'-4'
SSB-1 4'-8'
SSB-2 2'-4'
SSB-2 4'-8'
SSB-3 2'-4'
SSB-3 4'-8'
SSB-3 4'-8' Dup
SSB-4 4'-8'
SSB-5 2'-4'
SSB-5 4'-8'
SSB-6 2'-4'
SSB-6 4'-8'
SSB-7 2'-4'
SSB-7 4'-8'
SSB-8 2'-4'
SSB-8 4'-8'

Vinyl chloride percent recoveries (120/135) are outside individual acceptance criteria (70-130), but within overall method allowances. All reported results of the following samples are considered to have a potentially high bias:

SSB-1 2'-4'
SSB-1 4'-8'
SSB-2 2'-4'
SSB-2 4'-8'
SSB-3 2'-4'
SSB-3 4'-8'
SSB-3 4'-8' Dup
SSB-4 4'-8'
SSB-5 2'-4'
SSB-5 4'-8'
SSB-6 2'-4'
SSB-6 4'-8'
SSB-7 2'-4'
SSB-7 4'-8'
SSB-8 2'-4'
SSB-8 4'-8'

1014299 BSD

1,4-Dioxane RPD 27% (25%) is outside individual acceptance criteria, but within overall method allowances.

1014632 BS/BSD

4-Methyl-2-pentanone (MIBK) percent recoveries (129/134) are outside individual acceptance criteria (70-130), but within overall method allowances. All reported results of the following samples are considered to have a potentially high bias:

SSB-4 2'-4'

Samples:

S006090-CCV1

Analyte percent difference is outside individual acceptance criteria (20), but within overall method allowances.

Acetone (-22.8%)
Tert-Butanol / butyl alcohol (-24.0%)

SW846 8260B/C

Samples:

S006090-CCV1

This affected the following samples:

1014307-BLK1
1014307-BS1
1014307-BSD1
FB-1
SSB-4 GW
SSB-4 GW Dup
SSB-6 GW
TB-1

S006186-CCV1

Analyte percent difference is outside individual acceptance criteria (20), but within overall method allowances.

1,1-Dichloroethane (24.6%)
1,1-Dichloroethene (20.8%)
2,2-Dichloropropane (26.1%)
2-Hexanone (MBK) (-34.6%)
Bromomethane (20.4%)
Carbon disulfide (21.1%)
Dichlorodifluoromethane (Freon12) (33.6%)
Di-isopropyl ether (-20.6%)
Tert-amyl methyl ether (-22.4%)
Tetrahydrofuran (-32.5%)
Trichlorofluoromethane (Freon 11) (29.4%)
Vinyl chloride (34.7%)

This affected the following samples:

1014299-BLK1
1014299-BS1
1014299-BSD1
SSB-1 2'-4'
SSB-1 4'-8'
SSB-2 2'-4'
SSB-2 4'-8'
SSB-3 2'-4'
SSB-3 4'-8'
SSB-3 4'-8' Dup
SSB-4 4'-8'
SSB-5 2'-4'
SSB-5 4'-8'
SSB-6 2'-4'
SSB-6 4'-8'
SSB-7 2'-4'
SSB-7 4'-8'
SSB-8 2'-4'
SSB-8 4'-8'

S006244-CCV1

SW846 8260B/C

Samples:

S006244-CCV1

Analyte percent difference is outside individual acceptance criteria (20), but within overall method allowances.

1,1,1,2-Tetrachloroethane (22.5%)
Acetone (-20.4%)
Chloroethane (-20.3%)
Chloromethane (-35.2%)
Di-isopropyl ether (-20.4%)
Ethanol (-25.1%)
Tetrahydrofuran (-25.0%)
Vinyl chloride (-27.3%)

Analyte percent drift is outside individual acceptance criteria (20), but within overall method allowances.

n-Butylbenzene (-27.4%)

This affected the following samples:

1014632-BLK1
1014632-BS1
1014632-BSD1
SSB-4 2'-4'

SB14714-05 *SSB-3 2'-4'*

Surrogate recovery outside of control limits. The data was accepted based on valid recovery of the remaining surrogate.

1,2-Dichloroethane-d4

SB14714-07 *SSB-3 4'-8' Dup*

Surrogate recovery outside of control limits. The data was accepted based on valid recovery of the remaining surrogate.

1,2-Dichloroethane-d4

SB14714-08 *SSB-4 2'-4'*

Reporting limits reflect SW846 5030 extraction technique due to interference and/or QC issues using SW846 5035A extraction technique.

SB14714-09 *SSB-4 4'-8'*

Surrogate recovery outside of control limits. The data was accepted based on valid recovery of the remaining surrogate.

1,2-Dichloroethane-d4

SB14714-10 *SSB-5 2'-4'*

Surrogate recovery outside of control limits. The data was accepted based on valid recovery of the remaining surrogate.

1,2-Dichloroethane-d4

SB14714-11 *SSB-5 4'-8'*

Surrogate recovery outside of control limits. The data was accepted based on valid recovery of the remaining surrogate.

1,2-Dichloroethane-d4

SB14714-12 *SSB-6 2'-4'*

Surrogate recovery outside of control limits. The data was accepted based on valid recovery of the remaining surrogate.

1,2-Dichloroethane-d4

SB14714-13 *SSB-6 4'-8'*

SW846 8260B/C

Samples:

SB14714-13 *SSB-6 4'-8'*

Surrogate recovery outside of control limits. The data was accepted based on valid recovery of the remaining surrogate.

1,2-Dichloroethane-d4

SB14714-15 *SSB-7 4'-8'*

Surrogate recovery outside of control limits. The data was accepted based on valid recovery of the remaining surrogate.

1,2-Dichloroethane-d4

SB14714-17 *SSB-8 4'-8'*

Surrogate recovery outside of control limits. The data was accepted based on valid recovery of the remaining surrogate.

1,2-Dichloroethane-d4

SB14714-20 *SSB-6 GW*

Elevated Reporting Limits due to the presence of high levels of non-target analytes.

SW846 8270C/D

Samples:

S006324-CCV1

Analyte percent difference is outside individual acceptance criteria (20), but within overall method allowances.

Benzo (b) fluoranthene (-25.7%)

This affected the following samples:

FB-1
SSB-4 GW
SSB-4 GW Dup
SSB-6 GW

SB14714-03 *SSB-2 2'-4'*

The Reporting Limit has been raised to account for matrix interference.

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
SSB-1 2'-4'	171-305	Soil	01-Jul-10 13:08	02-Jul-10
SB14714-01				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Volatile Organic Compounds												
	VOC Extraction	Field extracted		N/A		1	OC Soil Extraction	06-Jul-10	06-Jul-10	BD	1014243	
Volatile Organic Compounds Prepared by method SW846 5035A Soil (low level)					Initial weight: 5.15 g							
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg dry	6.3	1	SW846 8260B/C	07-Jul-10	07-Jul-10	JRO	1014299	X
67-64-1	Acetone	BRL		µg/kg dry	62.6	1	"	"	"	"	"	X
107-13-1	Acrylonitrile	BRL		µg/kg dry	6.3	1	"	"	"	"	"	X
71-43-2	Benzene	BRL		µg/kg dry	6.3	1	"	"	"	"	"	X
108-86-1	Bromobenzene	BRL		µg/kg dry	6.3	1	"	"	"	"	"	X
74-97-5	Bromochloromethane	BRL		µg/kg dry	6.3	1	"	"	"	"	"	X
75-27-4	Bromodichloromethane	BRL		µg/kg dry	6.3	1	"	"	"	"	"	X
75-25-2	Bromoform	BRL		µg/kg dry	6.3	1	"	"	"	"	"	X
74-83-9	Bromomethane	BRL		µg/kg dry	12.5	1	"	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	62.6	1	"	"	"	"	"	X
104-51-8	n-Butylbenzene	BRL		µg/kg dry	6.3	1	"	"	"	"	"	X
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	6.3	1	"	"	"	"	"	X
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	6.3	1	"	"	"	"	"	X
75-15-0	Carbon disulfide	BRL		µg/kg dry	12.5	1	"	"	"	"	"	X
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	6.3	1	"	"	"	"	"	X
108-90-7	Chlorobenzene	BRL		µg/kg dry	6.3	1	"	"	"	"	"	X
75-00-3	Chloroethane	BRL		µg/kg dry	12.5	1	"	"	"	"	"	X
67-66-3	Chloroform	BRL		µg/kg dry	6.3	1	"	"	"	"	"	X
74-87-3	Chloromethane	BRL		µg/kg dry	12.5	1	"	"	"	"	"	X
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	6.3	1	"	"	"	"	"	X
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	6.3	1	"	"	"	"	"	X
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	12.5	1	"	"	"	"	"	X
124-48-1	Dibromochloromethane	BRL		µg/kg dry	6.3	1	"	"	"	"	"	X
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	6.3	1	"	"	"	"	"	X
74-95-3	Dibromomethane	BRL		µg/kg dry	6.3	1	"	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	6.3	1	"	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	6.3	1	"	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	6.3	1	"	"	"	"	"	X
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	12.5	1	"	"	"	"	"	X
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	6.3	1	"	"	"	"	"	X
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	6.3	1	"	"	"	"	"	X
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	6.3	1	"	"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	6.3	1	"	"	"	"	"	X
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	6.3	1	"	"	"	"	"	X
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	6.3	1	"	"	"	"	"	X
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	6.3	1	"	"	"	"	"	X
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	6.3	1	"	"	"	"	"	X
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	6.3	1	"	"	"	"	"	X
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	6.3	1	"	"	"	"	"	X
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	6.3	1	"	"	"	"	"	X
100-41-4	Ethylbenzene	BRL		µg/kg dry	6.3	1	"	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	6.3	1	"	"	"	"	"	X
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	62.6	1	"	"	"	"	"	X

This laboratory report is not valid without an authorized signature on the cover page.

* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
SSB-1 2'-4'	171-305	Soil	01-Jul-10 13:08	02-Jul-10
SB14714-01				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Volatile Organic Compounds												
Volatile Organic Compounds												
Prepared by method SW846 5035A Soil (low level)					Initial weight: 5.15 g							
98-82-8	Isopropylbenzene	BRL		µg/kg dry	6.3	1	SW846 8260B/C	07-Jul-10	07-Jul-10	JRO	1014299	X
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	6.3	1	"	"	"	"	"	X
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	6.3	1	"	"	"	"	"	X
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	62.6	1	"	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/kg dry	12.5	1	"	"	"	"	"	X
91-20-3	Naphthalene	15.2		µg/kg dry	6.3	1	"	"	"	"	"	X
103-65-1	n-Propylbenzene	BRL		µg/kg dry	6.3	1	"	"	"	"	"	X
100-42-5	Styrene	BRL		µg/kg dry	6.3	1	"	"	"	"	"	X
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	6.3	1	"	"	"	"	"	X
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	6.3	1	"	"	"	"	"	X
127-18-4	Tetrachloroethene	BRL		µg/kg dry	6.3	1	"	"	"	"	"	X
108-88-3	Toluene	BRL		µg/kg dry	6.3	1	"	"	"	"	"	X
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	6.3	1	"	"	"	"	"	
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	6.3	1	"	"	"	"	"	X
108-70-3	1,3,5-Trichlorobenzene	BRL		µg/kg dry	6.3	1	"	"	"	"	"	
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	6.3	1	"	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	6.3	1	"	"	"	"	"	X
79-01-6	Trichloroethene	BRL		µg/kg dry	6.3	1	"	"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	6.3	1	"	"	"	"	"	X
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	6.3	1	"	"	"	"	"	X
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	6.3	1	"	"	"	"	"	X
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	6.3	1	"	"	"	"	"	X
75-01-4	Vinyl chloride	BRL		µg/kg dry	6.3	1	"	"	"	"	"	X
179601-23-1	m,p-Xylene	BRL		µg/kg dry	12.5	1	"	"	"	"	"	X
95-47-6	o-Xylene	BRL		µg/kg dry	6.3	1	"	"	"	"	"	X
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	12.5	1	"	"	"	"	"	
60-29-7	Ethyl ether	BRL		µg/kg dry	6.3	1	"	"	"	"	"	
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	6.3	1	"	"	"	"	"	
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	6.3	1	"	"	"	"	"	
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	6.3	1	"	"	"	"	"	
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	62.6	1	"	"	"	"	"	X
123-91-1	1,4-Dioxane	BRL		µg/kg dry	125	1	"	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	31.3	1	"	"	"	"	"	
64-17-5	Ethanol	BRL		µg/kg dry	2500	1	"	"	"	"	"	
Surrogate recoveries:												
460-00-4	*4-Bromofluorobenzene*	*97*			*70-130 %*		"	"	"	"	"	
2037-26-5	*Toluene-d8*	*99*			*70-130 %*		"	"	"	"	"	
17060-07-0	*1,2-Dichloroethane-d4*	*117*			*70-130 %*		"	"	"	"	"	
1868-53-7	*Dibromofluoromethane*	*84*			*70-130 %*		"	"	"	"	"	
Semivolatile Organic Compounds by GCMS												
PAHs by SW846 8270C												
Prepared by method SW846 3545A												
83-32-9	Acenaphthene	230		µg/kg dry	146	1	SW846 8270C/D	09-Jul-10	13-Jul-10	MM	1014478	X
208-96-8	Acenaphthylene	641		µg/kg dry	146	1	"	"	"	"	"	X

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
SSB-1 2'-4'	171-305	Soil	01-Jul-10 13:08	02-Jul-10
SB14714-01				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GCMS												
PAHs by SW846 8270C												
Prepared by method SW846 3545A												
120-12-7	Anthracene	708		µg/kg dry	146	1	SW846 8270C/D	09-Jul-10	13-Jul-10	MM	1014478	X
56-55-3	Benzo (a) anthracene	1,480		µg/kg dry	146	1	"	"	"	"	"	X
50-32-8	Benzo (a) pyrene	1,190		µg/kg dry	146	1	"	"	"	"	"	X
205-99-2	Benzo (b) fluoranthene	873		µg/kg dry	146	1	"	"	"	"	"	X
191-24-2	Benzo (g,h,i) perylene	573		µg/kg dry	146	1	"	"	"	"	"	X
207-08-9	Benzo (k) fluoranthene	1,060		µg/kg dry	146	1	"	"	"	"	"	X
218-01-9	Chrysene	1,450		µg/kg dry	146	1	"	"	"	"	"	X
53-70-3	Dibenzo (a,h) anthracene	154		µg/kg dry	146	1	"	"	"	"	"	X
206-44-0	Fluoranthene	2,780		µg/kg dry	146	1	"	"	"	"	"	X
86-73-7	Fluorene	1,120		µg/kg dry	146	1	"	"	"	"	"	X
193-39-5	Indeno (1,2,3-cd) pyrene	567		µg/kg dry	146	1	"	"	"	"	"	X
90-12-0	1-Methylnaphthalene	430		µg/kg dry	146	1	"	"	"	"	"	
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	146	1	"	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	146	1	"	"	"	"	"	X
85-01-8	Phenanthrene	4,320		µg/kg dry	146	1	"	"	"	"	"	X
129-00-0	Pyrene	3,250		µg/kg dry	146	1	"	"	"	"	"	X
Surrogate recoveries:												
321-60-8	*2-Fluorobiphenyl*	*86*			*30-130 %*		"	"	"	"	"	
1718-51-0	*Terphenyl-d14*	*86*			*30-130 %*		"	"	"	"	"	
Semivolatile Organic Compounds by GC												
Polychlorinated Biphenyls by SW846 8082												
Prepared by method SW846 3545A												
12674-11-2	Aroclor-1016	BRL		µg/kg dry	22.3	1	SW846 8082	09-Jul-10	10-Jul-10	SM	1014483	X
11104-28-2	Aroclor-1221	BRL		µg/kg dry	22.3	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	BRL		µg/kg dry	22.3	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	BRL		µg/kg dry	22.3	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	BRL		µg/kg dry	22.3	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	BRL		µg/kg dry	22.3	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	BRL		µg/kg dry	22.3	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	BRL		µg/kg dry	22.3	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	BRL		µg/kg dry	22.3	1	"	"	"	"	"	X
Surrogate recoveries:												
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*51*			*30-150 %*		"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*54*			*30-150 %*		"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*55*			*30-150 %*		"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*69*			*30-150 %*		"	"	"	"	"	
Extractable Petroleum Hydrocarbons												
Extractable Total Petroleum Hydrocarbons			R01									
Prepared by method SW846 3545A												
8006-61-9	Gasoline	BRL		mg/kg dry	58.4	2	+CT ETPH	09-Jul-10	12-Jul-10	SHM	1014476	
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	58.4	2	"	"	"	"	"	
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	58.4	2	"	"	"	"	"	
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	58.4	2	"	"	"	"	"	
M09800000	Motor Oil	BRL		mg/kg dry	58.4	2	"	"	"	"	"	

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Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
SSB-1 2'-4'	171-305	Soil	01-Jul-10 13:08	02-Jul-10
SB14714-01				

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Analyst*	*Batch*	*Cert.*
Extractable Petroleum Hydrocarbons												
Extractable Total Petroleum Hydrocarbons			R01									
Prepared by method SW846 3545A												
J00100000	Aviation Fuel	BRL		mg/kg dry	58.4	2	+CT ETPH	09-Jul-10	12-Jul-10	SHM	1014476	
	Unidentified	209		mg/kg dry	58.4	2	"	"	"	"	"	
	Other Oil	Calculated as		mg/kg dry	58.4	2	"	"	"	"	"	
	Total Petroleum Hydrocarbons	209		mg/kg dry	58.4	2	"	"	"	"	"	
	C9-C36 Aliphatic Hydrocarbons	209		mg/kg dry	58.4	2	"	"	"	"	"	
Surrogate recoveries:												
3386-33-2	*1-Chlorooctadecane*	*83*			*50-150 %*		"	"	"	"	"	
Total Metals by EPA 6000/7000 Series Methods												
7440-38-2	Arsenic	3.83		mg/kg dry	1.62	1	SW846 6010B	09-Jul-10	10-Jul-10	TBG	1014403	X
7440-43-9	Cadmium	0.830		mg/kg dry	0.539	1	"	"	"	"	"	X
7440-47-3	Chromium	19.2		mg/kg dry	1.08	1	"	"	"	"	"	X
7439-97-6	Mercury	0.0937		mg/kg dry	0.0324	1	SW846 7471A	"	10-Jul-10	HB	1014404	X
7439-92-1	Lead	63.5		mg/kg dry	1.62	1	SW846 6010B	"	12-Jul-10	LR	1014403	X
SPLP Metals by EPA 1312 & 6000/7000 Series Methods												
	SPLP Extraction	Completed		N/A		1	SW846 1312	15-Jul-10	16-Jul-10	DT	1015022	
7440-47-3	Chromium	BRL		mg/l	0.0100	1	SW846 1312/6010B	19-Jul-10	19-Jul-10	TBG	1015078	
7439-92-1	Lead	0.0485		mg/l	0.0150	1	"	"	"	"	"	
General Chemistry Parameters												
	% Solids	87.5		%		1	SM2540 G Mod.	07-Jul-10	07-Jul-10	BD	1014319	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
SSB-1 4'-8'	171-305	Soil	01-Jul-10 13:18	02-Jul-10
SB14714-02				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Volatile Organic Compounds												
	VOC Extraction	Field extracted		N/A		1	OC Soil Extraction	06-Jul-10	06-Jul-10	BD	1014243	
Volatile Organic Compounds Prepared by method SW846 5035A Soil (low level)					Initial weight: 5.5 g							
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg dry	6.7	1	SW846 8260B/C	07-Jul-10	07-Jul-10	JRO	1014299	X
67-64-1	Acetone	224		µg/kg dry	66.6	1	"	"	"	"	"	X
107-13-1	Acrylonitrile	BRL		µg/kg dry	6.7	1	"	"	"	"	"	X
71-43-2	Benzene	BRL		µg/kg dry	6.7	1	"	"	"	"	"	X
108-86-1	Bromobenzene	BRL		µg/kg dry	6.7	1	"	"	"	"	"	X
74-97-5	Bromochloromethane	BRL		µg/kg dry	6.7	1	"	"	"	"	"	X
75-27-4	Bromodichloromethane	BRL		µg/kg dry	6.7	1	"	"	"	"	"	X
75-25-2	Bromoform	BRL		µg/kg dry	6.7	1	"	"	"	"	"	X
74-83-9	Bromomethane	BRL		µg/kg dry	13.3	1	"	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	66.6	1	"	"	"	"	"	X
104-51-8	n-Butylbenzene	BRL		µg/kg dry	6.7	1	"	"	"	"	"	X
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	6.7	1	"	"	"	"	"	X
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	6.7	1	"	"	"	"	"	X
75-15-0	Carbon disulfide	BRL		µg/kg dry	13.3	1	"	"	"	"	"	X
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	6.7	1	"	"	"	"	"	X
108-90-7	Chlorobenzene	BRL		µg/kg dry	6.7	1	"	"	"	"	"	X
75-00-3	Chloroethane	BRL		µg/kg dry	13.3	1	"	"	"	"	"	X
67-66-3	Chloroform	BRL		µg/kg dry	6.7	1	"	"	"	"	"	X
74-87-3	Chloromethane	BRL		µg/kg dry	13.3	1	"	"	"	"	"	X
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	6.7	1	"	"	"	"	"	X
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	6.7	1	"	"	"	"	"	X
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	13.3	1	"	"	"	"	"	X
124-48-1	Dibromochloromethane	BRL		µg/kg dry	6.7	1	"	"	"	"	"	X
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	6.7	1	"	"	"	"	"	X
74-95-3	Dibromomethane	BRL		µg/kg dry	6.7	1	"	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	6.7	1	"	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	6.7	1	"	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	6.7	1	"	"	"	"	"	X
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	13.3	1	"	"	"	"	"	X
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	6.7	1	"	"	"	"	"	X
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	6.7	1	"	"	"	"	"	X
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	6.7	1	"	"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	6.7	1	"	"	"	"	"	X
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	6.7	1	"	"	"	"	"	X
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	6.7	1	"	"	"	"	"	X
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	6.7	1	"	"	"	"	"	X
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	6.7	1	"	"	"	"	"	X
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	6.7	1	"	"	"	"	"	X
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	6.7	1	"	"	"	"	"	X
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	6.7	1	"	"	"	"	"	X
100-41-4	Ethylbenzene	BRL		µg/kg dry	6.7	1	"	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	6.7	1	"	"	"	"	"	X
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	66.6	1	"	"	"	"	"	X

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Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
SSB-1 4'-8'	171-305	Soil	01-Jul-10 13:18	02-Jul-10
SB14714-02				

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Analyst*	*Batch*	*Cert.*
Volatile Organic Compounds												
Volatile Organic Compounds						Initial weight: 5.5 g						
Prepared by method SW846 5035A Soil (low level)												
98-82-8	Isopropylbenzene	BRL		µg/kg dry	6.7	1	SW846 8260B/C	07-Jul-10	07-Jul-10	JRO	1014299	X
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	6.7	1	"	"	"	"	"	X
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	6.7	1	"	"	"	"	"	X
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	66.6	1	"	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/kg dry	13.3	1	"	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	6.7	1	"	"	"	"	"	X
103-65-1	n-Propylbenzene	BRL		µg/kg dry	6.7	1	"	"	"	"	"	X
100-42-5	Styrene	BRL		µg/kg dry	6.7	1	"	"	"	"	"	X
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	6.7	1	"	"	"	"	"	X
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	6.7	1	"	"	"	"	"	X
127-18-4	Tetrachloroethene	BRL		µg/kg dry	6.7	1	"	"	"	"	"	X
108-88-3	Toluene	BRL		µg/kg dry	6.7	1	"	"	"	"	"	X
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	6.7	1	"	"	"	"	"	
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	6.7	1	"	"	"	"	"	X
108-70-3	1,3,5-Trichlorobenzene	BRL		µg/kg dry	6.7	1	"	"	"	"	"	
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	6.7	1	"	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	6.7	1	"	"	"	"	"	X
79-01-6	Trichloroethene	BRL		µg/kg dry	6.7	1	"	"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	6.7	1	"	"	"	"	"	X
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	6.7	1	"	"	"	"	"	X
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	6.7	1	"	"	"	"	"	X
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	6.7	1	"	"	"	"	"	X
75-01-4	Vinyl chloride	BRL		µg/kg dry	6.7	1	"	"	"	"	"	X
179601-23-1	m,p-Xylene	BRL		µg/kg dry	13.3	1	"	"	"	"	"	X
95-47-6	o-Xylene	BRL		µg/kg dry	6.7	1	"	"	"	"	"	X
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	13.3	1	"	"	"	"	"	
60-29-7	Ethyl ether	BRL		µg/kg dry	6.7	1	"	"	"	"	"	
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	6.7	1	"	"	"	"	"	
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	6.7	1	"	"	"	"	"	
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	6.7	1	"	"	"	"	"	
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	66.6	1	"	"	"	"	"	X
123-91-1	1,4-Dioxane	BRL		µg/kg dry	133	1	"	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	33.3	1	"	"	"	"	"	
64-17-5	Ethanol	BRL		µg/kg dry	2660	1	"	"	"	"	"	
Surrogate recoveries:												
460-00-4	*4-Bromofluorobenzene*	*90*			*70-130 %*		"	"	"	"	"	
2037-26-5	*Toluene-d8*	*96*			*70-130 %*		"	"	"	"	"	
17060-07-0	*1,2-Dichloroethane-d4*	*130*			*70-130 %*		"	"	"	"	"	
1868-53-7	*Dibromofluoromethane*	*117*			*70-130 %*		"	"	"	"	"	
Semivolatile Organic Compounds by GCMS												
PAHs by SW846 8270C												
Prepared by method SW846 3545A												
83-32-9	Acenaphthene	BRL		µg/kg dry	156	1	SW846 8270C/D	09-Jul-10	13-Jul-10	MM	1014478	X
208-96-8	Acenaphthylene	BRL		µg/kg dry	156	1	"	"	"	"	"	X

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
SSB-1 4'-8'	171-305	Soil	01-Jul-10 13:18	02-Jul-10
SB14714-02				

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Analyst*	*Batch*	*Cert.*
Semivolatile Organic Compounds by GCMS												
PAHs by SW846 8270C												
Prepared by method SW846 3545A												
120-12-7	Anthracene	BRL		µg/kg dry	156	1	SW846 8270C/D	09-Jul-10	13-Jul-10	MM	1014478	X
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	156	1	"	"	"	"	"	X
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	156	1	"	"	"	"	"	X
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	156	1	"	"	"	"	"	X
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	156	1	"	"	"	"	"	X
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	156	1	"	"	"	"	"	X
218-01-9	Chrysene	BRL		µg/kg dry	156	1	"	"	"	"	"	X
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	156	1	"	"	"	"	"	X
206-44-0	Fluoranthene	BRL		µg/kg dry	156	1	"	"	"	"	"	X
86-73-7	Fluorene	BRL		µg/kg dry	156	1	"	"	"	"	"	X
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	156	1	"	"	"	"	"	X
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	156	1	"	"	"	"	"	
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	156	1	"	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	156	1	"	"	"	"	"	X
85-01-8	Phenanthrene	BRL		µg/kg dry	156	1	"	"	"	"	"	X
129-00-0	Pyrene	BRL		µg/kg dry	156	1	"	"	"	"	"	X
Surrogate recoveries:												
321-60-8	*2-Fluorobiphenyl*	*89*			*30-130 %*		"	"	"	"	"	
1718-51-0	*Terphenyl-dl4*	*96*			*30-130 %*		"	"	"	"	"	
Semivolatile Organic Compounds by GC												
Polychlorinated Biphenyls by SW846 8082												
Prepared by method SW846 3545A												
12674-11-2	Aroclor-1016	BRL		µg/kg dry	24.1	1	SW846 8082	09-Jul-10	10-Jul-10	SM	1014483	X
11104-28-2	Aroclor-1221	BRL		µg/kg dry	24.1	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	BRL		µg/kg dry	24.1	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	BRL		µg/kg dry	24.1	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	BRL		µg/kg dry	24.1	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	BRL		µg/kg dry	24.1	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	BRL		µg/kg dry	24.1	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	BRL		µg/kg dry	24.1	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	BRL		µg/kg dry	24.1	1	"	"	"	"	"	X
Surrogate recoveries:												
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*97*			*30-150 %*		"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*100*			*30-150 %*		"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*108*			*30-150 %*		"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*139*			*30-150 %*		"	"	"	"	"	
Extractable Petroleum Hydrocarbons												
Extractable Total Petroleum Hydrocarbons												
Prepared by method SW846 3545A												
8006-61-9	Gasoline	BRL		mg/kg dry	31.2	1	+CT ETPH	09-Jul-10	10-Jul-10	SHM	1014476	
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	31.2	1	"	"	"	"	"	
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	31.2	1	"	"	"	"	"	
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	31.2	1	"	"	"	"	"	
M09800000	Motor Oil	BRL		mg/kg dry	31.2	1	"	"	"	"	"	

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
SSB-1 4'-8'	171-305	Soil	01-Jul-10 13:18	02-Jul-10
SB14714-02				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Extractable Petroleum Hydrocarbons												
Extractable Total Petroleum Hydrocarbons Prepared by method SW846 3545A												
J00100000	Aviation Fuel	BRL		mg/kg dry	31.2	1	+CT ETPH	09-Jul-10	10-Jul-10	SHM	1014476	
	Unidentified	BRL		mg/kg dry	31.2	1	"	"	"	"	"	
	Other Oil	BRL		mg/kg dry	31.2	1	"	"	"	"	"	
	Total Petroleum Hydrocarbons	BRL		mg/kg dry	31.2	1	"	"	"	"	"	
	C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg dry	31.2	1	"	"	"	"	"	
Surrogate recoveries:												
3386-33-2	*1-Chlorooctadecane*	*80*			*50-150 %*		"	"	"	"	"	
Total Metals by EPA 6000/7000 Series Methods												
7440-38-2	Arsenic	BRL		mg/kg dry	1.59	1	SW846 6010B	09-Jul-10	10-Jul-10	TBG	1014403	X
7440-43-9	Cadmium	1.34		mg/kg dry	0.531	1	"	"	"	"	"	X
7440-47-3	Chromium	28.1		mg/kg dry	1.06	1	"	"	"	"	"	X
7439-97-6	Mercury	BRL		mg/kg dry	0.0327	1	SW846 7471A	"	10-Jul-10	HB	1014404	X
7439-92-1	Lead	14.4		mg/kg dry	1.59	1	SW846 6010B	"	12-Jul-10	LR	1014403	X
SPLP Metals by EPA 1312 & 6000/7000 Series Methods												
	SPLP Extraction	Completed		N/A		1	SW846 1312	15-Jul-10	16-Jul-10	DT	1015022	
7440-43-9	Cadmium	BRL		mg/l	0.0050	1	SW846 1312/6010B	19-Jul-10	19-Jul-10	TBG	1015078	
7440-47-3	Chromium	BRL		mg/l	0.0100	1	"	"	20-Jul-10	"	"	
7439-92-1	Lead	BRL		mg/l	0.0150	1	"	"	19-Jul-10	"	"	
General Chemistry Parameters												
	% Solids	81.9		%		1	SM2540 G Mod.	07-Jul-10	07-Jul-10	BD	1014319	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
SSB-2 2'-4'	171-305	Soil	01-Jul-10 09:06	02-Jul-10
SB14714-03				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Volatile Organic Compounds												
	VOC Extraction	Field extracted		N/A		1	OC Soil Extraction	06-Jul-10	06-Jul-10	BD	1014243	
Volatile Organic Compounds Prepared by method SW846 5035A Soil (low level)					Initial weight: 4.78 g							
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg dry	7.4	1	SW846 8260B/C	07-Jul-10	07-Jul-10	JRO	1014299	X
67-64-1	Acetone	BRL		µg/kg dry	73.8	1	"	"	"	"	"	X
107-13-1	Acrylonitrile	BRL		µg/kg dry	7.4	1	"	"	"	"	"	X
71-43-2	Benzene	BRL		µg/kg dry	7.4	1	"	"	"	"	"	X
108-86-1	Bromobenzene	BRL		µg/kg dry	7.4	1	"	"	"	"	"	X
74-97-5	Bromochloromethane	BRL		µg/kg dry	7.4	1	"	"	"	"	"	X
75-27-4	Bromodichloromethane	BRL		µg/kg dry	7.4	1	"	"	"	"	"	X
75-25-2	Bromoform	BRL		µg/kg dry	7.4	1	"	"	"	"	"	X
74-83-9	Bromomethane	BRL		µg/kg dry	14.8	1	"	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	73.8	1	"	"	"	"	"	X
104-51-8	n-Butylbenzene	BRL		µg/kg dry	7.4	1	"	"	"	"	"	X
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	7.4	1	"	"	"	"	"	X
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	7.4	1	"	"	"	"	"	X
75-15-0	Carbon disulfide	BRL		µg/kg dry	14.8	1	"	"	"	"	"	X
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	7.4	1	"	"	"	"	"	X
108-90-7	Chlorobenzene	BRL		µg/kg dry	7.4	1	"	"	"	"	"	X
75-00-3	Chloroethane	BRL		µg/kg dry	14.8	1	"	"	"	"	"	X
67-66-3	Chloroform	BRL		µg/kg dry	7.4	1	"	"	"	"	"	X
74-87-3	Chloromethane	BRL		µg/kg dry	14.8	1	"	"	"	"	"	X
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	7.4	1	"	"	"	"	"	X
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	7.4	1	"	"	"	"	"	X
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	14.8	1	"	"	"	"	"	X
124-48-1	Dibromochloromethane	BRL		µg/kg dry	7.4	1	"	"	"	"	"	X
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	7.4	1	"	"	"	"	"	X
74-95-3	Dibromomethane	BRL		µg/kg dry	7.4	1	"	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	7.4	1	"	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	7.4	1	"	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	7.4	1	"	"	"	"	"	X
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	14.8	1	"	"	"	"	"	X
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	7.4	1	"	"	"	"	"	X
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	7.4	1	"	"	"	"	"	X
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	7.4	1	"	"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	7.4	1	"	"	"	"	"	X
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	7.4	1	"	"	"	"	"	X
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	7.4	1	"	"	"	"	"	X
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	7.4	1	"	"	"	"	"	X
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	7.4	1	"	"	"	"	"	X
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	7.4	1	"	"	"	"	"	X
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	7.4	1	"	"	"	"	"	X
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	7.4	1	"	"	"	"	"	X
100-41-4	Ethylbenzene	BRL		µg/kg dry	7.4	1	"	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	7.4	1	"	"	"	"	"	X
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	73.8	1	"	"	"	"	"	X

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
SSB-2 2'-4'	171-305	Soil	01-Jul-10 09:06	02-Jul-10
SB14714-03				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Volatile Organic Compounds												
Volatile Organic Compounds												
Prepared by method SW846 5035A Soil (low level)					Initial weight: 4.78 g							
98-82-8	Isopropylbenzene	BRL		µg/kg dry	7.4	1	SW846 8260B/C	07-Jul-10	07-Jul-10	JRO	1014299	X
99-87-6	4-isopropyltoluene	BRL		µg/kg dry	7.4	1	"	"	"	"	"	X
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	7.4	1	"	"	"	"	"	X
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	73.8	1	"	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/kg dry	14.8	1	"	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	7.4	1	"	"	"	"	"	X
103-65-1	n-Propylbenzene	BRL		µg/kg dry	7.4	1	"	"	"	"	"	X
100-42-5	Styrene	BRL		µg/kg dry	7.4	1	"	"	"	"	"	X
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	7.4	1	"	"	"	"	"	X
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	7.4	1	"	"	"	"	"	X
127-18-4	Tetrachloroethene	BRL		µg/kg dry	7.4	1	"	"	"	"	"	X
108-88-3	Toluene	BRL		µg/kg dry	7.4	1	"	"	"	"	"	X
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	7.4	1	"	"	"	"	"	
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	7.4	1	"	"	"	"	"	X
108-70-3	1,3,5-Trichlorobenzene	BRL		µg/kg dry	7.4	1	"	"	"	"	"	
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	7.4	1	"	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	7.4	1	"	"	"	"	"	X
79-01-6	Trichloroethene	BRL		µg/kg dry	7.4	1	"	"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	7.4	1	"	"	"	"	"	X
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	7.4	1	"	"	"	"	"	X
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	7.4	1	"	"	"	"	"	X
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	7.4	1	"	"	"	"	"	X
75-01-4	Vinyl chloride	BRL		µg/kg dry	7.4	1	"	"	"	"	"	X
179601-23-1	m,p-Xylene	BRL		µg/kg dry	14.8	1	"	"	"	"	"	X
95-47-6	o-Xylene	BRL		µg/kg dry	7.4	1	"	"	"	"	"	X
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	14.8	1	"	"	"	"	"	
60-29-7	Ethyl ether	BRL		µg/kg dry	7.4	1	"	"	"	"	"	
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	7.4	1	"	"	"	"	"	
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	7.4	1	"	"	"	"	"	
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	7.4	1	"	"	"	"	"	
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	73.8	1	"	"	"	"	"	X
123-91-1	1,4-Dioxane	BRL		µg/kg dry	148	1	"	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	36.9	1	"	"	"	"	"	
64-17-5	Ethanol	BRL		µg/kg dry	2950	1	"	"	"	"	"	
Surrogate recoveries:												
460-00-4	*4-Bromofluorobenzene*	*95*			*70-130 %*		"	"	"	"	"	
2037-26-5	*Toluene-d8*	*98*			*70-130 %*		"	"	"	"	"	
17060-07-0	*1,2-Dichloroethane-d4*	*126*			*70-130 %*		"	"	"	"	"	
1868-53-7	*Dibromofluoromethane*	*114*			*70-130 %*		"	"	"	"	"	
Semivolatile Organic Compounds by GCMS												
PAHs by SW846 8270C			R01									
Prepared by method SW846 3545A												
83-32-9	Acenaphthene	BRL		µg/kg dry	785	5	SW846 8270C/D	09-Jul-10	13-Jul-10	MM	1014478	X
208-96-8	Acenaphthylene	4,060		µg/kg dry	785	5	"	"	"	"	"	X

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
SSB-2 2'-4'	171-305	Soil	01-Jul-10 09:06	02-Jul-10
SB14714-03				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GCMS												
PAHs by SW846 8270C			R01									
Prepared by method SW846 3545A												
120-12-7	Anthracene	4,710		µg/kg dry	785	5	SW846 8270C/D	09-Jul-10	13-Jul-10	MM	1014478	X
56-55-3	Benzo (a) anthracene	14,000		µg/kg dry	785	5	"	"	"	"	"	X
50-32-8	Benzo (a) pyrene	14,300		µg/kg dry	785	5	"	"	"	"	"	X
205-99-2	Benzo (b) fluoranthene	14,300		µg/kg dry	785	5	"	"	"	"	"	X
191-24-2	Benzo (g,h,i) perylene	7,570		µg/kg dry	785	5	"	"	"	"	"	X
207-08-9	Benzo (k) fluoranthene	11,600		µg/kg dry	785	5	"	"	"	"	"	X
218-01-9	Chrysene	14,200		µg/kg dry	785	5	"	"	"	"	"	X
53-70-3	Dibenzo (a,h) anthracene	1,830		µg/kg dry	785	5	"	"	"	"	"	X
206-44-0	Fluoranthene	23,100		µg/kg dry	785	5	"	"	"	"	"	X
86-73-7	Fluorene	BRL		µg/kg dry	785	5	"	"	"	"	"	X
193-39-5	Indeno (1,2,3-cd) pyrene	7,740		µg/kg dry	785	5	"	"	"	"	"	X
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	785	5	"	"	"	"	"	
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	785	5	"	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	785	5	"	"	"	"	"	X
85-01-8	Phenanthrene	6,690		µg/kg dry	785	5	"	"	"	"	"	X
129-00-0	Pyrene	20,800		µg/kg dry	785	5	"	"	"	"	"	X
Surrogate recoveries:												
321-60-8	*2-Fluorobiphenyl*	*107*			*30-130 %*		"	"	"	"	"	
1718-51-0	*Terphenyl-dl4*	*99*			*30-130 %*		"	"	"	"	"	
Semivolatile Organic Compounds by GC												
Polychlorinated Biphenyls by SW846 8082												
Prepared by method SW846 3545A												
12674-11-2	Aroclor-1016	BRL		µg/kg dry	24.0	1	SW846 8082	09-Jul-10	10-Jul-10	SM	1014483	X
11104-28-2	Aroclor-1221	BRL		µg/kg dry	24.0	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	BRL		µg/kg dry	24.0	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	BRL		µg/kg dry	24.0	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	BRL		µg/kg dry	24.0	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	BRL		µg/kg dry	24.0	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	BRL		µg/kg dry	24.0	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	BRL		µg/kg dry	24.0	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	BRL		µg/kg dry	24.0	1	"	"	"	"	"	X
Surrogate recoveries:												
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*80*			*30-150 %*		"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*102*			*30-150 %*		"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*71*			*30-150 %*		"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*118*			*30-150 %*		"	"	"	"	"	
Extractable Petroleum Hydrocarbons												
Extractable Total Petroleum Hydrocarbons			R01									
Prepared by method SW846 3545A												
8006-61-9	Gasoline	BRL		mg/kg dry	62.8	2	+CT ETPH	09-Jul-10	12-Jul-10	SHM	1014476	
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	62.8	2	"	"	"	"	"	
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	62.8	2	"	"	"	"	"	
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	62.8	2	"	"	"	"	"	
M09800000	Motor Oil	BRL		mg/kg dry	62.8	2	"	"	"	"	"	

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
SSB-2 2'-4'	171-305	Soil	01-Jul-10 09:06	02-Jul-10
SB14714-03				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Extractable Petroleum Hydrocarbons												
Extractable Total Petroleum Hydrocarbons Prepared by method SW846 3545A			R01									
J00100000	Aviation Fuel	BRL		mg/kg dry	62.8	2	+CT ETPH	09-Jul-10	12-Jul-10	SHM	1014476	
	Unidentified	761		mg/kg dry	62.8	2	"	"	"	"	"	
	Other Oil	Calculated as		mg/kg dry	62.8	2	"	"	"	"	"	
	Total Petroleum Hydrocarbons	761		mg/kg dry	62.8	2	"	"	"	"	"	
	C9-C36 Aliphatic Hydrocarbons	761		mg/kg dry	62.8	2	"	"	"	"	"	
Surrogate recoveries:												
3386-33-2	*1-Chlorooctadecane*	*100*			*50-150 %*		"	"	"	"	"	
Total Metals by EPA 6000/7000 Series Methods												
7440-38-2	Arsenic	BRL		mg/kg dry	1.68	1	SW846 6010B	09-Jul-10	10-Jul-10	TBG	1014403	X
7440-43-9	Cadmium	0.708		mg/kg dry	0.562	1	"	"	"	"	"	X
7440-47-3	Chromium	16.7		mg/kg dry	1.12	1	"	"	"	"	"	X
7439-97-6	Mercury	0.0691		mg/kg dry	0.0333	1	SW846 7471A	"	10-Jul-10	HB	1014404	X
7439-92-1	Lead	23.2		mg/kg dry	1.68	1	SW846 6010B	"	12-Jul-10	LR	1014403	X
SPLP Metals by EPA 1312 & 6000/7000 Series Methods												
	SPLP Extraction	Completed		N/A		1	SW846 1312	15-Jul-10	16-Jul-10	DT	1015022	
7440-47-3	Chromium	BRL		mg/l	0.0100	1	SW846 1312/6010B	19-Jul-10	19-Jul-10	TBG	1015078	
7439-92-1	Lead	BRL		mg/l	0.0150	1	"	"	"	"	"	
General Chemistry Parameters												
	% Solids	82.6		%		1	SM2540 G Mod.	07-Jul-10	07-Jul-10	BD	1014319	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
SSB-2 4'-8'	171-305	Soil	01-Jul-10 09:15	02-Jul-10
SB14714-04				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Volatile Organic Compounds												
	VOC Extraction	Field extracted		N/A		1	OC Soil Extraction	06-Jul-10	06-Jul-10	BD	1014243	
Volatile Organic Compounds Prepared by method SW846 5035A Soil (low level)					Initial weight: 5.05 g							
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg dry	8.4	1	SW846 8260B/C	07-Jul-10	07-Jul-10	JRO	1014299	X
67-64-1	Acetone	BRL		µg/kg dry	83.6	1	"	"	"	"	"	X
107-13-1	Acrylonitrile	BRL		µg/kg dry	8.4	1	"	"	"	"	"	X
71-43-2	Benzene	BRL		µg/kg dry	8.4	1	"	"	"	"	"	X
108-86-1	Bromobenzene	BRL		µg/kg dry	8.4	1	"	"	"	"	"	X
74-97-5	Bromochloromethane	BRL		µg/kg dry	8.4	1	"	"	"	"	"	X
75-27-4	Bromodichloromethane	BRL		µg/kg dry	8.4	1	"	"	"	"	"	X
75-25-2	Bromoform	BRL		µg/kg dry	8.4	1	"	"	"	"	"	X
74-83-9	Bromomethane	BRL		µg/kg dry	16.7	1	"	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	83.6	1	"	"	"	"	"	X
104-51-8	n-Butylbenzene	BRL		µg/kg dry	8.4	1	"	"	"	"	"	X
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	8.4	1	"	"	"	"	"	X
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	8.4	1	"	"	"	"	"	X
75-15-0	Carbon disulfide	BRL		µg/kg dry	16.7	1	"	"	"	"	"	X
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	8.4	1	"	"	"	"	"	X
108-90-7	Chlorobenzene	BRL		µg/kg dry	8.4	1	"	"	"	"	"	X
75-00-3	Chloroethane	BRL		µg/kg dry	16.7	1	"	"	"	"	"	X
67-66-3	Chloroform	BRL		µg/kg dry	8.4	1	"	"	"	"	"	X
74-87-3	Chloromethane	BRL		µg/kg dry	16.7	1	"	"	"	"	"	X
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	8.4	1	"	"	"	"	"	X
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	8.4	1	"	"	"	"	"	X
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	16.7	1	"	"	"	"	"	X
124-48-1	Dibromochloromethane	BRL		µg/kg dry	8.4	1	"	"	"	"	"	X
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	8.4	1	"	"	"	"	"	X
74-95-3	Dibromomethane	BRL		µg/kg dry	8.4	1	"	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	8.4	1	"	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	8.4	1	"	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	8.4	1	"	"	"	"	"	X
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	16.7	1	"	"	"	"	"	X
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	8.4	1	"	"	"	"	"	X
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	8.4	1	"	"	"	"	"	X
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	8.4	1	"	"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	8.4	1	"	"	"	"	"	X
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	8.4	1	"	"	"	"	"	X
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	8.4	1	"	"	"	"	"	X
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	8.4	1	"	"	"	"	"	X
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	8.4	1	"	"	"	"	"	X
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	8.4	1	"	"	"	"	"	X
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	8.4	1	"	"	"	"	"	X
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	8.4	1	"	"	"	"	"	X
100-41-4	Ethylbenzene	BRL		µg/kg dry	8.4	1	"	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	8.4	1	"	"	"	"	"	X
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	83.6	1	"	"	"	"	"	X

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
SSB-2 4'-8'	171-305	Soil	01-Jul-10 09:15	02-Jul-10
SB14714-04				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Volatile Organic Compounds												
Volatile Organic Compounds												
Prepared by method SW846 5035A Soil (low level)					Initial weight: 5.05 g							
98-82-8	Isopropylbenzene	BRL		µg/kg dry	8.4	1	SW846 8260B/C	07-Jul-10	07-Jul-10	JRO	1014299	X
99-87-6	4-isopropyltoluene	BRL		µg/kg dry	8.4	1	"	"	"	"	"	X
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	8.4	1	"	"	"	"	"	X
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	83.6	1	"	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/kg dry	16.7	1	"	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	8.4	1	"	"	"	"	"	X
103-65-1	n-Propylbenzene	BRL		µg/kg dry	8.4	1	"	"	"	"	"	X
100-42-5	Styrene	BRL		µg/kg dry	8.4	1	"	"	"	"	"	X
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	8.4	1	"	"	"	"	"	X
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	8.4	1	"	"	"	"	"	X
127-18-4	Tetrachloroethene	BRL		µg/kg dry	8.4	1	"	"	"	"	"	X
108-88-3	Toluene	BRL		µg/kg dry	8.4	1	"	"	"	"	"	X
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	8.4	1	"	"	"	"	"	
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	8.4	1	"	"	"	"	"	X
108-70-3	1,3,5-Trichlorobenzene	BRL		µg/kg dry	8.4	1	"	"	"	"	"	
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	8.4	1	"	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	8.4	1	"	"	"	"	"	X
79-01-6	Trichloroethene	BRL		µg/kg dry	8.4	1	"	"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	8.4	1	"	"	"	"	"	X
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	8.4	1	"	"	"	"	"	X
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	8.4	1	"	"	"	"	"	X
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	8.4	1	"	"	"	"	"	X
75-01-4	Vinyl chloride	BRL		µg/kg dry	8.4	1	"	"	"	"	"	X
179601-23-1	m,p-Xylene	BRL		µg/kg dry	16.7	1	"	"	"	"	"	X
95-47-6	o-Xylene	BRL		µg/kg dry	8.4	1	"	"	"	"	"	X
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	16.7	1	"	"	"	"	"	
60-29-7	Ethyl ether	BRL		µg/kg dry	8.4	1	"	"	"	"	"	
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	8.4	1	"	"	"	"	"	
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	8.4	1	"	"	"	"	"	
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	8.4	1	"	"	"	"	"	
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	83.6	1	"	"	"	"	"	X
123-91-1	1,4-Dioxane	BRL		µg/kg dry	167	1	"	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	41.8	1	"	"	"	"	"	
64-17-5	Ethanol	BRL		µg/kg dry	3340	1	"	"	"	"	"	
Surrogate recoveries:												
460-00-4	*4-Bromofluorobenzene*	*97*			*70-130 %*		"	"	"	"	"	
2037-26-5	*Toluene-d8*	*99*			*70-130 %*		"	"	"	"	"	
17060-07-0	*1,2-Dichloroethane-d4*	*128*			*70-130 %*		"	"	"	"	"	
1868-53-7	*Dibromofluoromethane*	*113*			*70-130 %*		"	"	"	"	"	
Semivolatile Organic Compounds by GCMS												
PAHs by SW846 8270C												
Prepared by method SW846 3545A												
83-32-9	Acenaphthene	BRL		µg/kg dry	175	1	SW846 8270C/D	09-Jul-10	13-Jul-10	MM	1014478	X
208-96-8	Acenaphthylene	BRL		µg/kg dry	175	1	"	"	"	"	"	X

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
SSB-2 4'-8'	171-305	Soil	01-Jul-10 09:15	02-Jul-10
SB14714-04				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GCMS												
PAHs by SW846 8270C												
Prepared by method SW846 3545A												
120-12-7	Anthracene	BRL		µg/kg dry	175	1	SW846 8270C/D	09-Jul-10	13-Jul-10	MM	1014478	X
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	175	1	"	"	"	"	"	X
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	175	1	"	"	"	"	"	X
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	175	1	"	"	"	"	"	X
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	175	1	"	"	"	"	"	X
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	175	1	"	"	"	"	"	X
218-01-9	Chrysene	BRL		µg/kg dry	175	1	"	"	"	"	"	X
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	175	1	"	"	"	"	"	X
206-44-0	Fluoranthene	BRL		µg/kg dry	175	1	"	"	"	"	"	X
86-73-7	Fluorene	BRL		µg/kg dry	175	1	"	"	"	"	"	X
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	175	1	"	"	"	"	"	X
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	175	1	"	"	"	"	"	
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	175	1	"	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	175	1	"	"	"	"	"	X
85-01-8	Phenanthrene	BRL		µg/kg dry	175	1	"	"	"	"	"	X
129-00-0	Pyrene	BRL		µg/kg dry	175	1	"	"	"	"	"	X
Surrogate recoveries:												
321-60-8	*2-Fluorobiphenyl*	*86*			*30-130 %*		"	"	"	"	"	
1718-51-0	*Terphenyl-d14*	*92*			*30-130 %*		"	"	"	"	"	
Semivolatile Organic Compounds by GC												
Polychlorinated Biphenyls by SW846 8082												
Prepared by method SW846 3545A												
12674-11-2	Aroclor-1016	BRL		µg/kg dry	26.4	1	SW846 8082	09-Jul-10	10-Jul-10	SM	1014483	X
11104-28-2	Aroclor-1221	BRL		µg/kg dry	26.4	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	BRL		µg/kg dry	26.4	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	BRL		µg/kg dry	26.4	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	BRL		µg/kg dry	26.4	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	BRL		µg/kg dry	26.4	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	BRL		µg/kg dry	26.4	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	BRL		µg/kg dry	26.4	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	BRL		µg/kg dry	26.4	1	"	"	"	"	"	X
Surrogate recoveries:												
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*80*			*30-150 %*		"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*87*			*30-150 %*		"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*80*			*30-150 %*		"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*106*			*30-150 %*		"	"	"	"	"	
Extractable Petroleum Hydrocarbons												
Extractable Total Petroleum Hydrocarbons												
Prepared by method SW846 3545A												
8006-61-9	Gasoline	BRL		mg/kg dry	35.0	1	+CT ETPH	09-Jul-10	10-Jul-10	SHM	1014476	
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	35.0	1	"	"	"	"	"	
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	35.0	1	"	"	"	"	"	
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	35.0	1	"	"	"	"	"	
M09800000	Motor Oil	BRL		mg/kg dry	35.0	1	"	"	"	"	"	

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
SSB-2 4'-8'	171-305	Soil	01-Jul-10 09:15	02-Jul-10
SB14714-04				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Extractable Petroleum Hydrocarbons												
Extractable Total Petroleum Hydrocarbons Prepared by method SW846 3545A												
J00100000	Aviation Fuel	BRL		mg/kg dry	35.0	1	+CT ETPH	09-Jul-10	10-Jul-10	SHM	1014476	
	Unidentified	BRL		mg/kg dry	35.0	1	"	"	"	"	"	
	Other Oil	BRL		mg/kg dry	35.0	1	"	"	"	"	"	
	Total Petroleum Hydrocarbons	BRL		mg/kg dry	35.0	1	"	"	"	"	"	
	C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg dry	35.0	1	"	"	"	"	"	
Surrogate recoveries:												
3386-33-2	*1-Chlorooctadecane*	*80*			*50-150 %*		"	"	"	"	"	
Total Metals by EPA 6000/7000 Series Methods												
7440-38-2	Arsenic	BRL		mg/kg dry	1.77	1	SW846 6010B	09-Jul-10	10-Jul-10	TBG	1014403	X
7440-43-9	Cadmium	1.51		mg/kg dry	0.591	1	"	"	"	"	"	X
7440-47-3	Chromium	48.6		mg/kg dry	1.18	1	"	"	"	"	"	X
7439-97-6	Mercury	BRL		mg/kg dry	0.0397	1	SW846 7471A	"	10-Jul-10	HB	1014404	X
7439-92-1	Lead	14.9		mg/kg dry	1.77	1	SW846 6010B	"	12-Jul-10	LR	1014403	X
SPLP Metals by EPA 1312 & 6000/7000 Series Methods												
	SPLP Extraction	Completed		N/A		1	SW846 1312	15-Jul-10	16-Jul-10	DT	1015022	
7440-43-9	Cadmium	BRL		mg/l	0.0050	1	SW846 1312/6010B	19-Jul-10	19-Jul-10	TBG	1015078	
7440-47-3	Chromium	BRL		mg/l	0.0100	1	"	"	"	"	"	
7439-92-1	Lead	BRL		mg/l	0.0150	1	"	"	"	"	"	
General Chemistry Parameters												
	% Solids	74.5		%		1	SM2540 G Mod.	07-Jul-10	07-Jul-10	BD	1014319	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
SSB-3 2'-4'	171-305	Soil	01-Jul-10 09:35	02-Jul-10
SB14714-05				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Volatile Organic Compounds												
	VOC Extraction	Field extracted		N/A		1	OC Soil Extraction	06-Jul-10	06-Jul-10	BD	1014243	
Volatile Organic Compounds Prepared by method SW846 5035A Soil (low level)					Initial weight: 5.12 g							
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg dry	7.7	1	SW846 8260B/C	07-Jul-10	07-Jul-10	JRO	1014299	X
67-64-1	Acetone	BRL		µg/kg dry	76.5	1	"	"	"	"	"	X
107-13-1	Acrylonitrile	BRL		µg/kg dry	7.7	1	"	"	"	"	"	X
71-43-2	Benzene	BRL		µg/kg dry	7.7	1	"	"	"	"	"	X
108-86-1	Bromobenzene	BRL		µg/kg dry	7.7	1	"	"	"	"	"	X
74-97-5	Bromochloromethane	BRL		µg/kg dry	7.7	1	"	"	"	"	"	X
75-27-4	Bromodichloromethane	BRL		µg/kg dry	7.7	1	"	"	"	"	"	X
75-25-2	Bromoform	BRL		µg/kg dry	7.7	1	"	"	"	"	"	X
74-83-9	Bromomethane	BRL		µg/kg dry	15.3	1	"	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	76.5	1	"	"	"	"	"	X
104-51-8	n-Butylbenzene	BRL		µg/kg dry	7.7	1	"	"	"	"	"	X
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	7.7	1	"	"	"	"	"	X
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	7.7	1	"	"	"	"	"	X
75-15-0	Carbon disulfide	BRL		µg/kg dry	15.3	1	"	"	"	"	"	X
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	7.7	1	"	"	"	"	"	X
108-90-7	Chlorobenzene	BRL		µg/kg dry	7.7	1	"	"	"	"	"	X
75-00-3	Chloroethane	BRL		µg/kg dry	15.3	1	"	"	"	"	"	X
67-66-3	Chloroform	BRL		µg/kg dry	7.7	1	"	"	"	"	"	X
74-87-3	Chloromethane	BRL		µg/kg dry	15.3	1	"	"	"	"	"	X
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	7.7	1	"	"	"	"	"	X
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	7.7	1	"	"	"	"	"	X
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	15.3	1	"	"	"	"	"	X
124-48-1	Dibromochloromethane	BRL		µg/kg dry	7.7	1	"	"	"	"	"	X
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	7.7	1	"	"	"	"	"	X
74-95-3	Dibromomethane	BRL		µg/kg dry	7.7	1	"	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	7.7	1	"	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	7.7	1	"	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	7.7	1	"	"	"	"	"	X
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	15.3	1	"	"	"	"	"	X
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	7.7	1	"	"	"	"	"	X
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	7.7	1	"	"	"	"	"	X
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	7.7	1	"	"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	7.7	1	"	"	"	"	"	X
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	7.7	1	"	"	"	"	"	X
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	7.7	1	"	"	"	"	"	X
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	7.7	1	"	"	"	"	"	X
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	7.7	1	"	"	"	"	"	X
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	7.7	1	"	"	"	"	"	X
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	7.7	1	"	"	"	"	"	X
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	7.7	1	"	"	"	"	"	X
100-41-4	Ethylbenzene	BRL		µg/kg dry	7.7	1	"	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	7.7	1	"	"	"	"	"	X
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	76.5	1	"	"	"	"	"	X

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
SSB-3 2'-4'	171-305	Soil	01-Jul-10 09:35	02-Jul-10
SB14714-05				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Volatile Organic Compounds												
Volatile Organic Compounds												
Prepared by method SW846 5035A Soil (low level)					Initial weight: 5.12 g							
98-82-8	Isopropylbenzene	BRL		µg/kg dry	7.7	1	SW846 8260B/C	07-Jul-10	07-Jul-10	JRO	1014299	X
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	7.7	1	"	"	"	"	"	X
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	7.7	1	"	"	"	"	"	X
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	76.5	1	"	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/kg dry	15.3	1	"	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	7.7	1	"	"	"	"	"	X
103-65-1	n-Propylbenzene	BRL		µg/kg dry	7.7	1	"	"	"	"	"	X
100-42-5	Styrene	BRL		µg/kg dry	7.7	1	"	"	"	"	"	X
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	7.7	1	"	"	"	"	"	X
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	7.7	1	"	"	"	"	"	X
127-18-4	Tetrachloroethene	BRL		µg/kg dry	7.7	1	"	"	"	"	"	X
108-88-3	Toluene	BRL		µg/kg dry	7.7	1	"	"	"	"	"	X
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	7.7	1	"	"	"	"	"	
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	7.7	1	"	"	"	"	"	X
108-70-3	1,3,5-Trichlorobenzene	BRL		µg/kg dry	7.7	1	"	"	"	"	"	
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	7.7	1	"	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	7.7	1	"	"	"	"	"	X
79-01-6	Trichloroethene	BRL		µg/kg dry	7.7	1	"	"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	7.7	1	"	"	"	"	"	X
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	7.7	1	"	"	"	"	"	X
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	7.7	1	"	"	"	"	"	X
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	7.7	1	"	"	"	"	"	X
75-01-4	Vinyl chloride	BRL		µg/kg dry	7.7	1	"	"	"	"	"	X
179601-23-1	m,p-Xylene	BRL		µg/kg dry	15.3	1	"	"	"	"	"	X
95-47-6	o-Xylene	BRL		µg/kg dry	7.7	1	"	"	"	"	"	X
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	15.3	1	"	"	"	"	"	
60-29-7	Ethyl ether	BRL		µg/kg dry	7.7	1	"	"	"	"	"	
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	7.7	1	"	"	"	"	"	
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	7.7	1	"	"	"	"	"	
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	7.7	1	"	"	"	"	"	
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	76.5	1	"	"	"	"	"	X
123-91-1	1,4-Dioxane	BRL		µg/kg dry	153	1	"	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	38.3	1	"	"	"	"	"	
64-17-5	Ethanol	BRL		µg/kg dry	3060	1	"	"	"	"	"	
Surrogate recoveries:												
460-00-4	*4-Bromofluorobenzene*	*92*			*70-130 %*		"	"	"	"	"	
2037-26-5	*Toluene-d8*	*101*			*70-130 %*		"	"	"	"	"	
17060-07-0	*1,2-Dichloroethane-d4*	*135*	SGC		*70-130 %*		"	"	"	"	"	
1868-53-7	*Dibromofluoromethane*	*119*			*70-130 %*		"	"	"	"	"	
Semivolatile Organic Compounds by GCMS												
PAHs by SW846 8270C												
Prepared by method SW846 3545A												
83-32-9	Acenaphthene	BRL		µg/kg dry	167	1	SW846 8270C/D	09-Jul-10	13-Jul-10	MM	1014478	X
208-96-8	Acenaphthylene	BRL		µg/kg dry	167	1	"	"	"	"	"	X

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Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
SSB-3 2'-4'	171-305	Soil	01-Jul-10 09:35	02-Jul-10
SB14714-05				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GCMS												
PAHs by SW846 8270C												
Prepared by method SW846 3545A												
120-12-7	Anthracene	BRL		µg/kg dry	167	1	SW846 8270C/D	09-Jul-10	13-Jul-10	MM	1014478	X
56-55-3	Benzo (a) anthracene	338		µg/kg dry	167	1	"	"	"	"	"	X
50-32-8	Benzo (a) pyrene	318		µg/kg dry	167	1	"	"	"	"	"	X
205-99-2	Benzo (b) fluoranthene	251		µg/kg dry	167	1	"	"	"	"	"	X
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	167	1	"	"	"	"	"	X
207-08-9	Benzo (k) fluoranthene	351		µg/kg dry	167	1	"	"	"	"	"	X
218-01-9	Chrysene	328		µg/kg dry	167	1	"	"	"	"	"	X
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	167	1	"	"	"	"	"	X
206-44-0	Fluoranthene	468		µg/kg dry	167	1	"	"	"	"	"	X
86-73-7	Fluorene	BRL		µg/kg dry	167	1	"	"	"	"	"	X
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	167	1	"	"	"	"	"	X
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	167	1	"	"	"	"	"	
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	167	1	"	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	167	1	"	"	"	"	"	X
85-01-8	Phenanthrene	BRL		µg/kg dry	167	1	"	"	"	"	"	X
129-00-0	Pyrene	462		µg/kg dry	167	1	"	"	"	"	"	X
Surrogate recoveries:												
321-60-8	*2-Fluorobiphenyl*	*85*			*30-130 %*		"	"	"	"	"	
1718-51-0	*Terphenyl-dl4*	*90*			*30-130 %*		"	"	"	"	"	
Semivolatile Organic Compounds by GC												
Polychlorinated Biphenyls by SW846 8082												
Prepared by method SW846 3545A												
12674-11-2	Aroclor-1016	BRL		µg/kg dry	24.7	1	SW846 8082	09-Jul-10	10-Jul-10	SM	1014483	X
11104-28-2	Aroclor-1221	BRL		µg/kg dry	24.7	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	BRL		µg/kg dry	24.7	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	BRL		µg/kg dry	24.7	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	BRL		µg/kg dry	24.7	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	BRL		µg/kg dry	24.7	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	BRL		µg/kg dry	24.7	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	BRL		µg/kg dry	24.7	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	BRL		µg/kg dry	24.7	1	"	"	"	"	"	X
Surrogate recoveries:												
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*87*			*30-150 %*		"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*94*			*30-150 %*		"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*87*			*30-150 %*		"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*109*			*30-150 %*		"	"	"	"	"	
Extractable Petroleum Hydrocarbons												
Extractable Total Petroleum Hydrocarbons												
Prepared by method SW846 3545A												
8006-61-9	Gasoline	BRL		mg/kg dry	33.4	1	+CT ETPH	09-Jul-10	10-Jul-10	SHM	1014476	
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	33.4	1	"	"	"	"	"	
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	33.4	1	"	"	"	"	"	
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	33.4	1	"	"	"	"	"	
M09800000	Motor Oil	BRL		mg/kg dry	33.4	1	"	"	"	"	"	

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
SSB-3 2'-4'	171-305	Soil	01-Jul-10 09:35	02-Jul-10
SB14714-05				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Extractable Petroleum Hydrocarbons												
Extractable Total Petroleum Hydrocarbons Prepared by method SW846 3545A												
J00100000	Aviation Fuel	BRL		mg/kg dry	33.4	1	+CT ETPH	09-Jul-10	10-Jul-10	SHM	1014476	
	Unidentified	BRL		mg/kg dry	33.4	1	"	"	"	"	"	
	Other Oil	BRL		mg/kg dry	33.4	1	"	"	"	"	"	
	Total Petroleum Hydrocarbons	BRL		mg/kg dry	33.4	1	"	"	"	"	"	
	C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg dry	33.4	1	"	"	"	"	"	
Surrogate recoveries:												
3386-33-2	*1-Chlorooctadecane*	*77*			*50-150 %*		"	"	"	"	"	
Total Metals by EPA 6000/7000 Series Methods												
7440-38-2	Arsenic	4.66		mg/kg dry	1.77	1	SW846 6010B	09-Jul-10	10-Jul-10	TBG	1014403	X
7440-43-9	Cadmium	BRL		mg/kg dry	0.592	1	"	"	"	"	"	X
7440-47-3	Chromium	13.1		mg/kg dry	1.18	1	"	"	"	"	"	X
7439-97-6	Mercury	0.794		mg/kg dry	0.0383	1	SW846 7471A	"	10-Jul-10	HB	1014404	X
7439-92-1	Lead	157		mg/kg dry	1.77	1	SW846 6010B	"	12-Jul-10	LR	1014403	X
SPLP Metals by EPA 1312 & 6000/7000 Series Methods												
	SPLP Extraction	Completed		N/A		1	SW846 1312	15-Jul-10	16-Jul-10	DT	1015022	
7440-47-3	Chromium	BRL		mg/l	0.0100	1	SW846 1312/6010B	19-Jul-10	20-Jul-10	JB	1015078	
7439-97-6	Mercury	BRL		mg/l	0.00020	1	SW846 1312/7470A	19-Jul-10	19-Jul-10	HB	1015079	
7439-92-1	Lead	0.0996		mg/l	0.0150	1	SW846 1312/6010B	19-Jul-10	19-Jul-10	TBG	1015078	
General Chemistry Parameters												
	% Solids	78.1		%		1	SM2540 G Mod.	07-Jul-10	07-Jul-10	BD	1014319	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
SSB-3 4'-8'	171-305	Soil	01-Jul-10 09:43	02-Jul-10
SB14714-06				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Volatile Organic Compounds												
	VOC Extraction	Field extracted		N/A		1	OC Soil Extraction	06-Jul-10	06-Jul-10	BD	1014243	
Volatile Organic Compounds Prepared by method SW846 5035A Soil (low level)					Initial weight: 5.11 g							
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg dry	7.0	1	SW846 8260B/C	07-Jul-10	07-Jul-10	JRO	1014299	X
67-64-1	Acetone	BRL		µg/kg dry	70.2	1	"	"	"	"	"	X
107-13-1	Acrylonitrile	BRL		µg/kg dry	7.0	1	"	"	"	"	"	X
71-43-2	Benzene	BRL		µg/kg dry	7.0	1	"	"	"	"	"	X
108-86-1	Bromobenzene	BRL		µg/kg dry	7.0	1	"	"	"	"	"	X
74-97-5	Bromochloromethane	BRL		µg/kg dry	7.0	1	"	"	"	"	"	X
75-27-4	Bromodichloromethane	BRL		µg/kg dry	7.0	1	"	"	"	"	"	X
75-25-2	Bromoform	BRL		µg/kg dry	7.0	1	"	"	"	"	"	X
74-83-9	Bromomethane	BRL		µg/kg dry	14.0	1	"	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	70.2	1	"	"	"	"	"	X
104-51-8	n-Butylbenzene	BRL		µg/kg dry	7.0	1	"	"	"	"	"	X
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	7.0	1	"	"	"	"	"	X
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	7.0	1	"	"	"	"	"	X
75-15-0	Carbon disulfide	BRL		µg/kg dry	14.0	1	"	"	"	"	"	X
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	7.0	1	"	"	"	"	"	X
108-90-7	Chlorobenzene	BRL		µg/kg dry	7.0	1	"	"	"	"	"	X
75-00-3	Chloroethane	BRL		µg/kg dry	14.0	1	"	"	"	"	"	X
67-66-3	Chloroform	BRL		µg/kg dry	7.0	1	"	"	"	"	"	X
74-87-3	Chloromethane	BRL		µg/kg dry	14.0	1	"	"	"	"	"	X
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	7.0	1	"	"	"	"	"	X
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	7.0	1	"	"	"	"	"	X
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	14.0	1	"	"	"	"	"	X
124-48-1	Dibromochloromethane	BRL		µg/kg dry	7.0	1	"	"	"	"	"	X
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	7.0	1	"	"	"	"	"	X
74-95-3	Dibromomethane	BRL		µg/kg dry	7.0	1	"	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	7.0	1	"	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	7.0	1	"	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	7.0	1	"	"	"	"	"	X
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	14.0	1	"	"	"	"	"	X
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	7.0	1	"	"	"	"	"	X
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	7.0	1	"	"	"	"	"	X
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	7.0	1	"	"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	7.0	1	"	"	"	"	"	X
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	7.0	1	"	"	"	"	"	X
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	7.0	1	"	"	"	"	"	X
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	7.0	1	"	"	"	"	"	X
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	7.0	1	"	"	"	"	"	X
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	7.0	1	"	"	"	"	"	X
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	7.0	1	"	"	"	"	"	X
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	7.0	1	"	"	"	"	"	X
100-41-4	Ethylbenzene	BRL		µg/kg dry	7.0	1	"	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	7.0	1	"	"	"	"	"	X
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	70.2	1	"	"	"	"	"	X

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
SSB-3 4'-8'	171-305	Soil	01-Jul-10 09:43	02-Jul-10
SB14714-06				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Volatile Organic Compounds												
Volatile Organic Compounds												
Prepared by method SW846 5035A Soil (low level)					Initial weight: 5.11 g							
98-82-8	Isopropylbenzene	BRL		µg/kg dry	7.0	1	SW846 8260B/C	07-Jul-10	07-Jul-10	JRO	1014299	X
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	7.0	1	"	"	"	"	"	X
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	7.0	1	"	"	"	"	"	X
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	70.2	1	"	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/kg dry	14.0	1	"	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	7.0	1	"	"	"	"	"	X
103-65-1	n-Propylbenzene	BRL		µg/kg dry	7.0	1	"	"	"	"	"	X
100-42-5	Styrene	BRL		µg/kg dry	7.0	1	"	"	"	"	"	X
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	7.0	1	"	"	"	"	"	X
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	7.0	1	"	"	"	"	"	X
127-18-4	Tetrachloroethene	BRL		µg/kg dry	7.0	1	"	"	"	"	"	X
108-88-3	Toluene	BRL		µg/kg dry	7.0	1	"	"	"	"	"	X
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	7.0	1	"	"	"	"	"	
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	7.0	1	"	"	"	"	"	X
108-70-3	1,3,5-Trichlorobenzene	BRL		µg/kg dry	7.0	1	"	"	"	"	"	
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	7.0	1	"	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	7.0	1	"	"	"	"	"	X
79-01-6	Trichloroethene	BRL		µg/kg dry	7.0	1	"	"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	7.0	1	"	"	"	"	"	X
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	7.0	1	"	"	"	"	"	X
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	7.0	1	"	"	"	"	"	X
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	7.0	1	"	"	"	"	"	X
75-01-4	Vinyl chloride	BRL		µg/kg dry	7.0	1	"	"	"	"	"	X
179601-23-1	m,p-Xylene	BRL		µg/kg dry	14.0	1	"	"	"	"	"	X
95-47-6	o-Xylene	BRL		µg/kg dry	7.0	1	"	"	"	"	"	X
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	14.0	1	"	"	"	"	"	
60-29-7	Ethyl ether	BRL		µg/kg dry	7.0	1	"	"	"	"	"	
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	7.0	1	"	"	"	"	"	
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	7.0	1	"	"	"	"	"	
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	7.0	1	"	"	"	"	"	
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	70.2	1	"	"	"	"	"	X
123-91-1	1,4-Dioxane	BRL		µg/kg dry	140	1	"	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	35.1	1	"	"	"	"	"	
64-17-5	Ethanol	BRL		µg/kg dry	2810	1	"	"	"	"	"	
Surrogate recoveries:												
460-00-4	*4-Bromofluorobenzene*	*103*			*70-130 %*		"	"	"	"	"	
2037-26-5	*Toluene-d8*	*100*			*70-130 %*		"	"	"	"	"	
17060-07-0	*1,2-Dichloroethane-d4*	*129*			*70-130 %*		"	"	"	"	"	
1868-53-7	*Dibromofluoromethane*	*112*			*70-130 %*		"	"	"	"	"	
Semivolatile Organic Compounds by GCMS												
PAHs by SW846 8270C												
Prepared by method SW846 3545A												
83-32-9	Acenaphthene	BRL		µg/kg dry	157	1	SW846 8270C/D	09-Jul-10	14-Jul-10	MSL	1014478	X
208-96-8	Acenaphthylene	BRL		µg/kg dry	157	1	"	"	"	"	"	X

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
SSB-3 4'-8'	171-305	Soil	01-Jul-10 09:43	02-Jul-10
SB14714-06				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GCMS												
PAHs by SW846 8270C												
Prepared by method SW846 3545A												
120-12-7	Anthracene	BRL		µg/kg dry	157	1	SW846 8270C/D	09-Jul-10	14-Jul-10	MSL	1014478	X
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	157	1	"	"	"	"	"	X
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	157	1	"	"	"	"	"	X
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	157	1	"	"	"	"	"	X
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	157	1	"	"	"	"	"	X
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	157	1	"	"	"	"	"	X
218-01-9	Chrysene	BRL		µg/kg dry	157	1	"	"	"	"	"	X
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	157	1	"	"	"	"	"	X
206-44-0	Fluoranthene	BRL		µg/kg dry	157	1	"	"	"	"	"	X
86-73-7	Fluorene	BRL		µg/kg dry	157	1	"	"	"	"	"	X
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	157	1	"	"	"	"	"	X
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	157	1	"	"	"	"	"	
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	157	1	"	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	157	1	"	"	"	"	"	X
85-01-8	Phenanthrene	BRL		µg/kg dry	157	1	"	"	"	"	"	X
129-00-0	Pyrene	BRL		µg/kg dry	157	1	"	"	"	"	"	X
Surrogate recoveries:												
321-60-8	*2-Fluorobiphenyl*	*91*			*30-130 %*		"	"	"	"	"	
1718-51-0	*Terphenyl-dl4*	*92*			*30-130 %*		"	"	"	"	"	
Semivolatile Organic Compounds by GC												
Polychlorinated Biphenyls by SW846 8082												
Prepared by method SW846 3545A												
12674-11-2	Aroclor-1016	BRL		µg/kg dry	24.0	1	SW846 8082	09-Jul-10	10-Jul-10	SM	1014483	X
11104-28-2	Aroclor-1221	BRL		µg/kg dry	24.0	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	BRL		µg/kg dry	24.0	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	BRL		µg/kg dry	24.0	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	BRL		µg/kg dry	24.0	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	BRL		µg/kg dry	24.0	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	BRL		µg/kg dry	24.0	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	BRL		µg/kg dry	24.0	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	BRL		µg/kg dry	24.0	1	"	"	"	"	"	X
Surrogate recoveries:												
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*79*			*30-150 %*		"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*101*			*30-150 %*		"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*104*			*30-150 %*		"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*119*			*30-150 %*		"	"	"	"	"	
Extractable Petroleum Hydrocarbons												
Extractable Total Petroleum Hydrocarbons												
Prepared by method SW846 3545A												
8006-61-9	Gasoline	BRL		mg/kg dry	31.5	1	+CT ETPH	09-Jul-10	10-Jul-10	SHM	1014476	
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	31.5	1	"	"	"	"	"	
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	31.5	1	"	"	"	"	"	
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	31.5	1	"	"	"	"	"	
M09800000	Motor Oil	BRL		mg/kg dry	31.5	1	"	"	"	"	"	

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
SSB-3 4'-8'	171-305	Soil	01-Jul-10 09:43	02-Jul-10
SB14714-06				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Extractable Petroleum Hydrocarbons												
Extractable Total Petroleum Hydrocarbons Prepared by method SW846 3545A												
J00100000	Aviation Fuel	BRL		mg/kg dry	31.5	1	+CT ETPH	09-Jul-10	10-Jul-10	SHM	1014476	
	Unidentified	BRL		mg/kg dry	31.5	1	"	"	"	"	"	
	Other Oil	BRL		mg/kg dry	31.5	1	"	"	"	"	"	
	Total Petroleum Hydrocarbons	BRL		mg/kg dry	31.5	1	"	"	"	"	"	
	C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg dry	31.5	1	"	"	"	"	"	
Surrogate recoveries:												
3386-33-2	*1-Chlorooctadecane*	*91*			*50-150 %*		"	"	"	"	"	
Total Metals by EPA 6000/7000 Series Methods												
7440-38-2	Arsenic	BRL		mg/kg dry	1.79	1	SW846 6010B	09-Jul-10	10-Jul-10	TBG	1014403	X
7440-43-9	Cadmium	0.782		mg/kg dry	0.597	1	"	"	"	"	"	X
7440-47-3	Chromium	22.5		mg/kg dry	1.19	1	"	"	"	"	"	X
7439-97-6	Mercury	BRL		mg/kg dry	0.0319	1	SW846 7471A	"	10-Jul-10	HB	1014404	X
7439-92-1	Lead	7.78		mg/kg dry	1.79	1	SW846 6010B	"	12-Jul-10	LR	1014403	X
SPLP Metals by EPA 1312 & 6000/7000 Series Methods												
	SPLP Extraction	Completed		N/A		1	SW846 1312	15-Jul-10	16-Jul-10	DT	1015022	
7440-47-3	Chromium	BRL		mg/l	0.0100	1	SW846 1312/6010B	19-Jul-10	19-Jul-10	TBG	1015078	
7439-92-1	Lead	BRL		mg/l	0.0150	1	"	"	"	"	"	
General Chemistry Parameters												
	% Solids	82.3		%		1	SM2540 G Mod.	07-Jul-10	07-Jul-10	BD	1014319	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
SSB-3 4'-8' Dup	171-305	Soil	01-Jul-10 09:45	02-Jul-10
SB14714-07				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Volatile Organic Compounds												
	VOC Extraction	Field extracted		N/A		1	OC Soil Extraction	06-Jul-10	06-Jul-10	BD	1014243	
Volatile Organic Compounds Prepared by method SW846 5035A Soil (low level)					Initial weight: 5.14 g							
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg dry	7.4	1	SW846 8260B/C	07-Jul-10	07-Jul-10	JRO	1014299	X
67-64-1	Acetone	BRL		µg/kg dry	73.6	1	"	"	"	"	"	X
107-13-1	Acrylonitrile	BRL		µg/kg dry	7.4	1	"	"	"	"	"	X
71-43-2	Benzene	BRL		µg/kg dry	7.4	1	"	"	"	"	"	X
108-86-1	Bromobenzene	BRL		µg/kg dry	7.4	1	"	"	"	"	"	X
74-97-5	Bromochloromethane	BRL		µg/kg dry	7.4	1	"	"	"	"	"	X
75-27-4	Bromodichloromethane	BRL		µg/kg dry	7.4	1	"	"	"	"	"	X
75-25-2	Bromoform	BRL		µg/kg dry	7.4	1	"	"	"	"	"	X
74-83-9	Bromomethane	BRL		µg/kg dry	14.7	1	"	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	73.6	1	"	"	"	"	"	X
104-51-8	n-Butylbenzene	BRL		µg/kg dry	7.4	1	"	"	"	"	"	X
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	7.4	1	"	"	"	"	"	X
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	7.4	1	"	"	"	"	"	X
75-15-0	Carbon disulfide	BRL		µg/kg dry	14.7	1	"	"	"	"	"	X
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	7.4	1	"	"	"	"	"	X
108-90-7	Chlorobenzene	BRL		µg/kg dry	7.4	1	"	"	"	"	"	X
75-00-3	Chloroethane	BRL		µg/kg dry	14.7	1	"	"	"	"	"	X
67-66-3	Chloroform	BRL		µg/kg dry	7.4	1	"	"	"	"	"	X
74-87-3	Chloromethane	BRL		µg/kg dry	14.7	1	"	"	"	"	"	X
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	7.4	1	"	"	"	"	"	X
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	7.4	1	"	"	"	"	"	X
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	14.7	1	"	"	"	"	"	X
124-48-1	Dibromochloromethane	BRL		µg/kg dry	7.4	1	"	"	"	"	"	X
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	7.4	1	"	"	"	"	"	X
74-95-3	Dibromomethane	BRL		µg/kg dry	7.4	1	"	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	7.4	1	"	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	7.4	1	"	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	7.4	1	"	"	"	"	"	X
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	14.7	1	"	"	"	"	"	X
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	7.4	1	"	"	"	"	"	X
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	7.4	1	"	"	"	"	"	X
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	7.4	1	"	"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	7.4	1	"	"	"	"	"	X
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	7.4	1	"	"	"	"	"	X
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	7.4	1	"	"	"	"	"	X
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	7.4	1	"	"	"	"	"	X
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	7.4	1	"	"	"	"	"	X
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	7.4	1	"	"	"	"	"	X
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	7.4	1	"	"	"	"	"	X
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	7.4	1	"	"	"	"	"	X
100-41-4	Ethylbenzene	BRL		µg/kg dry	7.4	1	"	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	7.4	1	"	"	"	"	"	X
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	73.6	1	"	"	"	"	"	X

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
SSB-3 4'-8' Dup	171-305	Soil	01-Jul-10 09:45	02-Jul-10
SB14714-07				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Volatile Organic Compounds												
Volatile Organic Compounds												
Prepared by method SW846 5035A Soil (low level)					Initial weight: 5.14 g							
98-82-8	Isopropylbenzene	BRL		µg/kg dry	7.4	1	SW846 8260B/C	07-Jul-10	07-Jul-10	JRO	1014299	X
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	7.4	1	"	"	"	"	"	X
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	7.4	1	"	"	"	"	"	X
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	73.6	1	"	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/kg dry	14.7	1	"	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	7.4	1	"	"	"	"	"	X
103-65-1	n-Propylbenzene	BRL		µg/kg dry	7.4	1	"	"	"	"	"	X
100-42-5	Styrene	BRL		µg/kg dry	7.4	1	"	"	"	"	"	X
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	7.4	1	"	"	"	"	"	X
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	7.4	1	"	"	"	"	"	X
127-18-4	Tetrachloroethene	BRL		µg/kg dry	7.4	1	"	"	"	"	"	X
108-88-3	Toluene	BRL		µg/kg dry	7.4	1	"	"	"	"	"	X
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	7.4	1	"	"	"	"	"	
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	7.4	1	"	"	"	"	"	X
108-70-3	1,3,5-Trichlorobenzene	BRL		µg/kg dry	7.4	1	"	"	"	"	"	
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	7.4	1	"	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	7.4	1	"	"	"	"	"	X
79-01-6	Trichloroethene	BRL		µg/kg dry	7.4	1	"	"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	7.4	1	"	"	"	"	"	X
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	7.4	1	"	"	"	"	"	X
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	7.4	1	"	"	"	"	"	X
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	7.4	1	"	"	"	"	"	X
75-01-4	Vinyl chloride	BRL		µg/kg dry	7.4	1	"	"	"	"	"	X
179601-23-1	m,p-Xylene	BRL		µg/kg dry	14.7	1	"	"	"	"	"	X
95-47-6	o-Xylene	BRL		µg/kg dry	7.4	1	"	"	"	"	"	X
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	14.7	1	"	"	"	"	"	
60-29-7	Ethyl ether	BRL		µg/kg dry	7.4	1	"	"	"	"	"	
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	7.4	1	"	"	"	"	"	
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	7.4	1	"	"	"	"	"	
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	7.4	1	"	"	"	"	"	
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	73.6	1	"	"	"	"	"	X
123-91-1	1,4-Dioxane	BRL		µg/kg dry	147	1	"	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	36.8	1	"	"	"	"	"	
64-17-5	Ethanol	BRL		µg/kg dry	2940	1	"	"	"	"	"	
Surrogate recoveries:												
460-00-4	*4-Bromofluorobenzene*	*101*			*70-130 %*		"	"	"	"	"	
2037-26-5	*Toluene-d8*	*102*			*70-130 %*		"	"	"	"	"	
17060-07-0	*1,2-Dichloroethane-d4*	*132*	SGC		*70-130 %*		"	"	"	"	"	
1868-53-7	*Dibromofluoromethane*	*113*			*70-130 %*		"	"	"	"	"	
Semivolatile Organic Compounds by GCMS												
PAHs by SW846 8270C												
Prepared by method SW846 3545A												
83-32-9	Acenaphthene	BRL		µg/kg dry	167	1	SW846 8270C/D	09-Jul-10	13-Jul-10	MM	1014478	X
208-96-8	Acenaphthylene	BRL		µg/kg dry	167	1	"	"	"	"	"	X

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
SSB-3 4'-8' Dup	171-305	Soil	01-Jul-10 09:45	02-Jul-10
SB14714-07				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GCMS												
PAHs by SW846 8270C												
Prepared by method SW846 3545A												
120-12-7	Anthracene	BRL		µg/kg dry	167	1	SW846 8270C/D	09-Jul-10	13-Jul-10	MM	1014478	X
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	167	1	"	"	"	"	"	X
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	167	1	"	"	"	"	"	X
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	167	1	"	"	"	"	"	X
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	167	1	"	"	"	"	"	X
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	167	1	"	"	"	"	"	X
218-01-9	Chrysene	BRL		µg/kg dry	167	1	"	"	"	"	"	X
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	167	1	"	"	"	"	"	X
206-44-0	Fluoranthene	BRL		µg/kg dry	167	1	"	"	"	"	"	X
86-73-7	Fluorene	BRL		µg/kg dry	167	1	"	"	"	"	"	X
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	167	1	"	"	"	"	"	X
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	167	1	"	"	"	"	"	
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	167	1	"	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	167	1	"	"	"	"	"	X
85-01-8	Phenanthrene	BRL		µg/kg dry	167	1	"	"	"	"	"	X
129-00-0	Pyrene	BRL		µg/kg dry	167	1	"	"	"	"	"	X
Surrogate recoveries:												
321-60-8	*2-Fluorobiphenyl*	*88*			*30-130 %*		"	"	"	"	"	
1718-51-0	*Terphenyl-d14*	*94*			*30-130 %*		"	"	"	"	"	
Semivolatile Organic Compounds by GC												
Polychlorinated Biphenyls by SW846 8082												
Prepared by method SW846 3545A												
12674-11-2	Aroclor-1016	BRL		µg/kg dry	24.7	1	SW846 8082	09-Jul-10	10-Jul-10	SM	1014483	X
11104-28-2	Aroclor-1221	BRL		µg/kg dry	24.7	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	BRL		µg/kg dry	24.7	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	BRL		µg/kg dry	24.7	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	BRL		µg/kg dry	24.7	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	BRL		µg/kg dry	24.7	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	BRL		µg/kg dry	24.7	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	BRL		µg/kg dry	24.7	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	BRL		µg/kg dry	24.7	1	"	"	"	"	"	X
Surrogate recoveries:												
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*105*			*30-150 %*		"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*112*			*30-150 %*		"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*99*			*30-150 %*		"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*120*			*30-150 %*		"	"	"	"	"	
Extractable Petroleum Hydrocarbons												
Extractable Total Petroleum Hydrocarbons												
Prepared by method SW846 3545A												
8006-61-9	Gasoline	BRL		mg/kg dry	33.3	1	+CT ETPH	09-Jul-10	10-Jul-10	SHM	1014476	
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	33.3	1	"	"	"	"	"	
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	33.3	1	"	"	"	"	"	
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	33.3	1	"	"	"	"	"	
M09800000	Motor Oil	BRL		mg/kg dry	33.3	1	"	"	"	"	"	

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
SSB-3 4'-8' Dup	171-305	Soil	01-Jul-10 09:45	02-Jul-10
SB14714-07				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Extractable Petroleum Hydrocarbons												
Extractable Total Petroleum Hydrocarbons Prepared by method SW846 3545A												
J00100000	Aviation Fuel	BRL		mg/kg dry	33.3	1	+CT ETPH	09-Jul-10	10-Jul-10	SHM	1014476	
	Unidentified	BRL		mg/kg dry	33.3	1	"	"	"	"	"	
	Other Oil	BRL		mg/kg dry	33.3	1	"	"	"	"	"	
	Total Petroleum Hydrocarbons	BRL		mg/kg dry	33.3	1	"	"	"	"	"	
	C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg dry	33.3	1	"	"	"	"	"	
Surrogate recoveries:												
3386-33-2	*1-Chlorooctadecane*	*84*			*50-150 %*		"	"	"	"	"	
Total Metals by EPA 6000/7000 Series Methods												
7440-38-2	Arsenic	BRL		mg/kg dry	1.79	1	SW846 6010B	09-Jul-10	10-Jul-10	TBG	1014403	X
7440-43-9	Cadmium	0.745		mg/kg dry	0.596	1	"	"	"	"	"	X
7440-47-3	Chromium	22.4		mg/kg dry	1.19	1	"	"	"	"	"	X
7439-97-6	Mercury	0.233		mg/kg dry	0.0350	1	SW846 7471A	"	10-Jul-10	HB	1014404	X
7439-92-1	Lead	9.44		mg/kg dry	1.79	1	SW846 6010B	"	12-Jul-10	LR	1014403	X
SPLP Metals by EPA 1312 & 6000/7000 Series Methods												
	SPLP Extraction	Completed		N/A		1	SW846 1312	15-Jul-10	16-Jul-10	DT	1015022	
7440-47-3	Chromium	BRL		mg/l	0.0100	1	SW846 1312/6010B	19-Jul-10	19-Jul-10	TBG	1015078	
7439-92-1	Lead	BRL		mg/l	0.0150	1	"	"	"	"	"	
General Chemistry Parameters												
	% Solids	79.8		%		1	SM2540 G Mod.	07-Jul-10	07-Jul-10	BD	1014319	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
SSB-4 2'-4'	171-305	Soil	01-Jul-10 07:00	02-Jul-10
SB14714-08				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Volatile Organic Compounds												
	VOC Extraction	Field extracted		N/A		1	OC Soil Extraction	06-Jul-10	06-Jul-10	BD	1014243	
Volatile Organic Compounds Prepared by method SW846 5030 Soil (high level)			VOC8		Initial weight: 14.42 g							
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg dry	75.2	50	SW846 8260B/C	12-Jul-10	12-Jul-10	adu	1014632	X
67-64-1	Acetone	BRL		µg/kg dry	752	50	"	"	"	"	"	X
107-13-1	Acrylonitrile	BRL		µg/kg dry	75.2	50	"	"	"	"	"	X
71-43-2	Benzene	BRL		µg/kg dry	75.2	50	"	"	"	"	"	X
108-86-1	Bromobenzene	BRL		µg/kg dry	75.2	50	"	"	"	"	"	X
74-97-5	Bromochloromethane	BRL		µg/kg dry	75.2	50	"	"	"	"	"	X
75-27-4	Bromodichloromethane	BRL		µg/kg dry	75.2	50	"	"	"	"	"	X
75-25-2	Bromoform	BRL		µg/kg dry	75.2	50	"	"	"	"	"	X
74-83-9	Bromomethane	BRL		µg/kg dry	150	50	"	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	752	50	"	"	"	"	"	X
104-51-8	n-Butylbenzene	BRL		µg/kg dry	75.2	50	"	"	"	"	"	X
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	75.2	50	"	"	"	"	"	X
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	75.2	50	"	"	"	"	"	X
75-15-0	Carbon disulfide	BRL		µg/kg dry	150	50	"	"	"	"	"	X
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	75.2	50	"	"	"	"	"	X
108-90-7	Chlorobenzene	BRL		µg/kg dry	75.2	50	"	"	"	"	"	X
75-00-3	Chloroethane	BRL		µg/kg dry	150	50	"	"	"	"	"	X
67-66-3	Chloroform	BRL		µg/kg dry	75.2	50	"	"	"	"	"	X
74-87-3	Chloromethane	BRL		µg/kg dry	150	50	"	"	"	"	"	X
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	75.2	50	"	"	"	"	"	X
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	75.2	50	"	"	"	"	"	X
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	150	50	"	"	"	"	"	X
124-48-1	Dibromochloromethane	BRL		µg/kg dry	75.2	50	"	"	"	"	"	X
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	75.2	50	"	"	"	"	"	X
74-95-3	Dibromomethane	BRL		µg/kg dry	75.2	50	"	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	75.2	50	"	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	75.2	50	"	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	75.2	50	"	"	"	"	"	X
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	150	50	"	"	"	"	"	X
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	75.2	50	"	"	"	"	"	X
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	75.2	50	"	"	"	"	"	X
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	75.2	50	"	"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	75.2	50	"	"	"	"	"	X
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	75.2	50	"	"	"	"	"	X
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	75.2	50	"	"	"	"	"	X
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	75.2	50	"	"	"	"	"	X
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	75.2	50	"	"	"	"	"	X
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	75.2	50	"	"	"	"	"	X
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	75.2	50	"	"	"	"	"	X
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	75.2	50	"	"	"	"	"	X
100-41-4	Ethylbenzene	BRL		µg/kg dry	75.2	50	"	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	75.2	50	"	"	"	"	"	X
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	752	50	"	"	"	"	"	X

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
SSB-4 2'-4'	171-305	Soil	01-Jul-10 07:00	02-Jul-10
SB14714-08				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Volatile Organic Compounds												
Volatile Organic Compounds			VOC8									
Prepared by method SW846 5030 Soil (high level)					Initial weight: 14.42 g							
98-82-8	Isopropylbenzene	BRL		µg/kg dry	75.2	50	SW846 8260B/C	12-Jul-10	12-Jul-10	adu	1014632	X
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	75.2	50	"	"	"	"	"	X
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	75.2	50	"	"	"	"	"	X
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	752	50	"	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/kg dry	150	50	"	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	75.2	50	"	"	"	"	"	X
103-65-1	n-Propylbenzene	BRL		µg/kg dry	75.2	50	"	"	"	"	"	X
100-42-5	Styrene	BRL		µg/kg dry	75.2	50	"	"	"	"	"	X
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	75.2	50	"	"	"	"	"	X
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	75.2	50	"	"	"	"	"	X
127-18-4	Tetrachloroethene	BRL		µg/kg dry	75.2	50	"	"	"	"	"	X
108-88-3	Toluene	BRL		µg/kg dry	75.2	50	"	"	"	"	"	X
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	75.2	50	"	"	"	"	"	
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	75.2	50	"	"	"	"	"	X
108-70-3	1,3,5-Trichlorobenzene	BRL		µg/kg dry	75.2	50	"	"	"	"	"	
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	75.2	50	"	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	75.2	50	"	"	"	"	"	X
79-01-6	Trichloroethene	BRL		µg/kg dry	75.2	50	"	"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	75.2	50	"	"	"	"	"	X
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	75.2	50	"	"	"	"	"	X
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	75.2	50	"	"	"	"	"	X
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	75.2	50	"	"	"	"	"	X
75-01-4	Vinyl chloride	BRL		µg/kg dry	75.2	50	"	"	"	"	"	X
179601-23-1	m,p-Xylene	BRL		µg/kg dry	150	50	"	"	"	"	"	X
95-47-6	o-Xylene	BRL		µg/kg dry	75.2	50	"	"	"	"	"	X
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	150	50	"	"	"	"	"	
60-29-7	Ethyl ether	BRL		µg/kg dry	75.2	50	"	"	"	"	"	
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	75.2	50	"	"	"	"	"	
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	75.2	50	"	"	"	"	"	
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	75.2	50	"	"	"	"	"	
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	752	50	"	"	"	"	"	X
123-91-1	1,4-Dioxane	BRL		µg/kg dry	1500	50	"	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	376	50	"	"	"	"	"	
64-17-5	Ethanol	BRL		µg/kg dry	30100	50	"	"	"	"	"	
Surrogate recoveries:												
460-00-4	*4-Bromofluorobenzene*	*92*			*70-130 %*		"	"	"	"	"	
2037-26-5	*Toluene-d8*	*112*			*70-130 %*		"	"	"	"	"	
17060-07-0	*1,2-Dichloroethane-d4*	*91*			*70-130 %*		"	"	"	"	"	
1868-53-7	*Dibromofluoromethane*	*82*			*70-130 %*		"	"	"	"	"	
Semivolatile Organic Compounds by GCMS												
PAHs by SW846 8270C												
Prepared by method SW846 3545A												
83-32-9	Acenaphthene	BRL		µg/kg dry	154	1	SW846 8270C/D	09-Jul-10	13-Jul-10	MM	1014478	X
208-96-8	Acenaphthylene	BRL		µg/kg dry	154	1	"	"	"	"	"	X

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
SSB-4 2'-4'	171-305	Soil	01-Jul-10 07:00	02-Jul-10
SB14714-08				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GCMS												
PAHs by SW846 8270C												
Prepared by method SW846 3545A												
120-12-7	Anthracene	BRL		µg/kg dry	154	1	SW846 8270C/D	09-Jul-10	13-Jul-10	MM	1014478	X
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	154	1	"	"	"	"	"	X
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	154	1	"	"	"	"	"	X
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	154	1	"	"	"	"	"	X
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	154	1	"	"	"	"	"	X
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	154	1	"	"	"	"	"	X
218-01-9	Chrysene	BRL		µg/kg dry	154	1	"	"	"	"	"	X
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	154	1	"	"	"	"	"	X
206-44-0	Fluoranthene	172		µg/kg dry	154	1	"	"	"	"	"	X
86-73-7	Fluorene	BRL		µg/kg dry	154	1	"	"	"	"	"	X
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	154	1	"	"	"	"	"	X
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	154	1	"	"	"	"	"	
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	154	1	"	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	154	1	"	"	"	"	"	X
85-01-8	Phenanthrene	BRL		µg/kg dry	154	1	"	"	"	"	"	X
129-00-0	Pyrene	183		µg/kg dry	154	1	"	"	"	"	"	X
Surrogate recoveries:												
321-60-8	*2-Fluorobiphenyl*	*89*			*30-130 %*		"	"	"	"	"	
1718-51-0	*Terphenyl-d14*	*98*			*30-130 %*		"	"	"	"	"	
Semivolatile Organic Compounds by GC												
Polychlorinated Biphenyls by SW846 8082												
Prepared by method SW846 3545A												
12674-11-2	Aroclor-1016	BRL		µg/kg dry	23.3	1	SW846 8082	09-Jul-10	10-Jul-10	SM	1014483	X
11104-28-2	Aroclor-1221	BRL		µg/kg dry	23.3	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	BRL		µg/kg dry	23.3	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	BRL		µg/kg dry	23.3	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	BRL		µg/kg dry	23.3	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	BRL		µg/kg dry	23.3	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	BRL		µg/kg dry	23.3	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	BRL		µg/kg dry	23.3	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	BRL		µg/kg dry	23.3	1	"	"	"	"	"	X
Surrogate recoveries:												
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*78*			*30-150 %*		"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*101*			*30-150 %*		"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*107*			*30-150 %*		"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*123*			*30-150 %*		"	"	"	"	"	
Extractable Petroleum Hydrocarbons												
Extractable Total Petroleum Hydrocarbons												
Prepared by method SW846 3545A												
8006-61-9	Gasoline	BRL		mg/kg dry	30.9	1	+CT ETPH	09-Jul-10	10-Jul-10	SHM	1014476	
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	30.9	1	"	"	"	"	"	
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	30.9	1	"	"	"	"	"	
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	30.9	1	"	"	"	"	"	
M09800000	Motor Oil	BRL		mg/kg dry	30.9	1	"	"	"	"	"	

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
SSB-4 2'-4' SB14714-08	171-305	Soil	01-Jul-10 07:00	02-Jul-10

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Extractable Petroleum Hydrocarbons												
Extractable Total Petroleum Hydrocarbons Prepared by method SW846 3545A												
J00100000	Aviation Fuel	BRL		mg/kg dry	30.9	1	+CT ETPH	09-Jul-10	10-Jul-10	SHM	1014476	
	Unidentified	BRL		mg/kg dry	30.9	1	"	"	"	"	"	
	Other Oil	BRL		mg/kg dry	30.9	1	"	"	"	"	"	
	Total Petroleum Hydrocarbons	BRL		mg/kg dry	30.9	1	"	"	"	"	"	
	C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg dry	30.9	1	"	"	"	"	"	
Surrogate recoveries:												
3386-33-2	*1-Chlorooctadecane*	*85*			*50-150 %*		"	"	"	"	"	
Total Metals by EPA 6000/7000 Series Methods												
7440-38-2	Arsenic	4.53		mg/kg dry	1.65	1	SW846 6010B	09-Jul-10	10-Jul-10	TBG	1014403	X
7440-43-9	Cadmium	0.594		mg/kg dry	0.550	1	"	"	"	"	"	X
7440-47-3	Chromium	14.5		mg/kg dry	1.10	1	"	"	"	"	"	X
7439-97-6	Mercury	1.37		mg/kg dry	0.331	10	SW846 7471A	"	13-Jul-10	HB	1014404	X
7439-92-1	Lead	323		mg/kg dry	1.65	1	SW846 6010B	"	12-Jul-10	LR	1014403	X
SPLP Metals by EPA 1312 & 6000/7000 Series Methods												
	SPLP Extraction	Completed		N/A		1	SW846 1312	15-Jul-10	16-Jul-10	DT	1015022	
7440-47-3	Chromium	0.0216		mg/l	0.0100	1	SW846 1312/6010B	19-Jul-10	19-Jul-10	TBG	1015078	
7439-97-6	Mercury	BRL		mg/l	0.00020	1	SW846 1312/7470A	19-Jul-10	19-Jul-10	HB	1015079	
7439-92-1	Lead	0.148		mg/l	0.0150	1	SW846 1312/6010B	19-Jul-10	19-Jul-10	TBG	1015078	
General Chemistry Parameters												
	% Solids	81.5		%		1	SM2540 G Mod.	07-Jul-10	07-Jul-10	BD	1014319	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
SSB-4 4'-8'	171-305	Soil	01-Jul-10 07:10	02-Jul-10
SB14714-09				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Volatile Organic Compounds												
	VOC Extraction	Field extracted		N/A		1	OC Soil Extraction	06-Jul-10	06-Jul-10	BD	1014243	
Volatile Organic Compounds Prepared by method SW846 5035A Soil (low level)					Initial weight: 5.1 g							
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg dry	7.7	1	SW846 8260B/C	07-Jul-10	07-Jul-10	JRO	1014299	X
67-64-1	Acetone	BRL		µg/kg dry	77.0	1	"	"	"	"	"	X
107-13-1	Acrylonitrile	BRL		µg/kg dry	7.7	1	"	"	"	"	"	X
71-43-2	Benzene	BRL		µg/kg dry	7.7	1	"	"	"	"	"	X
108-86-1	Bromobenzene	BRL		µg/kg dry	7.7	1	"	"	"	"	"	X
74-97-5	Bromochloromethane	BRL		µg/kg dry	7.7	1	"	"	"	"	"	X
75-27-4	Bromodichloromethane	BRL		µg/kg dry	7.7	1	"	"	"	"	"	X
75-25-2	Bromoform	BRL		µg/kg dry	7.7	1	"	"	"	"	"	X
74-83-9	Bromomethane	BRL		µg/kg dry	15.4	1	"	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	77.0	1	"	"	"	"	"	X
104-51-8	n-Butylbenzene	BRL		µg/kg dry	7.7	1	"	"	"	"	"	X
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	7.7	1	"	"	"	"	"	X
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	7.7	1	"	"	"	"	"	X
75-15-0	Carbon disulfide	BRL		µg/kg dry	15.4	1	"	"	"	"	"	X
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	7.7	1	"	"	"	"	"	X
108-90-7	Chlorobenzene	BRL		µg/kg dry	7.7	1	"	"	"	"	"	X
75-00-3	Chloroethane	BRL		µg/kg dry	15.4	1	"	"	"	"	"	X
67-66-3	Chloroform	BRL		µg/kg dry	7.7	1	"	"	"	"	"	X
74-87-3	Chloromethane	BRL		µg/kg dry	15.4	1	"	"	"	"	"	X
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	7.7	1	"	"	"	"	"	X
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	7.7	1	"	"	"	"	"	X
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	15.4	1	"	"	"	"	"	X
124-48-1	Dibromochloromethane	BRL		µg/kg dry	7.7	1	"	"	"	"	"	X
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	7.7	1	"	"	"	"	"	X
74-95-3	Dibromomethane	BRL		µg/kg dry	7.7	1	"	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	7.7	1	"	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	7.7	1	"	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	7.7	1	"	"	"	"	"	X
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	15.4	1	"	"	"	"	"	X
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	7.7	1	"	"	"	"	"	X
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	7.7	1	"	"	"	"	"	X
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	7.7	1	"	"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	7.7	1	"	"	"	"	"	X
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	7.7	1	"	"	"	"	"	X
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	7.7	1	"	"	"	"	"	X
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	7.7	1	"	"	"	"	"	X
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	7.7	1	"	"	"	"	"	X
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	7.7	1	"	"	"	"	"	X
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	7.7	1	"	"	"	"	"	X
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	7.7	1	"	"	"	"	"	X
100-41-4	Ethylbenzene	BRL		µg/kg dry	7.7	1	"	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	7.7	1	"	"	"	"	"	X
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	77.0	1	"	"	"	"	"	X

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
SSB-4 4'-8'	171-305	Soil	01-Jul-10 07:10	02-Jul-10
SB14714-09				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Volatile Organic Compounds												
Volatile Organic Compounds												
Prepared by method SW846 5035A Soil (low level)					Initial weight: 5.1 g							
98-82-8	Isopropylbenzene	BRL		µg/kg dry	7.7	1	SW846 8260B/C	07-Jul-10	07-Jul-10	JRO	1014299	X
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	7.7	1	"	"	"	"	"	X
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	7.7	1	"	"	"	"	"	X
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	77.0	1	"	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/kg dry	15.4	1	"	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	7.7	1	"	"	"	"	"	X
103-65-1	n-Propylbenzene	BRL		µg/kg dry	7.7	1	"	"	"	"	"	X
100-42-5	Styrene	BRL		µg/kg dry	7.7	1	"	"	"	"	"	X
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	7.7	1	"	"	"	"	"	X
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	7.7	1	"	"	"	"	"	X
127-18-4	Tetrachloroethene	BRL		µg/kg dry	7.7	1	"	"	"	"	"	X
108-88-3	Toluene	BRL		µg/kg dry	7.7	1	"	"	"	"	"	
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	7.7	1	"	"	"	"	"	X
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	7.7	1	"	"	"	"	"	
108-70-3	1,3,5-Trichlorobenzene	BRL		µg/kg dry	7.7	1	"	"	"	"	"	X
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	7.7	1	"	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	7.7	1	"	"	"	"	"	X
79-01-6	Trichloroethene	BRL		µg/kg dry	7.7	1	"	"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	7.7	1	"	"	"	"	"	X
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	7.7	1	"	"	"	"	"	X
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	7.7	1	"	"	"	"	"	X
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	7.7	1	"	"	"	"	"	X
75-01-4	Vinyl chloride	BRL		µg/kg dry	7.7	1	"	"	"	"	"	X
179601-23-1	m,p-Xylene	BRL		µg/kg dry	15.4	1	"	"	"	"	"	X
95-47-6	o-Xylene	BRL		µg/kg dry	7.7	1	"	"	"	"	"	
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	15.4	1	"	"	"	"	"	
60-29-7	Ethyl ether	BRL		µg/kg dry	7.7	1	"	"	"	"	"	
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	7.7	1	"	"	"	"	"	
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	7.7	1	"	"	"	"	"	
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	7.7	1	"	"	"	"	"	X
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	77.0	1	"	"	"	"	"	X
123-91-1	1,4-Dioxane	BRL		µg/kg dry	154	1	"	"	"	"	"	
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	38.5	1	"	"	"	"	"	
64-17-5	Ethanol	BRL		µg/kg dry	3080	1	"	"	"	"	"	
Surrogate recoveries:												
460-00-4	*4-Bromofluorobenzene*	*101*			*70-130 %*		"	"	"	"	"	
2037-26-5	*Toluene-d8*	*101*			*70-130 %*		"	"	"	"	"	
17060-07-0	*1,2-Dichloroethane-d4*	*137*	SGC		*70-130 %*		"	"	"	"	"	
1868-53-7	*Dibromofluoromethane*	*118*			*70-130 %*		"	"	"	"	"	
Semivolatile Organic Compounds by GCMS												
PAHs by SW846 8270C												
Prepared by method SW846 3545A												
83-32-9	Acenaphthene	BRL		µg/kg dry	170	1	SW846 8270C/D	09-Jul-10	13-Jul-10	MM	1014478	X
208-96-8	Acenaphthylene	BRL		µg/kg dry	170	1	"	"	"	"	"	X

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Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
SSB-4 4'-8'	171-305	Soil	01-Jul-10 07:10	02-Jul-10
SB14714-09				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GCMS												
PAHs by SW846 8270C												
Prepared by method SW846 3545A												
120-12-7	Anthracene	BRL		µg/kg dry	170	1	SW846 8270C/D	09-Jul-10	13-Jul-10	MM	1014478	X
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	170	1	"	"	"	"	"	X
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	170	1	"	"	"	"	"	X
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	170	1	"	"	"	"	"	X
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	170	1	"	"	"	"	"	X
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	170	1	"	"	"	"	"	X
218-01-9	Chrysene	BRL		µg/kg dry	170	1	"	"	"	"	"	X
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	170	1	"	"	"	"	"	X
206-44-0	Fluoranthene	BRL		µg/kg dry	170	1	"	"	"	"	"	X
86-73-7	Fluorene	BRL		µg/kg dry	170	1	"	"	"	"	"	X
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	170	1	"	"	"	"	"	
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	170	1	"	"	"	"	"	X
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	170	1	"	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	170	1	"	"	"	"	"	X
85-01-8	Phenanthrene	BRL		µg/kg dry	170	1	"	"	"	"	"	X
129-00-0	Pyrene	BRL		µg/kg dry	170	1	"	"	"	"	"	X
Surrogate recoveries:												
321-60-8	*2-Fluorobiphenyl*	*85*			*30-130 %*		"	"	"	"	"	
1718-51-0	*Terphenyl-dl4*	*95*			*30-130 %*		"	"	"	"	"	
Semivolatile Organic Compounds by GC												
Polychlorinated Biphenyls by SW846 8082												
Prepared by method SW846 3545A												
12674-11-2	Aroclor-1016	BRL		µg/kg dry	24.7	1	SW846 8082	09-Jul-10	10-Jul-10	SM	1014483	X
11104-28-2	Aroclor-1221	BRL		µg/kg dry	24.7	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	BRL		µg/kg dry	24.7	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	BRL		µg/kg dry	24.7	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	BRL		µg/kg dry	24.7	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	BRL		µg/kg dry	24.7	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	BRL		µg/kg dry	24.7	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	BRL		µg/kg dry	24.7	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	BRL		µg/kg dry	24.7	1	"	"	"	"	"	X
Surrogate recoveries:												
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*81*			*30-150 %*		"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*97*			*30-150 %*		"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*87*			*30-150 %*		"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*103*			*30-150 %*		"	"	"	"	"	
Extractable Petroleum Hydrocarbons												
Extractable Total Petroleum Hydrocarbons												
Prepared by method SW846 3545A												
8006-61-9	Gasoline	BRL		mg/kg dry	34.0	1	+CT ETPH	09-Jul-10	10-Jul-10	SHM	1014476	
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	34.0	1	"	"	"	"	"	
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	34.0	1	"	"	"	"	"	
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	34.0	1	"	"	"	"	"	
M09800000	Motor Oil	BRL		mg/kg dry	34.0	1	"	"	"	"	"	

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
SSB-4 4'-8' SB14714-09	171-305	Soil	01-Jul-10 07:10	02-Jul-10

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Extractable Petroleum Hydrocarbons												
Extractable Total Petroleum Hydrocarbons Prepared by method SW846 3545A												
J00100000	Aviation Fuel	BRL		mg/kg dry	34.0	1	+CT ETPH	09-Jul-10	10-Jul-10	SHM	1014476	
	Unidentified	BRL		mg/kg dry	34.0	1	"	"	"	"	"	
	Other Oil	BRL		mg/kg dry	34.0	1	"	"	"	"	"	
	Total Petroleum Hydrocarbons	BRL		mg/kg dry	34.0	1	"	"	"	"	"	
	C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg dry	34.0	1	"	"	"	"	"	
Surrogate recoveries:												
3386-33-2	*1-Chlorooctadecane*	*82*			*50-150 %*		"	"	"	"	"	
Total Metals by EPA 6000/7000 Series Methods												
7440-38-2	Arsenic	BRL		mg/kg dry	1.91	1	SW846 6010B	09-Jul-10	10-Jul-10	TBG	1014403	X
7440-43-9	Cadmium	1.26		mg/kg dry	0.637	1	"	"	"	"	"	X
7440-47-3	Chromium	38.1		mg/kg dry	1.27	1	"	"	"	"	"	X
7439-97-6	Mercury	BRL		mg/kg dry	0.0357	1	SW846 7471A	"	10-Jul-10	HB	1014404	X
7439-92-1	Lead	13.6		mg/kg dry	1.91	1	SW846 6010B	"	12-Jul-10	LR	1014403	X
SPLP Metals by EPA 1312 & 6000/7000 Series Methods												
	SPLP Extraction	Completed		N/A		1	SW846 1312	15-Jul-10	16-Jul-10	DT	1015022	
7440-43-9	Cadmium	BRL		mg/l	0.0050	1	SW846 1312/6010B	19-Jul-10	19-Jul-10	TBG	1015078	
7440-47-3	Chromium	0.0263		mg/l	0.0100	1	"	"	"	"	"	
7439-92-1	Lead	BRL		mg/l	0.0150	1	"	"	"	"	"	
General Chemistry Parameters												
	% Solids	78.0		%		1	SM2540 G Mod.	07-Jul-10	07-Jul-10	BD	1014319	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
SSB-5 2'-4'	171-305	Soil	01-Jul-10 08:35	02-Jul-10
SB14714-10				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Volatile Organic Compounds												
	VOC Extraction	Field extracted		N/A		1	OC Soil Extraction	06-Jul-10	06-Jul-10	BD	1014243	
Volatile Organic Compounds Prepared by method SW846 5035A Soil (low level)					Initial weight: 5.31 g							
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg dry	6.4	1	SW846 8260B/C	07-Jul-10	07-Jul-10	JRO	1014299	X
67-64-1	Acetone	BRL		µg/kg dry	63.9	1	"	"	"	"	"	X
107-13-1	Acrylonitrile	BRL		µg/kg dry	6.4	1	"	"	"	"	"	X
71-43-2	Benzene	BRL		µg/kg dry	6.4	1	"	"	"	"	"	X
108-86-1	Bromobenzene	BRL		µg/kg dry	6.4	1	"	"	"	"	"	X
74-97-5	Bromochloromethane	BRL		µg/kg dry	6.4	1	"	"	"	"	"	X
75-27-4	Bromodichloromethane	BRL		µg/kg dry	6.4	1	"	"	"	"	"	X
75-25-2	Bromoform	BRL		µg/kg dry	6.4	1	"	"	"	"	"	X
74-83-9	Bromomethane	BRL		µg/kg dry	12.8	1	"	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	63.9	1	"	"	"	"	"	X
104-51-8	n-Butylbenzene	BRL		µg/kg dry	6.4	1	"	"	"	"	"	X
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	6.4	1	"	"	"	"	"	X
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	6.4	1	"	"	"	"	"	X
75-15-0	Carbon disulfide	BRL		µg/kg dry	12.8	1	"	"	"	"	"	X
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	6.4	1	"	"	"	"	"	X
108-90-7	Chlorobenzene	BRL		µg/kg dry	6.4	1	"	"	"	"	"	X
75-00-3	Chloroethane	BRL		µg/kg dry	12.8	1	"	"	"	"	"	X
67-66-3	Chloroform	BRL		µg/kg dry	6.4	1	"	"	"	"	"	X
74-87-3	Chloromethane	BRL		µg/kg dry	12.8	1	"	"	"	"	"	X
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	6.4	1	"	"	"	"	"	X
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	6.4	1	"	"	"	"	"	X
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	12.8	1	"	"	"	"	"	X
124-48-1	Dibromochloromethane	BRL		µg/kg dry	6.4	1	"	"	"	"	"	X
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	6.4	1	"	"	"	"	"	X
74-95-3	Dibromomethane	BRL		µg/kg dry	6.4	1	"	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	6.4	1	"	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	6.4	1	"	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	6.4	1	"	"	"	"	"	X
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	12.8	1	"	"	"	"	"	X
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	6.4	1	"	"	"	"	"	X
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	6.4	1	"	"	"	"	"	X
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	6.4	1	"	"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	6.4	1	"	"	"	"	"	X
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	6.4	1	"	"	"	"	"	X
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	6.4	1	"	"	"	"	"	X
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	6.4	1	"	"	"	"	"	X
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	6.4	1	"	"	"	"	"	X
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	6.4	1	"	"	"	"	"	X
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	6.4	1	"	"	"	"	"	X
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	6.4	1	"	"	"	"	"	X
100-41-4	Ethylbenzene	BRL		µg/kg dry	6.4	1	"	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	6.4	1	"	"	"	"	"	X
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	63.9	1	"	"	"	"	"	X

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
SSB-5 2'-4' SB14714-10	171-305	Soil	01-Jul-10 08:35	02-Jul-10

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Volatile Organic Compounds												
Volatile Organic Compounds												
Prepared by method SW846 5035A Soil (low level)					Initial weight: 5.31 g							
98-82-8	Isopropylbenzene	BRL		µg/kg dry	6.4	1	SW846 8260B/C	07-Jul-10	07-Jul-10	JRO	1014299	X
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	6.4	1	"	"	"	"	"	X
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	6.4	1	"	"	"	"	"	X
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	63.9	1	"	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/kg dry	12.8	1	"	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	6.4	1	"	"	"	"	"	X
103-65-1	n-Propylbenzene	BRL		µg/kg dry	6.4	1	"	"	"	"	"	X
100-42-5	Styrene	BRL		µg/kg dry	6.4	1	"	"	"	"	"	X
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	6.4	1	"	"	"	"	"	X
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	6.4	1	"	"	"	"	"	X
127-18-4	Tetrachloroethene	BRL		µg/kg dry	6.4	1	"	"	"	"	"	X
108-88-3	Toluene	BRL		µg/kg dry	6.4	1	"	"	"	"	"	X
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	6.4	1	"	"	"	"	"	
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	6.4	1	"	"	"	"	"	X
108-70-3	1,3,5-Trichlorobenzene	BRL		µg/kg dry	6.4	1	"	"	"	"	"	
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	6.4	1	"	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	6.4	1	"	"	"	"	"	X
79-01-6	Trichloroethene	BRL		µg/kg dry	6.4	1	"	"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	6.4	1	"	"	"	"	"	X
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	6.4	1	"	"	"	"	"	X
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	6.4	1	"	"	"	"	"	X
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	6.4	1	"	"	"	"	"	X
75-01-4	Vinyl chloride	BRL		µg/kg dry	6.4	1	"	"	"	"	"	X
179601-23-1	m,p-Xylene	BRL		µg/kg dry	12.8	1	"	"	"	"	"	X
95-47-6	o-Xylene	BRL		µg/kg dry	6.4	1	"	"	"	"	"	X
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	12.8	1	"	"	"	"	"	
60-29-7	Ethyl ether	BRL		µg/kg dry	6.4	1	"	"	"	"	"	
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	6.4	1	"	"	"	"	"	
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	6.4	1	"	"	"	"	"	
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	6.4	1	"	"	"	"	"	
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	63.9	1	"	"	"	"	"	X
123-91-1	1,4-Dioxane	BRL		µg/kg dry	128	1	"	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	31.9	1	"	"	"	"	"	
64-17-5	Ethanol	BRL		µg/kg dry	2560	1	"	"	"	"	"	
Surrogate recoveries:												
460-00-4	*4-Bromofluorobenzene*	*101*			*70-130 %*		"	"	"	"	"	
2037-26-5	*Toluene-d8*	*101*			*70-130 %*		"	"	"	"	"	
17060-07-0	*1,2-Dichloroethane-d4*	*132*	SGC		*70-130 %*		"	"	"	"	"	
1868-53-7	*Dibromofluoromethane*	*117*			*70-130 %*		"	"	"	"	"	
Semivolatile Organic Compounds by GCMS												
PAHs by SW846 8270C												
Prepared by method SW846 3545A												
83-32-9	Acenaphthene	BRL		µg/kg dry	151	1	SW846 8270C/D	09-Jul-10	14-Jul-10	MM	1014478	X
208-96-8	Acenaphthylene	BRL		µg/kg dry	151	1	"	"	"	"	"	X

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Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
SSB-5 2'-4'	171-305	Soil	01-Jul-10 08:35	02-Jul-10
SB14714-10				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GCMS												
PAHs by SW846 8270C												
Prepared by method SW846 3545A												
120-12-7	Anthracene	BRL		µg/kg dry	151	1	SW846 8270C/D	09-Jul-10	14-Jul-10	MM	1014478	X
56-55-3	Benzo (a) anthracene	641		µg/kg dry	151	1	"	"	"	"	"	X
50-32-8	Benzo (a) pyrene	607		µg/kg dry	151	1	"	"	"	"	"	X
205-99-2	Benzo (b) fluoranthene	601		µg/kg dry	151	1	"	"	"	"	"	X
191-24-2	Benzo (g,h,i) perylene	312		µg/kg dry	151	1	"	"	"	"	"	X
207-08-9	Benzo (k) fluoranthene	572		µg/kg dry	151	1	"	"	"	"	"	X
218-01-9	Chrysene	622		µg/kg dry	151	1	"	"	"	"	"	X
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	151	1	"	"	"	"	"	X
206-44-0	Fluoranthene	864		µg/kg dry	151	1	"	"	"	"	"	X
86-73-7	Fluorene	BRL		µg/kg dry	151	1	"	"	"	"	"	X
193-39-5	Indeno (1,2,3-cd) pyrene	333		µg/kg dry	151	1	"	"	"	"	"	X
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	151	1	"	"	"	"	"	
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	151	1	"	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	151	1	"	"	"	"	"	X
85-01-8	Phenanthrene	256		µg/kg dry	151	1	"	"	"	"	"	X
129-00-0	Pyrene	906		µg/kg dry	151	1	"	"	"	"	"	X
Surrogate recoveries:												
321-60-8	*2-Fluorobiphenyl*	*86*			*30-130 %*		"	"	"	"	"	
1718-51-0	*Terphenyl-dl4*	*92*			*30-130 %*		"	"	"	"	"	
Semivolatile Organic Compounds by GC												
Polychlorinated Biphenyls by SW846 8082												
Prepared by method SW846 3545A												
12674-11-2	Aroclor-1016	BRL		µg/kg dry	23.0	1	SW846 8082	09-Jul-10	10-Jul-10	SM	1014483	X
11104-28-2	Aroclor-1221	BRL		µg/kg dry	23.0	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	BRL		µg/kg dry	23.0	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	BRL		µg/kg dry	23.0	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	BRL		µg/kg dry	23.0	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	BRL		µg/kg dry	23.0	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	BRL		µg/kg dry	23.0	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	BRL		µg/kg dry	23.0	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	BRL		µg/kg dry	23.0	1	"	"	"	"	"	X
Surrogate recoveries:												
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*87*			*30-150 %*		"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*106*			*30-150 %*		"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*103*			*30-150 %*		"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*108*			*30-150 %*		"	"	"	"	"	
Extractable Petroleum Hydrocarbons												
Extractable Total Petroleum Hydrocarbons												
Prepared by method SW846 3545A												
8006-61-9	Gasoline	BRL		mg/kg dry	30.2	1	+CT ETPH	09-Jul-10	10-Jul-10	SHM	1014476	
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	30.2	1	"	"	"	"	"	
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	30.2	1	"	"	"	"	"	
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	30.2	1	"	"	"	"	"	
M09800000	Motor Oil	BRL		mg/kg dry	30.2	1	"	"	"	"	"	

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
SSB-5 2'-4'	171-305	Soil	01-Jul-10 08:35	02-Jul-10
SB14714-10				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Extractable Petroleum Hydrocarbons												
Extractable Total Petroleum Hydrocarbons Prepared by method SW846 3545A												
J00100000	Aviation Fuel	BRL		mg/kg dry	30.2	1	+CT ETPH	09-Jul-10	10-Jul-10	SHM	1014476	
	Unidentified	49.8		mg/kg dry	30.2	1	"	"	"	"	"	
	Other Oil	Calculated as		mg/kg dry	30.2	1	"	"	"	"	"	
	Total Petroleum Hydrocarbons	49.8		mg/kg dry	30.2	1	"	"	"	"	"	
	C9-C36 Aliphatic Hydrocarbons	49.8		mg/kg dry	30.2	1	"	"	"	"	"	
Surrogate recoveries:												
3386-33-2	*1-Chlorooctadecane*	*85*			*50-150 %*		"	"	"	"	"	
Total Metals by EPA 6000/7000 Series Methods												
7440-38-2	Arsenic	2.73		mg/kg dry	1.47	1	SW846 6010B	09-Jul-10	10-Jul-10	TBG	1014403	X
7440-43-9	Cadmium	0.922		mg/kg dry	0.490	1	"	"	"	"	"	X
7440-47-3	Chromium	27.1		mg/kg dry	0.981	1	"	"	"	"	"	X
7439-97-6	Mercury	1.87		mg/kg dry	0.331	10	SW846 7471A	"	13-Jul-10	HB	1014404	X
7439-92-1	Lead	66.3		mg/kg dry	1.47	1	SW846 6010B	"	12-Jul-10	LR	1014403	X
SPLP Metals by EPA 1312 & 6000/7000 Series Methods												
	SPLP Extraction	Completed		N/A		1	SW846 1312	15-Jul-10	16-Jul-10	DT	1015022	
7440-47-3	Chromium	0.0505		mg/l	0.0100	1	SW846 1312/6010B	19-Jul-10	19-Jul-10	TBG	1015078	
7439-97-6	Mercury	BRL		mg/l	0.00020	1	SW846 1312/7470A	19-Jul-10	19-Jul-10	HB	1015079	
7439-92-1	Lead	0.106		mg/l	0.0150	1	SW846 1312/6010B	19-Jul-10	19-Jul-10	TBG	1015078	
General Chemistry Parameters												
	% Solids	85.3		%		1	SM2540 G Mod.	07-Jul-10	07-Jul-10	BD	1014319	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
SSB-5 4'-8' SB14714-11	171-305	Soil	01-Jul-10 08:45	02-Jul-10

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Volatile Organic Compounds												
	VOC Extraction	Field extracted		N/A		1	OC Soil Extraction	06-Jul-10	06-Jul-10	BD	1014243	
Volatile Organic Compounds Prepared by method SW846 5035A Soil (low level)					Initial weight: 17 g							
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg dry	3.7	1	SW846 8260B/C	07-Jul-10	07-Jul-10	JRO	1014299	X
67-64-1	Acetone	BRL		µg/kg dry	37.5	1	"	"	"	"	"	X
107-13-1	Acrylonitrile	BRL		µg/kg dry	3.7	1	"	"	"	"	"	X
71-43-2	Benzene	BRL		µg/kg dry	3.7	1	"	"	"	"	"	X
108-86-1	Bromobenzene	BRL		µg/kg dry	3.7	1	"	"	"	"	"	X
74-97-5	Bromochloromethane	BRL		µg/kg dry	3.7	1	"	"	"	"	"	X
75-27-4	Bromodichloromethane	BRL		µg/kg dry	3.7	1	"	"	"	"	"	X
75-25-2	Bromoform	BRL		µg/kg dry	3.7	1	"	"	"	"	"	X
74-83-9	Bromomethane	BRL		µg/kg dry	7.5	1	"	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	37.5	1	"	"	"	"	"	X
104-51-8	n-Butylbenzene.	BRL		µg/kg dry	3.7	1	"	"	"	"	"	X
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	3.7	1	"	"	"	"	"	X
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	3.7	1	"	"	"	"	"	X
75-15-0	Carbon disulfide	BRL		µg/kg dry	7.5	1	"	"	"	"	"	X
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	3.7	1	"	"	"	"	"	X
108-90-7	Chlorobenzene	BRL		µg/kg dry	3.7	1	"	"	"	"	"	X
75-00-3	Chloroethane	BRL		µg/kg dry	7.5	1	"	"	"	"	"	X
67-66-3	Chloroform	BRL		µg/kg dry	3.7	1	"	"	"	"	"	X
74-87-3	Chloromethane	BRL		µg/kg dry	7.5	1	"	"	"	"	"	X
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	3.7	1	"	"	"	"	"	X
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	3.7	1	"	"	"	"	"	X
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	7.5	1	"	"	"	"	"	X
124-48-1	Dibromochloromethane	BRL		µg/kg dry	3.7	1	"	"	"	"	"	X
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	3.7	1	"	"	"	"	"	X
74-95-3	Dibromomethane	BRL		µg/kg dry	3.7	1	"	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	3.7	1	"	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	3.7	1	"	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	3.7	1	"	"	"	"	"	X
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	7.5	1	"	"	"	"	"	X
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	3.7	1	"	"	"	"	"	X
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	3.7	1	"	"	"	"	"	X
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	3.7	1	"	"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	3.7	1	"	"	"	"	"	X
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	3.7	1	"	"	"	"	"	X
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	3.7	1	"	"	"	"	"	X
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	3.7	1	"	"	"	"	"	X
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	3.7	1	"	"	"	"	"	X
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	3.7	1	"	"	"	"	"	X
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	3.7	1	"	"	"	"	"	X
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	3.7	1	"	"	"	"	"	X
100-41-4	Ethylbenzene	BRL		µg/kg dry	3.7	1	"	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	3.7	1	"	"	"	"	"	X
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	37.5	1	"	"	"	"	"	X

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
SSB-5 4'-8' SB14714-11	171-305	Soil	01-Jul-10 08:45	02-Jul-10

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Volatile Organic Compounds												
Volatile Organic Compounds Prepared by method SW846 5035A Soil (low level)					Initial weight: 17 g							
98-82-8	Isopropylbenzene	BRL		µg/kg dry	3.7	1	SW846 8260B/C	07-Jul-10	07-Jul-10	JRO	1014299	X
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	3.7	1	"	"	"	"	"	X
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	3.7	1	"	"	"	"	"	X
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	37.5	1	"	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/kg dry	7.5	1	"	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	3.7	1	"	"	"	"	"	X
103-65-1	n-Propylbenzene	BRL		µg/kg dry	3.7	1	"	"	"	"	"	X
100-42-5	Styrene	BRL		µg/kg dry	3.7	1	"	"	"	"	"	X
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	3.7	1	"	"	"	"	"	X
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	3.7	1	"	"	"	"	"	X
127-18-4	Tetrachloroethene	BRL		µg/kg dry	3.7	1	"	"	"	"	"	X
108-88-3	Toluene	BRL		µg/kg dry	3.7	1	"	"	"	"	"	X
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	3.7	1	"	"	"	"	"	
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	3.7	1	"	"	"	"	"	X
108-70-3	1,3,5-Trichlorobenzene	BRL		µg/kg dry	3.7	1	"	"	"	"	"	
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	3.7	1	"	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	3.7	1	"	"	"	"	"	X
79-01-6	Trichloroethene	BRL		µg/kg dry	3.7	1	"	"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	3.7	1	"	"	"	"	"	X
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	3.7	1	"	"	"	"	"	X
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	3.7	1	"	"	"	"	"	X
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	3.7	1	"	"	"	"	"	X
75-01-4	Vinyl chloride	BRL		µg/kg dry	3.7	1	"	"	"	"	"	X
179601-23-1	m,p-Xylene	BRL		µg/kg dry	7.5	1	"	"	"	"	"	X
95-47-6	o-Xylene	BRL		µg/kg dry	3.7	1	"	"	"	"	"	X
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	7.5	1	"	"	"	"	"	
60-29-7	Ethyl ether	BRL		µg/kg dry	3.7	1	"	"	"	"	"	
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	3.7	1	"	"	"	"	"	
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	3.7	1	"	"	"	"	"	
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	3.7	1	"	"	"	"	"	
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	37.5	1	"	"	"	"	"	X
123-91-1	1,4-Dioxane	BRL		µg/kg dry	75.0	1	"	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	18.7	1	"	"	"	"	"	
64-17-5	Ethanol	BRL		µg/kg dry	1500	1	"	"	"	"	"	
Surrogate recoveries:												
460-00-4	*4-Bromofluorobenzene*	*96*			*70-130 %*		"	"	"	"	"	
2037-26-5	*Toluene-d8*	*101*			*70-130 %*		"	"	"	"	"	
17060-07-0	*1,2-Dichloroethane-d4*	*139*	SGC		*70-130 %*		"	"	"	"	"	
1868-53-7	*Dibromofluoromethane*	*118*			*70-130 %*		"	"	"	"	"	
Semivolatile Organic Compounds by GCMS												
PAHs by SW846 8270C Prepared by method SW846 3545A												
83-32-9	Acenaphthene	BRL		µg/kg dry	179	1	SW846 8270C/D	09-Jul-10	14-Jul-10	MM	1014478	X
208-96-8	Acenaphthylene	BRL		µg/kg dry	179	1	"	"	"	"	"	X

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
SSB-5 4'-8'	171-305	Soil	01-Jul-10 08:45	02-Jul-10
SB14714-11				

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Analyst*	*Batch*	*Cert.*
Semivolatile Organic Compounds by GCMS												
PAHs by SW846 8270C												
Prepared by method SW846 3545A												
120-12-7	Anthracene	BRL		µg/kg dry	179	1	SW846 8270C/D	09-Jul-10	14-Jul-10	MM	1014478	X
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	179	1	"	"	"	"	"	X
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	179	1	"	"	"	"	"	X
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	179	1	"	"	"	"	"	X
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	179	1	"	"	"	"	"	X
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	179	1	"	"	"	"	"	X
218-01-9	Chrysene	BRL		µg/kg dry	179	1	"	"	"	"	"	X
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	179	1	"	"	"	"	"	X
206-44-0	Fluoranthene	BRL		µg/kg dry	179	1	"	"	"	"	"	X
86-73-7	Fluorene	BRL		µg/kg dry	179	1	"	"	"	"	"	X
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	179	1	"	"	"	"	"	X
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	179	1	"	"	"	"	"	
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	179	1	"	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	179	1	"	"	"	"	"	X
85-01-8	Phenanthrene	BRL		µg/kg dry	179	1	"	"	"	"	"	X
129-00-0	Pyrene	BRL		µg/kg dry	179	1	"	"	"	"	"	X
Surrogate recoveries:												
321-60-8	*2-Fluorobiphenyl*	*81*			*30-130 %*		"	"	"	"	"	
1718-51-0	*Terphenyl-d14*	*86*			*30-130 %*		"	"	"	"	"	
Semivolatile Organic Compounds by GC												
Polychlorinated Biphenyls by SW846 8082												
Prepared by method SW846 3545A												
12674-11-2	Aroclor-1016	BRL		µg/kg dry	26.4	1	SW846 8082	09-Jul-10	10-Jul-10	SM	1014483	X
11104-28-2	Aroclor-1221	BRL		µg/kg dry	26.4	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	BRL		µg/kg dry	26.4	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	BRL		µg/kg dry	26.4	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	BRL		µg/kg dry	26.4	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	BRL		µg/kg dry	26.4	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	BRL		µg/kg dry	26.4	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	BRL		µg/kg dry	26.4	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	BRL		µg/kg dry	26.4	1	"	"	"	"	"	X
Surrogate recoveries:												
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*73*			*30-150 %*		"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*103*			*30-150 %*		"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*102*			*30-150 %*		"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*118*			*30-150 %*		"	"	"	"	"	
Extractable Petroleum Hydrocarbons												
Extractable Total Petroleum Hydrocarbons												
Prepared by method SW846 3545A												
8006-61-9	Gasoline	BRL		mg/kg dry	35.7	1	+CT ETPH	09-Jul-10	10-Jul-10	SHM	1014476	
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	35.7	1	"	"	"	"	"	
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	35.7	1	"	"	"	"	"	
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	35.7	1	"	"	"	"	"	
M09800000	Motor Oil	BRL		mg/kg dry	35.7	1	"	"	"	"	"	

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
SSB-5 4'-8'	171-305	Soil	01-Jul-10 08:45	02-Jul-10
SB14714-11				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Extractable Petroleum Hydrocarbons												
Extractable Total Petroleum Hydrocarbons Prepared by method SW846 3545A												
J00100000	Aviation Fuel	BRL		mg/kg dry	35.7	1	+CT ETPH	09-Jul-10	10-Jul-10	SHM	1014476	
	Unidentified	BRL		mg/kg dry	35.7	1	"	"	"	"	"	
	Other Oil	BRL		mg/kg dry	35.7	1	"	"	"	"	"	
	Total Petroleum Hydrocarbons	BRL		mg/kg dry	35.7	1	"	"	"	"	"	
	C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg dry	35.7	1	"	"	"	"	"	
Surrogate recoveries:												
3386-33-2	*1-Chlorooctadecane*	73			*50-150 %*		"	"	"	"	"	
Total Metals by EPA 6000/7000 Series Methods												
7440-38-2	Arsenic	BRL		mg/kg dry	1.97	1	SW846 6010B	09-Jul-10	10-Jul-10	TBG	1014403	X
7440-43-9	Cadmium	1.63		mg/kg dry	0.658	1	"	"	"	"	"	X
7440-47-3	Chromium	51.6		mg/kg dry	1.32	1	"	"	"	"	"	X
7439-97-6	Mercury	BRL		mg/kg dry	0.0386	1	SW846 7471A	"	10-Jul-10	HB	1014404	X
7439-92-1	Lead	14.7		mg/kg dry	1.97	1	SW846 6010B	"	12-Jul-10	LR	1014403	X
SPLP Metals by EPA 1312 & 6000/7000 Series Methods												
	SPLP Extraction	Completed		N/A		1	SW846 1312	15-Jul-10	16-Jul-10	DT	1015022	
7440-43-9	Cadmium	BRL		mg/l	0.0050	1	SW846 1312/6010B	19-Jul-10	19-Jul-10	TBG	1015078	
7440-47-3	Chromium	0.0235		mg/l	0.0100	1	"	"	"	"	"	
7439-92-1	Lead	BRL		mg/l	0.0150	1	"	"	"	"	"	
General Chemistry Parameters												
	% Solids	74.0		%		1	SM2540 G Mod.	07-Jul-10	07-Jul-10	BD	1014319	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
SSB-6 2'-4'	171-305	Soil	01-Jul-10 10:15	02-Jul-10
SB14714-12				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Volatile Organic Compounds												
	VOC Extraction	Field extracted		N/A		1	OC Soil Extraction	06-Jul-10	06-Jul-10	BD	1014243	
Volatile Organic Compounds Prepared by method SW846 5035A Soil (low level)					Initial weight: 4.91 g							
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg dry	6.4	1	SW846 8260B/C	07-Jul-10	07-Jul-10	JRO	1014299	X
67-64-1	Acetone	BRL		µg/kg dry	64.2	1	"	"	"	"	"	X
107-13-1	Acrylonitrile	BRL		µg/kg dry	6.4	1	"	"	"	"	"	X
71-43-2	Benzene	BRL		µg/kg dry	6.4	1	"	"	"	"	"	X
108-86-1	Bromobenzene	BRL		µg/kg dry	6.4	1	"	"	"	"	"	X
74-97-5	Bromochloromethane	BRL		µg/kg dry	6.4	1	"	"	"	"	"	X
75-27-4	Bromodichloromethane	BRL		µg/kg dry	6.4	1	"	"	"	"	"	X
75-25-2	Bromoform	BRL		µg/kg dry	6.4	1	"	"	"	"	"	X
74-83-9	Bromomethane	BRL		µg/kg dry	12.8	1	"	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	64.2	1	"	"	"	"	"	X
104-51-8	n-Butylbenzene	BRL		µg/kg dry	6.4	1	"	"	"	"	"	X
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	6.4	1	"	"	"	"	"	X
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	6.4	1	"	"	"	"	"	X
75-15-0	Carbon disulfide	BRL		µg/kg dry	12.8	1	"	"	"	"	"	X
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	6.4	1	"	"	"	"	"	X
108-90-7	Chlorobenzene	BRL		µg/kg dry	6.4	1	"	"	"	"	"	X
75-00-3	Chloroethane	BRL		µg/kg dry	12.8	1	"	"	"	"	"	X
67-66-3	Chloroform	BRL		µg/kg dry	6.4	1	"	"	"	"	"	X
74-87-3	Chloromethane	BRL		µg/kg dry	12.8	1	"	"	"	"	"	X
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	6.4	1	"	"	"	"	"	X
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	6.4	1	"	"	"	"	"	X
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	12.8	1	"	"	"	"	"	X
124-48-1	Dibromochloromethane	BRL		µg/kg dry	6.4	1	"	"	"	"	"	X
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	6.4	1	"	"	"	"	"	X
74-95-3	Dibromomethane	BRL		µg/kg dry	6.4	1	"	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	6.4	1	"	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	6.4	1	"	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	6.4	1	"	"	"	"	"	X
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	12.8	1	"	"	"	"	"	X
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	6.4	1	"	"	"	"	"	X
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	6.4	1	"	"	"	"	"	X
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	6.4	1	"	"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	6.4	1	"	"	"	"	"	X
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	6.4	1	"	"	"	"	"	X
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	6.4	1	"	"	"	"	"	X
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	6.4	1	"	"	"	"	"	X
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	6.4	1	"	"	"	"	"	X
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	6.4	1	"	"	"	"	"	X
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	6.4	1	"	"	"	"	"	X
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	6.4	1	"	"	"	"	"	X
100-41-4	Ethylbenzene	BRL		µg/kg dry	6.4	1	"	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	6.4	1	"	"	"	"	"	X
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	64.2	1	"	"	"	"	"	X

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
SSB-6 2'-4'	171-305	Soil	01-Jul-10 10:15	02-Jul-10
SB14714-12				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Volatile Organic Compounds												
Volatile Organic Compounds												
Prepared by method SW846 5035A Soil (low level)					Initial weight: 4.91 g							
98-82-8	Isopropylbenzene	BRL		µg/kg dry	6.4	1	SW846 8260B/C	07-Jul-10	07-Jul-10	JRO	1014299	X
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	6.4	1	"	"	"	"	"	X
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	6.4	1	"	"	"	"	"	X
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	64.2	1	"	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/kg dry	12.8	1	"	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	6.4	1	"	"	"	"	"	X
103-65-1	n-Propylbenzene	BRL		µg/kg dry	6.4	1	"	"	"	"	"	X
100-42-5	Styrene	BRL		µg/kg dry	6.4	1	"	"	"	"	"	X
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	6.4	1	"	"	"	"	"	X
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	6.4	1	"	"	"	"	"	X
127-18-4	Tetrachloroethene	BRL		µg/kg dry	6.4	1	"	"	"	"	"	X
108-88-3	Toluene	BRL		µg/kg dry	6.4	1	"	"	"	"	"	
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	6.4	1	"	"	"	"	"	X
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	6.4	1	"	"	"	"	"	
108-70-3	1,3,5-Trichlorobenzene	BRL		µg/kg dry	6.4	1	"	"	"	"	"	X
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	6.4	1	"	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	6.4	1	"	"	"	"	"	X
79-01-6	Trichloroethene	BRL		µg/kg dry	6.4	1	"	"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	6.4	1	"	"	"	"	"	X
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	6.4	1	"	"	"	"	"	X
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	6.4	1	"	"	"	"	"	X
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	6.4	1	"	"	"	"	"	X
75-01-4	Vinyl chloride	BRL		µg/kg dry	6.4	1	"	"	"	"	"	X
179601-23-1	m,p-Xylene	BRL		µg/kg dry	12.8	1	"	"	"	"	"	X
95-47-6	o-Xylene	BRL		µg/kg dry	6.4	1	"	"	"	"	"	
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	12.8	1	"	"	"	"	"	
60-29-7	Ethyl ether	BRL		µg/kg dry	6.4	1	"	"	"	"	"	
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	6.4	1	"	"	"	"	"	
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	6.4	1	"	"	"	"	"	
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	6.4	1	"	"	"	"	"	X
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	64.2	1	"	"	"	"	"	X
123-91-1	1,4-Dioxane	BRL		µg/kg dry	128	1	"	"	"	"	"	
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	32.1	1	"	"	"	"	"	
64-17-5	Ethanol	BRL		µg/kg dry	2570	1	"	"	"	"	"	
Surrogate recoveries:												
460-00-4	*4-Bromofluorobenzene*	*94*			*70-130 %*		"	"	"	"	"	
2037-26-5	*Toluene-d8*	*99*			*70-130 %*		"	"	"	"	"	
17060-07-0	*1,2-Dichloroethane-d4*	*134*	SGC		*70-130 %*		"	"	"	"	"	
1868-53-7	*Dibromofluoromethane*	*115*			*70-130 %*		"	"	"	"	"	
Semivolatile Organic Compounds by GCMS												
PAHs by SW846 8270C												
Prepared by method SW846 3545A												
83-32-9	Acenaphthene	325		µg/kg dry	147	1	SW846 8270C/D	09-Jul-10	14-Jul-10	MM	1014478	X
208-96-8	Acenaphthylene	922		µg/kg dry	147	1	"	"	"	"	"	X

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
SSB-6 2'-4' SB14714-12	171-305	Soil	01-Jul-10 10:15	02-Jul-10

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GCMS												
PAHs by SW846 8270C Prepared by method SW846 3545A												
120-12-7	Anthracene	867		µg/kg dry	147	1	SW846 8270C/D	09-Jul-10	14-Jul-10	MM	1014478	X
56-55-3	Benzo (a) anthracene	1,750		µg/kg dry	147	1	"	"	"	"	"	X
50-32-8	Benzo (a) pyrene	1,340		µg/kg dry	147	1	"	"	"	"	"	X
205-99-2	Benzo (b) fluoranthene	1,120		µg/kg dry	147	1	"	"	"	"	"	X
191-24-2	Benzo (g,h,i) perylene	626		µg/kg dry	147	1	"	"	"	"	"	X
207-08-9	Benzo (k) fluoranthene	1,270		µg/kg dry	147	1	"	"	"	"	"	X
218-01-9	Chrysene	1,790		µg/kg dry	147	1	"	"	"	"	"	X
53-70-3	Dibenzo (a,h) anthracene	168		µg/kg dry	147	1	"	"	"	"	"	X
206-44-0	Fluoranthene	3,260		µg/kg dry	147	1	"	"	"	"	"	X
86-73-7	Fluorene	1,760		µg/kg dry	147	1	"	"	"	"	"	X
193-39-5	Indeno (1,2,3-cd) pyrene	622		µg/kg dry	147	1	"	"	"	"	"	X
90-12-0	1-Methylnaphthalene	623		µg/kg dry	147	1	"	"	"	"	"	
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	147	1	"	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	147	1	"	"	"	"	"	X
85-01-8	Phenanthrene	6,200		µg/kg dry	147	1	"	"	"	"	"	X
129-00-0	Pyrene	3,880		µg/kg dry	147	1	"	"	"	"	"	X
Surrogate recoveries:												
321-60-8	*2-Fluorobiphenyl*	*90*			*30-130 %*		"	"	"	"	"	
1718-51-0	*Terphenyl-d14*	*86*			*30-130 %*		"	"	"	"	"	
Semivolatile Organic Compounds by GC												
Polychlorinated Biphenyls by SW846 8082 Prepared by method SW846 3545A												
12674-11-2	Aroclor-1016	BRL		µg/kg dry	22.6	1	SW846 8082	09-Jul-10	10-Jul-10	SM	1014483	X
11104-28-2	Aroclor-1221	BRL		µg/kg dry	22.6	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	BRL		µg/kg dry	22.6	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	BRL		µg/kg dry	22.6	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	BRL		µg/kg dry	22.6	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	BRL		µg/kg dry	22.6	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	BRL		µg/kg dry	22.6	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	BRL		µg/kg dry	22.6	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	BRL		µg/kg dry	22.6	1	"	"	"	"	"	X
Surrogate recoveries:												
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*66*			*30-150 %*		"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*103*			*30-150 %*		"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*91*			*30-150 %*		"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*121*			*30-150 %*		"	"	"	"	"	
Extractable Petroleum Hydrocarbons												
Extractable Total Petroleum Hydrocarbons Prepared by method SW846 3545A												
8006-61-9	Gasoline	BRL		mg/kg dry	29.4	1	+CT ETPH	09-Jul-10	10-Jul-10	SHM	1014476	
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	29.4	1	"	"	"	"	"	
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	29.4	1	"	"	"	"	"	
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	29.4	1	"	"	"	"	"	
M09800000	Motor Oil	BRL		mg/kg dry	29.4	1	"	"	"	"	"	

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Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
SSB-6 2'-4'	171-305	Soil	01-Jul-10 10:15	02-Jul-10
SB14714-12				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Extractable Petroleum Hydrocarbons												
Extractable Total Petroleum Hydrocarbons Prepared by method SW846 3545A												
J00100000	Aviation Fuel	BRL		mg/kg dry	29.4	1	+CT ETPH	09-Jul-10	10-Jul-10	SHM	1014476	
	Unidentified	192		mg/kg dry	29.4	1	"	"	"	"	"	
	Other Oil	Calculated as		mg/kg dry	29.4	1	"	"	"	"	"	
	Total Petroleum Hydrocarbons	192		mg/kg dry	29.4	1	"	"	"	"	"	
	C9-C36 Aliphatic Hydrocarbons	192		mg/kg dry	29.4	1	"	"	"	"	"	
Surrogate recoveries:												
3386-33-2	*1-Chlorooctadecane*	*104*			*50-150 %*		"	"	"	"	"	
Total Metals by EPA 6000/7000 Series Methods												
7440-38-2	Arsenic	3.94		mg/kg dry	1.54	1	SW846 6010B	09-Jul-10	10-Jul-10	TBG	1014403	X
7440-43-9	Cadmium	0.870		mg/kg dry	0.515	1	"	"	"	"	"	X
7440-47-3	Chromium	19.4		mg/kg dry	1.03	1	"	"	"	"	"	X
7439-97-6	Mercury	0.179		mg/kg dry	0.0327	1	SW846 7471A	"	10-Jul-10	HB	1014404	X
7439-92-1	Lead	197		mg/kg dry	1.54	1	SW846 6010B	"	12-Jul-10	LR	1014403	X
SPLP Metals by EPA 1312 & 6000/7000 Series Methods												
	SPLP Extraction	Completed		N/A		1	SW846 1312	15-Jul-10	16-Jul-10	DT	1015022	
7440-47-3	Chromium	BRL		mg/l	0.0100	1	SW846 1312/6010B	19-Jul-10	19-Jul-10	TBG	1015078	
7439-92-1	Lead	0.0847		mg/l	0.0150	1	"	"	"	"	"	
General Chemistry Parameters												
	% Solids	88.4		%		1	SM2540 G Mod.	07-Jul-10	07-Jul-10	BD	1014319	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
SSB-6 4'-8'	171-305	Soil	01-Jul-10 10:24	02-Jul-10
SB14714-13				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Volatile Organic Compounds												
	VOC Extraction	Field extracted		N/A		1	OC Soil Extraction	06-Jul-10	06-Jul-10	BD	1014243	
Volatile Organic Compounds Prepared by method SW846 5035A Soil (low level)					Initial weight: 5 g							
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg dry	7.2	1	SW846 8260B/C	07-Jul-10	07-Jul-10	JRO	1014299	X
67-64-1	Acetone	95.8		µg/kg dry	71.8	1	"	"	"	"	"	X
107-13-1	Acrylonitrile	BRL		µg/kg dry	7.2	1	"	"	"	"	"	X
71-43-2	Benzene	BRL		µg/kg dry	7.2	1	"	"	"	"	"	X
108-86-1	Bromobenzene	BRL		µg/kg dry	7.2	1	"	"	"	"	"	X
74-97-5	Bromochloromethane	BRL		µg/kg dry	7.2	1	"	"	"	"	"	X
75-27-4	Bromodichloromethane	BRL		µg/kg dry	7.2	1	"	"	"	"	"	X
75-25-2	Bromoform	BRL		µg/kg dry	7.2	1	"	"	"	"	"	X
74-83-9	Bromomethane	BRL		µg/kg dry	14.4	1	"	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	71.8	1	"	"	"	"	"	X
104-51-8	n-Butylbenzene	BRL		µg/kg dry	7.2	1	"	"	"	"	"	X
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	7.2	1	"	"	"	"	"	X
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	7.2	1	"	"	"	"	"	X
75-15-0	Carbon disulfide	BRL		µg/kg dry	14.4	1	"	"	"	"	"	X
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	7.2	1	"	"	"	"	"	X
108-90-7	Chlorobenzene	BRL		µg/kg dry	7.2	1	"	"	"	"	"	X
75-00-3	Chloroethane	BRL		µg/kg dry	14.4	1	"	"	"	"	"	X
67-66-3	Chloroform	BRL		µg/kg dry	7.2	1	"	"	"	"	"	X
74-87-3	Chloromethane	BRL		µg/kg dry	14.4	1	"	"	"	"	"	X
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	7.2	1	"	"	"	"	"	X
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	7.2	1	"	"	"	"	"	X
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	14.4	1	"	"	"	"	"	X
124-48-1	Dibromochloromethane	BRL		µg/kg dry	7.2	1	"	"	"	"	"	X
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	7.2	1	"	"	"	"	"	X
74-95-3	Dibromomethane	BRL		µg/kg dry	7.2	1	"	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	7.2	1	"	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	7.2	1	"	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	7.2	1	"	"	"	"	"	X
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	14.4	1	"	"	"	"	"	X
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	7.2	1	"	"	"	"	"	X
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	7.2	1	"	"	"	"	"	X
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	7.2	1	"	"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	7.2	1	"	"	"	"	"	X
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	7.2	1	"	"	"	"	"	X
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	7.2	1	"	"	"	"	"	X
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	7.2	1	"	"	"	"	"	X
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	7.2	1	"	"	"	"	"	X
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	7.2	1	"	"	"	"	"	X
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	7.2	1	"	"	"	"	"	X
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	7.2	1	"	"	"	"	"	X
100-41-4	Ethylbenzene	BRL		µg/kg dry	7.2	1	"	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	7.2	1	"	"	"	"	"	X
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	71.8	1	"	"	"	"	"	X

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Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
SSB-6 4'-8'	171-305	Soil	01-Jul-10 10:24	02-Jul-10
SB14714-13				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Volatile Organic Compounds												
Volatile Organic Compounds												
Prepared by method SW846 5035A Soil (low level)					Initial weight: 5 g							
98-82-8	Isopropylbenzene	BRL		µg/kg dry	7.2	1	SW846 8260B/C	07-Jul-10	07-Jul-10	JRO	1014299	X
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	7.2	1	"	"	"	"	"	X
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	7.2	1	"	"	"	"	"	X
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	71.8	1	"	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/kg dry	14.4	1	"	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	7.2	1	"	"	"	"	"	X
103-65-1	n-Propylbenzene	BRL		µg/kg dry	7.2	1	"	"	"	"	"	X
100-42-5	Styrene	BRL		µg/kg dry	7.2	1	"	"	"	"	"	X
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	7.2	1	"	"	"	"	"	X
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	7.2	1	"	"	"	"	"	X
127-18-4	Tetrachloroethene	BRL		µg/kg dry	7.2	1	"	"	"	"	"	X
108-88-3	Toluene	BRL		µg/kg dry	7.2	1	"	"	"	"	"	
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	7.2	1	"	"	"	"	"	X
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	7.2	1	"	"	"	"	"	
108-70-3	1,3,5-Trichlorobenzene	BRL		µg/kg dry	7.2	1	"	"	"	"	"	X
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	7.2	1	"	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	7.2	1	"	"	"	"	"	X
79-01-6	Trichloroethene	BRL		µg/kg dry	7.2	1	"	"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	7.2	1	"	"	"	"	"	X
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	7.2	1	"	"	"	"	"	X
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	7.2	1	"	"	"	"	"	X
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	7.2	1	"	"	"	"	"	X
75-01-4	Vinyl chloride	BRL		µg/kg dry	14.4	1	"	"	"	"	"	X
179601-23-1	m,p-Xylene	BRL		µg/kg dry	7.2	1	"	"	"	"	"	X
95-47-6	o-Xylene	BRL		µg/kg dry	14.4	1	"	"	"	"	"	
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	7.2	1	"	"	"	"	"	
60-29-7	Ethyl ether	BRL		µg/kg dry	7.2	1	"	"	"	"	"	
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	7.2	1	"	"	"	"	"	
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	7.2	1	"	"	"	"	"	
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	71.8	1	"	"	"	"	"	X
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	144	1	"	"	"	"	"	X
123-91-1	1,4-Dioxane	BRL		µg/kg dry	35.9	1	"	"	"	"	"	
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	2870	1	"	"	"	"	"	
64-17-5	Ethanol	BRL		µg/kg dry								
Surrogate recoveries:												
460-00-4	*4-Bromofluorobenzene*	*99*			*70-130 %*		"	"	"	"	"	
2037-26-5	*Toluene-d8*	*102*			*70-130 %*		"	"	"	"	"	
17060-07-0	*1,2-Dichloroethane-d4*	*134*	SGC		*70-130 %*		"	"	"	"	"	
1868-53-7	*Dibromofluoromethane*	*121*			*70-130 %*		"	"	"	"	"	
Semivolatile Organic Compounds by GCMS												
PAHs by SW846 8270C												
Prepared by method SW846 3545A												
83-32-9	Acenaphthene	BRL		µg/kg dry	155	1	SW846 8270C/D	09-Jul-10	14-Jul-10	MM	1014478	X
208-96-8	Acenaphthylene	BRL		µg/kg dry	155	1	"	"	"	"	"	X

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
SSB-6 4'-8'	171-305	Soil	01-Jul-10 10:24	02-Jul-10
SB14714-13				

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Analyst*	*Batch*	*Cert.*
Semivolatile Organic Compounds by GCMS												
PAHs by SW846 8270C												
Prepared by method SW846 3545A												
120-12-7	Anthracene	BRL		µg/kg dry	155	1	SW846 8270C/D	09-Jul-10	14-Jul-10	MM	1014478	X
56-55-3	Benzo (a) anthracene	BRL		µg/kg dry	155	1	"	"	"	"	"	X
50-32-8	Benzo (a) pyrene	BRL		µg/kg dry	155	1	"	"	"	"	"	X
205-99-2	Benzo (b) fluoranthene	BRL		µg/kg dry	155	1	"	"	"	"	"	X
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	155	1	"	"	"	"	"	X
207-08-9	Benzo (k) fluoranthene	BRL		µg/kg dry	155	1	"	"	"	"	"	X
218-01-9	Chrysene	BRL		µg/kg dry	155	1	"	"	"	"	"	X
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	155	1	"	"	"	"	"	X
206-44-0	Fluoranthene	BRL		µg/kg dry	155	1	"	"	"	"	"	X
86-73-7	Fluorene	BRL		µg/kg dry	155	1	"	"	"	"	"	X
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	155	1	"	"	"	"	"	X
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	155	1	"	"	"	"	"	
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	155	1	"	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	155	1	"	"	"	"	"	X
85-01-8	Phenanthrene	BRL		µg/kg dry	155	1	"	"	"	"	"	X
129-00-0	Pyrene	BRL		µg/kg dry	155	1	"	"	"	"	"	X
Surrogate recoveries:												
321-60-8	*2-Fluorobiphenyl*	*86*			*30-130 %*		"	"	"	"	"	
1718-51-0	*Terphenyl-dl4*	*97*			*30-130 %*		"	"	"	"	"	
Semivolatile Organic Compounds by GC												
Polychlorinated Biphenyls by SW846 8082												
Prepared by method SW846 3545A												
12674-11-2	Aroclor-1016	BRL		µg/kg dry	24.1	1	SW846 8082	09-Jul-10	10-Jul-10	SM	1014483	X
11104-28-2	Aroclor-1221	BRL		µg/kg dry	24.1	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	BRL		µg/kg dry	24.1	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	BRL		µg/kg dry	24.1	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	BRL		µg/kg dry	24.1	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	BRL		µg/kg dry	24.1	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	BRL		µg/kg dry	24.1	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	BRL		µg/kg dry	24.1	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	BRL		µg/kg dry	24.1	1	"	"	"	"	"	X
Surrogate recoveries:												
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*93*			*30-150 %*		"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*86*			*30-150 %*		"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*90*			*30-150 %*		"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*94*			*30-150 %*		"	"	"	"	"	
Extractable Petroleum Hydrocarbons												
Extractable Total Petroleum Hydrocarbons												
Prepared by method SW846 3545A												
8006-61-9	Gasoline	BRL		mg/kg dry	31.0	1	+CT ETPH	09-Jul-10	10-Jul-10	SHM	1014476	
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	31.0	1	"	"	"	"	"	
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	31.0	1	"	"	"	"	"	
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	31.0	1	"	"	"	"	"	
M09800000	Motor Oil	BRL		mg/kg dry	31.0	1	"	"	"	"	"	

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
SSB-6 4'-8'	171-305	Soil	01-Jul-10 10:24	02-Jul-10
SB14714-13				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Extractable Petroleum Hydrocarbons												
Extractable Total Petroleum Hydrocarbons Prepared by method SW846 3545A												
J00100000	Aviation Fuel	BRL		mg/kg dry	31.0	1	+CT ETPH	09-Jul-10	10-Jul-10	SHM	1014476	
	Unidentified	BRL		mg/kg dry	31.0	1	"	"	"	"	"	
	Other Oil	BRL		mg/kg dry	31.0	1	"	"	"	"	"	
	Total Petroleum Hydrocarbons	BRL		mg/kg dry	31.0	1	"	"	"	"	"	
	C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg dry	31.0	1	"	"	"	"	"	
Surrogate recoveries:												
3386-33-2	*1-Chlorooctadecane*	*82*			*50-150 %*		"	"	"	"	"	
Total Metals by EPA 6000/7000 Series Methods												
7440-38-2	Arsenic	BRL		mg/kg dry	1.59	1	SW846 6010B	09-Jul-10	10-Jul-10	TBG	1014403	X
7440-43-9	Cadmium	0.946		mg/kg dry	0.531	1	"	"	"	"	"	X
7440-47-3	Chromium	26.5		mg/kg dry	1.06	1	"	"	"	"	"	X
7439-97-6	Mercury	BRL		mg/kg dry	0.0328	1	SW846 7471A	"	10-Jul-10	HB	1014404	X
7439-92-1	Lead	12.0		mg/kg dry	1.59	1	SW846 6010B	"	12-Jul-10	LR	1014403	X
SPLP Metals by EPA 1312 & 6000/7000 Series Methods												
	SPLP Extraction	Completed		N/A		1	SW846 1312	15-Jul-10	16-Jul-10	DT	1015022	
7440-47-3	Chromium	0.0230		mg/l	0.0100	1	SW846 1312/6010B	19-Jul-10	22-Jul-10	JB	1015078	
7439-92-1	Lead	BRL		mg/l	0.0150	1	"	"	19-Jul-10	"	"	
General Chemistry Parameters												
	% Solids	82.1		%		1	SM2540 G Mod.	07-Jul-10	07-Jul-10	BD	1014320	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
SSB-7 2'-4'	171-305	Soil	01-Jul-10 11:19	02-Jul-10
SB14714-14				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Volatile Organic Compounds												
	VOC Extraction	Field extracted		N/A		1	OC Soil Extraction	06-Jul-10	06-Jul-10	BD	1014243	
Volatile Organic Compounds Prepared by method SW846 5035A Soil (low level)					Initial weight: 4.72 g							
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg dry	6.4	1	SW846 8260B/C	07-Jul-10	07-Jul-10	JRO	1014299	X
67-64-1	Acetone	BRL		µg/kg dry	64.5	1	"	"	"	"	"	X
107-13-1	Acrylonitrile	BRL		µg/kg dry	6.4	1	"	"	"	"	"	X
71-43-2	Benzene	BRL		µg/kg dry	6.4	1	"	"	"	"	"	X
108-86-1	Bromobenzene	BRL		µg/kg dry	6.4	1	"	"	"	"	"	X
74-97-5	Bromochloromethane	BRL		µg/kg dry	6.4	1	"	"	"	"	"	X
75-27-4	Bromodichloromethane	BRL		µg/kg dry	6.4	1	"	"	"	"	"	X
75-25-2	Bromoform	BRL		µg/kg dry	6.4	1	"	"	"	"	"	X
74-83-9	Bromomethane	BRL		µg/kg dry	12.9	1	"	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	64.5	1	"	"	"	"	"	X
104-51-8	n-Butylbenzene	BRL		µg/kg dry	6.4	1	"	"	"	"	"	X
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	6.4	1	"	"	"	"	"	X
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	6.4	1	"	"	"	"	"	X
75-15-0	Carbon disulfide	BRL		µg/kg dry	12.9	1	"	"	"	"	"	X
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	6.4	1	"	"	"	"	"	X
108-90-7	Chlorobenzene	BRL		µg/kg dry	6.4	1	"	"	"	"	"	X
75-00-3	Chloroethane	BRL		µg/kg dry	12.9	1	"	"	"	"	"	X
67-66-3	Chloroform	BRL		µg/kg dry	6.4	1	"	"	"	"	"	X
74-87-3	Chloromethane	BRL		µg/kg dry	12.9	1	"	"	"	"	"	X
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	6.4	1	"	"	"	"	"	X
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	6.4	1	"	"	"	"	"	X
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	12.9	1	"	"	"	"	"	X
124-48-1	Dibromochloromethane	BRL		µg/kg dry	6.4	1	"	"	"	"	"	X
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	6.4	1	"	"	"	"	"	X
74-95-3	Dibromomethane	BRL		µg/kg dry	6.4	1	"	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	6.4	1	"	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	6.4	1	"	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	6.4	1	"	"	"	"	"	X
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	12.9	1	"	"	"	"	"	X
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	6.4	1	"	"	"	"	"	X
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	6.4	1	"	"	"	"	"	X
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	6.4	1	"	"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	6.4	1	"	"	"	"	"	X
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	6.4	1	"	"	"	"	"	X
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	6.4	1	"	"	"	"	"	X
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	6.4	1	"	"	"	"	"	X
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	6.4	1	"	"	"	"	"	X
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	6.4	1	"	"	"	"	"	X
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	6.4	1	"	"	"	"	"	X
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	6.4	1	"	"	"	"	"	X
100-41-4	Ethylbenzene	BRL		µg/kg dry	6.4	1	"	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	6.4	1	"	"	"	"	"	X
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	64.5	1	"	"	"	"	"	X

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
SSB-7 2'-4' SB14714-14	171-305	Soil	01-Jul-10 11:19	02-Jul-10

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Volatile Organic Compounds												
Volatile Organic Compounds												
Prepared by method SW846 5035A Soil (low level)					Initial weight: 4.72 g							
98-82-8	Isopropylbenzene	BRL		µg/kg dry	6.4	1	SW846 8260B/C	07-Jul-10	07-Jul-10	JRO	1014299	X
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	6.4	1	"	"	"	"	"	X
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	6.4	1	"	"	"	"	"	X
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	64.5	1	"	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/kg dry	12.9	1	"	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	6.4	1	"	"	"	"	"	X
103-65-1	n-Propylbenzene	BRL		µg/kg dry	6.4	1	"	"	"	"	"	X
100-42-5	Styrene	BRL		µg/kg dry	6.4	1	"	"	"	"	"	X
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	6.4	1	"	"	"	"	"	X
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	6.4	1	"	"	"	"	"	X
127-18-4	Tetrachloroethene	BRL		µg/kg dry	6.4	1	"	"	"	"	"	X
108-88-3	Toluene	BRL		µg/kg dry	6.4	1	"	"	"	"	"	X
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	6.4	1	"	"	"	"	"	
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	6.4	1	"	"	"	"	"	X
108-70-3	1,3,5-Trichlorobenzene	BRL		µg/kg dry	6.4	1	"	"	"	"	"	
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	6.4	1	"	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	6.4	1	"	"	"	"	"	X
79-01-6	Trichloroethene	BRL		µg/kg dry	6.4	1	"	"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	6.4	1	"	"	"	"	"	X
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	6.4	1	"	"	"	"	"	X
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	6.4	1	"	"	"	"	"	X
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	6.4	1	"	"	"	"	"	X
75-01-4	Vinyl chloride	BRL		µg/kg dry	6.4	1	"	"	"	"	"	X
179601-23-1	m,p-Xylene	BRL		µg/kg dry	12.9	1	"	"	"	"	"	X
95-47-6	o-Xylene	BRL		µg/kg dry	6.4	1	"	"	"	"	"	X
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	12.9	1	"	"	"	"	"	
60-29-7	Ethyl ether	BRL		µg/kg dry	6.4	1	"	"	"	"	"	
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	6.4	1	"	"	"	"	"	
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	6.4	1	"	"	"	"	"	
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	6.4	1	"	"	"	"	"	
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	64.5	1	"	"	"	"	"	X
123-91-1	1,4-Dioxane	BRL		µg/kg dry	129	1	"	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	32.2	1	"	"	"	"	"	
64-17-5	Ethanol	BRL		µg/kg dry	2580	1	"	"	"	"	"	
Surrogate recoveries:												
460-00-4	*4-Bromofluorobenzene*	*93*			*70-130 %*		"	"	"	"	"	
2037-26-5	*Toluene-d8*	*99*			*70-130 %*		"	"	"	"	"	
17060-07-0	*1,2-Dichloroethane-d4*	*130*			*70-130 %*		"	"	"	"	"	
1868-53-7	*Dibromofluoromethane*	*115*			*70-130 %*		"	"	"	"	"	
Semivolatile Organic Compounds by GCMS												
PAHs by SW846 8270C												
Prepared by method SW846 3545A												
83-32-9	Acenaphthene	196		µg/kg dry	147	1	SW846 8270C/D	09-Jul-10	14-Jul-10	MM	1014478	X
208-96-8	Acenaphthylene	BRL		µg/kg dry	147	1	"	"	"	"	"	X

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
SSB-7 2'-4'	171-305	Soil	01-Jul-10 11:19	02-Jul-10
SB14714-14				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GCMS												
PAHs by SW846 8270C												
Prepared by method SW846 3545A												
120-12-7	Anthracene	297		µg/kg dry	147	1	SW846 8270C/D	09-Jul-10	14-Jul-10	MM	1014478	X
56-55-3	Benzo (a) anthracene	969		µg/kg dry	147	1	"	"	"	"	"	X
50-32-8	Benzo (a) pyrene	845		µg/kg dry	147	1	"	"	"	"	"	X
205-99-2	Benzo (b) fluoranthene	888		µg/kg dry	147	1	"	"	"	"	"	X
191-24-2	Benzo (g,h,i) perylene	419		µg/kg dry	147	1	"	"	"	"	"	X
207-08-9	Benzo (k) fluoranthene	770		µg/kg dry	147	1	"	"	"	"	"	X
218-01-9	Chrysene	939		µg/kg dry	147	1	"	"	"	"	"	X
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	147	1	"	"	"	"	"	X
206-44-0	Fluoranthene	1,630		µg/kg dry	147	1	"	"	"	"	"	X
86-73-7	Fluorene	209		µg/kg dry	147	1	"	"	"	"	"	X
193-39-5	Indeno (1,2,3-cd) pyrene	396		µg/kg dry	147	1	"	"	"	"	"	X
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	147	1	"	"	"	"	"	
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	147	1	"	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	147	1	"	"	"	"	"	X
85-01-8	Phenanthrene	1,240		µg/kg dry	147	1	"	"	"	"	"	X
129-00-0	Pyrene	1,790		µg/kg dry	147	1	"	"	"	"	"	X
Surrogate recoveries:												
321-60-8	*2-Fluorobiphenyl*	*99*			*30-130 %*		"	"	"	"	"	
1718-51-0	*Terphenyl-d14*	*97*			*30-130 %*		"	"	"	"	"	
Semivolatile Organic Compounds by GC												
Polychlorinated Biphenyls by SW846 8082												
Prepared by method SW846 3545A												
12674-11-2	Aroclor-1016	BRL		µg/kg dry	21.7	1	SW846 8082	09-Jul-10	10-Jul-10	SM	1014483	X
11104-28-2	Aroclor-1221	BRL		µg/kg dry	21.7	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	BRL		µg/kg dry	21.7	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	BRL		µg/kg dry	21.7	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	BRL		µg/kg dry	21.7	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	BRL		µg/kg dry	21.7	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	BRL		µg/kg dry	21.7	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	BRL		µg/kg dry	21.7	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	BRL		µg/kg dry	21.7	1	"	"	"	"	"	X
Surrogate recoveries:												
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*86*			*30-150 %*		"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*81*			*30-150 %*		"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*90*			*30-150 %*		"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*109*			*30-150 %*		"	"	"	"	"	
Extractable Petroleum Hydrocarbons												
Extractable Total Petroleum Hydrocarbons			R01									
Prepared by method SW846 3545A												
8006-61-9	Gasoline	BRL		mg/kg dry	58.7	2	+CT ETPH	09-Jul-10	12-Jul-10	SHM	1014476	
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	58.7	2	"	"	"	"	"	
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	58.7	2	"	"	"	"	"	
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	58.7	2	"	"	"	"	"	
M09800000	Motor Oil	BRL		mg/kg dry	58.7	2	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
SSB-7 2'-4'	171-305	Soil	01-Jul-10 11:19	02-Jul-10
SB14714-14				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Extractable Petroleum Hydrocarbons												
Extractable Total Petroleum Hydrocarbons Prepared by method SW846 3545A			R01									
J00100000	Aviation Fuel	BRL		mg/kg dry	58.7	2	+CT ETPH	09-Jul-10	12-Jul-10	SHM	1014476	
	Unidentified	184		mg/kg dry	58.7	2	"	"	"	"	"	
	Other Oil	Calculated as		mg/kg dry	58.7	2	"	"	"	"	"	
	Total Petroleum Hydrocarbons	184		mg/kg dry	58.7	2	"	"	"	"	"	
	C9-C36 Aliphatic Hydrocarbons	184		mg/kg dry	58.7	2	"	"	"	"	"	
Surrogate recoveries:												
3386-33-2	*1-Chlorooctadecane*	*78*			*50-150 %*		"	"	"	"	"	
Total Metals by EPA 6000/7000 Series Methods												
7440-38-2	Arsenic	1.71		mg/kg dry	1.51	1	SW846 6010B	09-Jul-10	11-Jul-10	TBG	1014403	X
7440-43-9	Cadmium	0.838		mg/kg dry	0.505	1	"	"	"	"	"	X
7440-47-3	Chromium	15.7		mg/kg dry	1.01	1	"	"	"	"	"	X
7439-97-6	Mercury	0.0603		mg/kg dry	0.0305	1	SW846 7471A	"	10-Jul-10	HB	1014404	X
7439-92-1	Lead	108		mg/kg dry	1.51	1	SW846 6010B	"	12-Jul-10	LR	1014403	X
SPLP Metals by EPA 1312 & 6000/7000 Series Methods												
	SPLP Extraction	Completed		N/A		1	SW846 1312	15-Jul-10	16-Jul-10	DT	1015022	
7440-47-3	Chromium	BRL		mg/l	0.0100	1	SW846 1312/6010B	19-Jul-10	19-Jul-10	TBG	1015078	
7439-92-1	Lead	0.0413		mg/l	0.0150	1	"	"	"	"	"	
General Chemistry Parameters												
	% Solids	89.9		%		1	SM2540 G Mod.	07-Jul-10	07-Jul-10	BD	1014320	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
SSB-7 4'-8' SB14714-15	171-305	Soil	01-Jul-10 11:29	02-Jul-10

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Volatile Organic Compounds												
	VOC Extraction	Field extracted		N/A		1	OC Soil Extraction	06-Jul-10	06-Jul-10	BD	1014243	
Volatile Organic Compounds Prepared by method SW846 5035A Soil (low level)					Initial weight: 5.26 g							
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg dry	6.3	1	SW846 8260B/C	07-Jul-10	07-Jul-10	JRO	1014299	X
67-64-1	Acetone	76.3		µg/kg dry	62.7	1	"	"	"	"	"	X
107-13-1	Acrylonitrile	BRL		µg/kg dry	6.3	1	"	"	"	"	"	X
71-43-2	Benzene	BRL		µg/kg dry	6.3	1	"	"	"	"	"	X
108-86-1	Bromobenzene	BRL		µg/kg dry	6.3	1	"	"	"	"	"	X
74-97-5	Bromochloromethane	BRL		µg/kg dry	6.3	1	"	"	"	"	"	X
75-27-4	Bromodichloromethane	BRL		µg/kg dry	6.3	1	"	"	"	"	"	X
75-25-2	Bromoform	BRL		µg/kg dry	6.3	1	"	"	"	"	"	X
74-83-9	Bromomethane	BRL		µg/kg dry	12.5	1	"	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	62.7	1	"	"	"	"	"	X
104-51-8	n-Butylbenzene	BRL		µg/kg dry	6.3	1	"	"	"	"	"	X
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	6.3	1	"	"	"	"	"	X
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	6.3	1	"	"	"	"	"	X
75-15-0	Carbon disulfide	BRL		µg/kg dry	12.5	1	"	"	"	"	"	X
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	6.3	1	"	"	"	"	"	X
108-90-7	Chlorobenzene	BRL		µg/kg dry	6.3	1	"	"	"	"	"	X
75-00-3	Chloroethane	BRL		µg/kg dry	12.5	1	"	"	"	"	"	X
67-66-3	Chloroform	BRL		µg/kg dry	6.3	1	"	"	"	"	"	X
74-87-3	Chloromethane	BRL		µg/kg dry	12.5	1	"	"	"	"	"	X
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	6.3	1	"	"	"	"	"	X
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	6.3	1	"	"	"	"	"	X
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	12.5	1	"	"	"	"	"	X
124-48-1	Dibromochloromethane	BRL		µg/kg dry	6.3	1	"	"	"	"	"	X
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	6.3	1	"	"	"	"	"	X
74-95-3	Dibromomethane	BRL		µg/kg dry	6.3	1	"	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	6.3	1	"	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	6.3	1	"	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	6.3	1	"	"	"	"	"	X
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	12.5	1	"	"	"	"	"	X
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	6.3	1	"	"	"	"	"	X
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	6.3	1	"	"	"	"	"	X
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	6.3	1	"	"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	6.3	1	"	"	"	"	"	X
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	6.3	1	"	"	"	"	"	X
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	6.3	1	"	"	"	"	"	X
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	6.3	1	"	"	"	"	"	X
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	6.3	1	"	"	"	"	"	X
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	6.3	1	"	"	"	"	"	X
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	6.3	1	"	"	"	"	"	X
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	6.3	1	"	"	"	"	"	X
100-41-4	Ethylbenzene	BRL		µg/kg dry	6.3	1	"	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	6.3	1	"	"	"	"	"	X
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	62.7	1	"	"	"	"	"	X

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
SSB-7 4'-8'	171-305	Soil	01-Jul-10 11:29	02-Jul-10
SB14714-15				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Volatile Organic Compounds												
Volatile Organic Compounds												
Prepared by method SW846 5035A Soil (low level)					Initial weight: 5.26 g							
98-82-8	Isopropylbenzene	BRL		µg/kg dry	6.3	1	SW846 8260B/C	07-Jul-10	07-Jul-10	JRO	1014299	X
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	6.3	1	"	"	"	"	"	X
1634-04-4	Methyl tert-butyl ether	39.8		µg/kg dry	6.3	1	"	"	"	"	"	X
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	62.7	1	"	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/kg dry	12.5	1	"	"	"	"	"	X
91-20-3	Naphthalene	7.5		µg/kg dry	6.3	1	"	"	"	"	"	X
103-65-1	n-Propylbenzene	BRL		µg/kg dry	6.3	1	"	"	"	"	"	X
100-42-5	Styrene	BRL		µg/kg dry	6.3	1	"	"	"	"	"	X
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	6.3	1	"	"	"	"	"	X
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	6.3	1	"	"	"	"	"	X
127-18-4	Tetrachloroethene	BRL		µg/kg dry	6.3	1	"	"	"	"	"	X
108-88-3	Toluene	BRL		µg/kg dry	6.3	1	"	"	"	"	"	X
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	6.3	1	"	"	"	"	"	
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	6.3	1	"	"	"	"	"	X
108-70-3	1,3,5-Trichlorobenzene	BRL		µg/kg dry	6.3	1	"	"	"	"	"	
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	6.3	1	"	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	6.3	1	"	"	"	"	"	X
79-01-6	Trichloroethene	BRL		µg/kg dry	6.3	1	"	"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	6.3	1	"	"	"	"	"	X
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	6.3	1	"	"	"	"	"	X
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	6.3	1	"	"	"	"	"	X
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	6.3	1	"	"	"	"	"	X
75-01-4	Vinyl chloride	BRL		µg/kg dry	6.3	1	"	"	"	"	"	X
179601-23-1	m,p-Xylene	BRL		µg/kg dry	12.5	1	"	"	"	"	"	X
95-47-6	o-Xylene	BRL		µg/kg dry	6.3	1	"	"	"	"	"	X
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	12.5	1	"	"	"	"	"	
60-29-7	Ethyl ether	BRL		µg/kg dry	6.3	1	"	"	"	"	"	
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	6.3	1	"	"	"	"	"	
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	6.3	1	"	"	"	"	"	
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	6.3	1	"	"	"	"	"	
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	62.7	1	"	"	"	"	"	X
123-91-1	1,4-Dioxane	BRL		µg/kg dry	125	1	"	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	31.3	1	"	"	"	"	"	
64-17-5	Ethanol	BRL		µg/kg dry	2510	1	"	"	"	"	"	
Surrogate recoveries:												
460-00-4	*4-Bromofluorobenzene*	*103*			*70-130 %*		"	"	"	"	"	
2037-26-5	*Toluene-d8*	*101*			*70-130 %*		"	"	"	"	"	
17060-07-0	*1,2-Dichloroethane-d4*	*137*	SGC		*70-130 %*		"	"	"	"	"	
1868-53-7	*Dibromofluoromethane*	*116*			*70-130 %*		"	"	"	"	"	
Semivolatile Organic Compounds by GCMS												
PAHs by SW846 8270C												
Prepared by method SW846 3545A												
83-32-9	Acenaphthene	BRL		µg/kg dry	152	1	SW846 8270C/D	09-Jul-10	14-Jul-10	MM	1014478	X
208-96-8	Acenaphthylene	BRL		µg/kg dry	152	1	"	"	"	"	"	X

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Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
SSB-7 4'-8'	171-305	Soil	01-Jul-10 11:29	02-Jul-10
SB14714-15				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GCMS												
PAHs by SW846 8270C												
Prepared by method SW846 3545A												
120-12-7	Anthracene	BRL		µg/kg dry	152	1	SW846 8270C/D	09-Jul-10	14-Jul-10	MM	1014478	X
56-55-3	Benzo (a) anthracene	316		µg/kg dry	152	1	"	"	"	"	"	X
50-32-8	Benzo (a) pyrene	322		µg/kg dry	152	1	"	"	"	"	"	X
205-99-2	Benzo (b) fluoranthene	305		µg/kg dry	152	1	"	"	"	"	"	X
191-24-2	Benzo (g,h,i) perylene	166		µg/kg dry	152	1	"	"	"	"	"	X
207-08-9	Benzo (k) fluoranthene	332		µg/kg dry	152	1	"	"	"	"	"	X
218-01-9	Chrysene	358		µg/kg dry	152	1	"	"	"	"	"	X
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	152	1	"	"	"	"	"	X
206-44-0	Fluoranthene	573		µg/kg dry	152	1	"	"	"	"	"	X
86-73-7	Fluorene	BRL		µg/kg dry	152	1	"	"	"	"	"	X
193-39-5	Indeno (1,2,3-cd) pyrene	155		µg/kg dry	152	1	"	"	"	"	"	X
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	152	1	"	"	"	"	"	
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	152	1	"	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	152	1	"	"	"	"	"	X
85-01-8	Phenanthrene	527		µg/kg dry	152	1	"	"	"	"	"	X
129-00-0	Pyrene	588		µg/kg dry	152	1	"	"	"	"	"	X
Surrogate recoveries:												
321-60-8	*2-Fluorobiphenyl*	*87*			*30-130 %*		"	"	"	"	"	
1718-51-0	*Terphenyl-d14*	*88*			*30-130 %*		"	"	"	"	"	
Semivolatile Organic Compounds by GC												
Polychlorinated Biphenyls by SW846 8082												
Prepared by method SW846 3545A												
12674-11-2	Aroclor-1016	BRL		µg/kg dry	22.7	1	SW846 8082	09-Jul-10	10-Jul-10	SM	1014483	X
11104-28-2	Aroclor-1221	BRL		µg/kg dry	22.7	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	BRL		µg/kg dry	22.7	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	BRL		µg/kg dry	22.7	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	BRL		µg/kg dry	22.7	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	BRL		µg/kg dry	22.7	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	BRL		µg/kg dry	22.7	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	BRL		µg/kg dry	22.7	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	BRL		µg/kg dry	22.7	1	"	"	"	"	"	X
Surrogate recoveries:												
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*64*			*30-150 %*		"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*76*			*30-150 %*		"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*74*			*30-150 %*		"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*113*			*30-150 %*		"	"	"	"	"	
Extractable Petroleum Hydrocarbons												
Extractable Total Petroleum Hydrocarbons												
Prepared by method SW846 3545A												
8006-61-9	Gasoline	BRL		mg/kg dry	30.4	1	+CT ETPH	09-Jul-10	10-Jul-10	SHM	1014476	
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	30.4	1	"	"	"	"	"	
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	30.4	1	"	"	"	"	"	
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	30.4	1	"	"	"	"	"	
M09800000	Motor Oil	BRL		mg/kg dry	30.4	1	"	"	"	"	"	

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Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
SSB-7 4'-8' SB14714-15	171-305	Soil	01-Jul-10 11:29	02-Jul-10

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Extractable Petroleum Hydrocarbons												
Extractable Total Petroleum Hydrocarbons Prepared by method SW846 3545A												
J00100000	Aviation Fuel	BRL		mg/kg dry	30.4	1	+CT ETPH	09-Jul-10	10-Jul-10	SHM	1014476	
	Unidentified	171		mg/kg dry	30.4	1	"	"	"	"	"	
	Other Oil	Calculated as		mg/kg dry	30.4	1	"	"	"	"	"	
	Total Petroleum Hydrocarbons	171		mg/kg dry	30.4	1	"	"	"	"	"	
	C9-C36 Aliphatic Hydrocarbons	171		mg/kg dry	30.4	1	"	"	"	"	"	
Surrogate recoveries:												
3386-33-2	*1-Chlorooctadecane*	*86*			*50-150 %*		"	"	"	"	"	
Total Metals by EPA 6000/7000 Series Methods												
7440-38-2	Arsenic	3.03		mg/kg dry	1.69	1	SW846 6010B	09-Jul-10	11-Jul-10	TBG	1014403	X
7440-43-9	Cadmium	0.931		mg/kg dry	0.564	1	"	"	"	"	"	X
7440-47-3	Chromium	23.1		mg/kg dry	1.13	1	"	"	"	"	"	X
7439-97-6	Mercury	0.141		mg/kg dry	0.0308	1	SW846 7471A	"	10-Jul-10	HB	1014404	X
7439-92-1	Lead	83.3		mg/kg dry	1.69	1	SW846 6010B	"	12-Jul-10	LR	1014403	X
SPLP Metals by EPA 1312 & 6000/7000 Series Methods												
	SPLP Extraction	Completed		N/A		1	SW846 1312	15-Jul-10	16-Jul-10	DT	1015023	
7440-47-3	Chromium	BRL		mg/l	0.0100	1	SW846 1312/6010B	19-Jul-10	20-Jul-10	JB	1015080	
7439-92-1	Lead	0.0200		mg/l	0.0150	1	"	"	"	"	"	
General Chemistry Parameters												
	% Solids	86.5		%		1	SM2540 G Mod.	07-Jul-10	07-Jul-10	BD	1014320	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
SSB-8 2'-4'	171-305	Soil	01-Jul-10 12:37	02-Jul-10
SB14714-16				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Volatile Organic Compounds												
	VOC Extraction	Field extracted		N/A		1	OC Soil Extraction	06-Jul-10	06-Jul-10	BD	1014243	
Volatile Organic Compounds Prepared by method SW846 5035A Soil (low level)					Initial weight: 5.33 g							
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg dry	5.7	1	SW846 8260B/C	07-Jul-10	07-Jul-10	JRO	1014299	X
67-64-1	Acetone	BRL		µg/kg dry	57.4	1	"	"	"	"	"	X
107-13-1	Acrylonitrile	BRL		µg/kg dry	5.7	1	"	"	"	"	"	X
71-43-2	Benzene	BRL		µg/kg dry	5.7	1	"	"	"	"	"	X
108-86-1	Bromobenzene	BRL		µg/kg dry	5.7	1	"	"	"	"	"	X
74-97-5	Bromochloromethane	BRL		µg/kg dry	5.7	1	"	"	"	"	"	X
75-27-4	Bromodichloromethane	BRL		µg/kg dry	5.7	1	"	"	"	"	"	X
75-25-2	Bromoform	BRL		µg/kg dry	5.7	1	"	"	"	"	"	X
74-83-9	Bromomethane	BRL		µg/kg dry	11.5	1	"	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	57.4	1	"	"	"	"	"	X
104-51-8	n-Butylbenzene	BRL		µg/kg dry	5.7	1	"	"	"	"	"	X
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	5.7	1	"	"	"	"	"	X
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	5.7	1	"	"	"	"	"	X
75-15-0	Carbon disulfide	BRL		µg/kg dry	11.5	1	"	"	"	"	"	X
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	5.7	1	"	"	"	"	"	X
108-90-7	Chlorobenzene	BRL		µg/kg dry	5.7	1	"	"	"	"	"	X
75-00-3	Chloroethane	BRL		µg/kg dry	11.5	1	"	"	"	"	"	X
67-66-3	Chloroform	BRL		µg/kg dry	5.7	1	"	"	"	"	"	X
74-87-3	Chloromethane	BRL		µg/kg dry	11.5	1	"	"	"	"	"	X
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	5.7	1	"	"	"	"	"	X
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	5.7	1	"	"	"	"	"	X
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	11.5	1	"	"	"	"	"	X
124-48-1	Dibromochloromethane	BRL		µg/kg dry	5.7	1	"	"	"	"	"	X
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	5.7	1	"	"	"	"	"	X
74-95-3	Dibromomethane	BRL		µg/kg dry	5.7	1	"	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	5.7	1	"	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	5.7	1	"	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	5.7	1	"	"	"	"	"	X
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	11.5	1	"	"	"	"	"	X
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	5.7	1	"	"	"	"	"	X
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	5.7	1	"	"	"	"	"	X
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	5.7	1	"	"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	5.7	1	"	"	"	"	"	X
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	5.7	1	"	"	"	"	"	X
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	5.7	1	"	"	"	"	"	X
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	5.7	1	"	"	"	"	"	X
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	5.7	1	"	"	"	"	"	X
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	5.7	1	"	"	"	"	"	X
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	5.7	1	"	"	"	"	"	X
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	5.7	1	"	"	"	"	"	X
100-41-4	Ethylbenzene	BRL		µg/kg dry	5.7	1	"	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	5.7	1	"	"	"	"	"	X
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	57.4	1	"	"	"	"	"	X

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
SSB-8 2'-4' SB14714-16	171-305	Soil	01-Jul-10 12:37	02-Jul-10

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Volatile Organic Compounds												
Volatile Organic Compounds												
Prepared by method SW846 5035A Soil (low level)					Initial weight: 5.33 g							
98-82-8	Isopropylbenzene	BRL		µg/kg dry	5.7	1	SW846 8260B/C	07-Jul-10	07-Jul-10	JRO	1014299	X
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	5.7	1	"	"	"	"	"	X
1634-04-4	Methyl tert-butyl ether	BRL		µg/kg dry	5.7	1	"	"	"	"	"	X
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	57.4	1	"	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/kg dry	11.5	1	"	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	5.7	1	"	"	"	"	"	X
103-65-1	n-Propylbenzene	BRL		µg/kg dry	5.7	1	"	"	"	"	"	X
100-42-5	Styrene	BRL		µg/kg dry	5.7	1	"	"	"	"	"	X
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	5.7	1	"	"	"	"	"	X
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	5.7	1	"	"	"	"	"	X
127-18-4	Tetrachloroethene	BRL		µg/kg dry	5.7	1	"	"	"	"	"	X
108-88-3	Toluene	BRL		µg/kg dry	5.7	1	"	"	"	"	"	X
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	5.7	1	"	"	"	"	"	
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	5.7	1	"	"	"	"	"	X
108-70-3	1,3,5-Trichlorobenzene	BRL		µg/kg dry	5.7	1	"	"	"	"	"	
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	5.7	1	"	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	5.7	1	"	"	"	"	"	X
79-01-6	Trichloroethene	BRL		µg/kg dry	5.7	1	"	"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	5.7	1	"	"	"	"	"	X
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	5.7	1	"	"	"	"	"	X
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	5.7	1	"	"	"	"	"	X
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	5.7	1	"	"	"	"	"	X
75-01-4	Vinyl chloride	BRL		µg/kg dry	5.7	1	"	"	"	"	"	X
179601-23-1	m,p-Xylene	BRL		µg/kg dry	11.5	1	"	"	"	"	"	X
95-47-6	o-Xylene	BRL		µg/kg dry	5.7	1	"	"	"	"	"	X
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	11.5	1	"	"	"	"	"	
60-29-7	Ethyl ether	BRL		µg/kg dry	5.7	1	"	"	"	"	"	
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	5.7	1	"	"	"	"	"	
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	5.7	1	"	"	"	"	"	
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	5.7	1	"	"	"	"	"	
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	57.4	1	"	"	"	"	"	X
123-91-1	1,4-Dioxane	BRL		µg/kg dry	115	1	"	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	28.7	1	"	"	"	"	"	
64-17-5	Ethanol	BRL		µg/kg dry	2300	1	"	"	"	"	"	
Surrogate recoveries:												
460-00-4	*4-Bromofluorobenzene*	*93*			*70-130 %*		"	"	"	"	"	
2037-26-5	*Toluene-d8*	*101*			*70-130 %*		"	"	"	"	"	
17060-07-0	*1,2-Dichloroethane-d4*	*128*			*70-130 %*		"	"	"	"	"	
1868-53-7	*Dibromofluoromethane*	*113*			*70-130 %*		"	"	"	"	"	
Semivolatile Organic Compounds by GCMS												
PAHs by SW846 8270C												
Prepared by method SW846 3545A												
83-32-9	Acenaphthene	BRL		µg/kg dry	143	1	SW846 8270C/D	09-Jul-10	14-Jul-10	MM	1014478	X
208-96-8	Acenaphthylene	BRL		µg/kg dry	143	1	"	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
SSB-8 2'-4'	171-305	Soil	01-Jul-10 12:37	02-Jul-10
SB14714-16				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GCMS												
PAHs by SW846 8270C												
Prepared by method SW846 3545A												
120-12-7	Anthracene	201		µg/kg dry	143	1	SW846 8270C/D	09-Jul-10	14-Jul-10	MM	1014478	X
56-55-3	Benzo (a) anthracene	820		µg/kg dry	143	1	"	"	"	"	"	X
50-32-8	Benzo (a) pyrene	787		µg/kg dry	143	1	"	"	"	"	"	X
205-99-2	Benzo (b) fluoranthene	805		µg/kg dry	143	1	"	"	"	"	"	X
191-24-2	Benzo (g,h,i) perylene	381		µg/kg dry	143	1	"	"	"	"	"	X
207-08-9	Benzo (k) fluoranthene	698		µg/kg dry	143	1	"	"	"	"	"	X
218-01-9	Chrysene	825		µg/kg dry	143	1	"	"	"	"	"	X
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	143	1	"	"	"	"	"	X
206-44-0	Fluoranthene	1,530		µg/kg dry	143	1	"	"	"	"	"	X
86-73-7	Fluorene	BRL		µg/kg dry	143	1	"	"	"	"	"	X
193-39-5	Indeno (1,2,3-cd) pyrene	391		µg/kg dry	143	1	"	"	"	"	"	X
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	143	1	"	"	"	"	"	
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	143	1	"	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	143	1	"	"	"	"	"	X
85-01-8	Phenanthrene	702		µg/kg dry	143	1	"	"	"	"	"	X
129-00-0	Pyrene	1,500		µg/kg dry	143	1	"	"	"	"	"	X
Surrogate recoveries:												
321-60-8	*2-Fluorobiphenyl*	*95*			*30-130 %*		"	"	"	"	"	
1718-51-0	*Terphenyl-d14*	*97*			*30-130 %*		"	"	"	"	"	
Semivolatile Organic Compounds by GC												
Polychlorinated Biphenyls by SW846 8082												
Prepared by method SW846 3545A												
12674-11-2	Aroclor-1016	BRL		µg/kg dry	21.0	1	SW846 8082	09-Jul-10	10-Jul-10	SM	1014483	X
11104-28-2	Aroclor-1221	BRL		µg/kg dry	21.0	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	BRL		µg/kg dry	21.0	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	BRL		µg/kg dry	21.0	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	BRL		µg/kg dry	21.0	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	BRL		µg/kg dry	21.0	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	BRL		µg/kg dry	21.0	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	BRL		µg/kg dry	21.0	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	BRL		µg/kg dry	21.0	1	"	"	"	"	"	X
Surrogate recoveries:												
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*116*			*30-150 %*		"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*86*			*30-150 %*		"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*102*			*30-150 %*		"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*121*			*30-150 %*		"	"	"	"	"	
Extractable Petroleum Hydrocarbons												
Extractable Total Petroleum Hydrocarbons												
Prepared by method SW846 3545A												
8006-61-9	Gasoline	BRL		mg/kg dry	28.6	1	+CT ETPH	09-Jul-10	10-Jul-10	SHM	1014476	
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	28.6	1	"	"	"	"	"	
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	28.6	1	"	"	"	"	"	
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	28.6	1	"	"	"	"	"	
M09800000	Motor Oil	BRL		mg/kg dry	28.6	1	"	"	"	"	"	

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
SSB-8 2'-4'	171-305	Soil	01-Jul-10 12:37	02-Jul-10
SB14714-16				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Extractable Petroleum Hydrocarbons												
Extractable Total Petroleum Hydrocarbons Prepared by method SW846 3545A												
J00100000	Aviation Fuel	BRL		mg/kg dry	28.6	1	+CT ETPH	09-Jul-10	10-Jul-10	SHM	1014476	
	Unidentified	145		mg/kg dry	28.6	1	"	"	"	"	"	
	Other Oil	Calculated as		mg/kg dry	28.6	1	"	"	"	"	"	
	Total Petroleum Hydrocarbons	145		mg/kg dry	28.6	1	"	"	"	"	"	
	C9-C36 Aliphatic Hydrocarbons	145		mg/kg dry	28.6	1	"	"	"	"	"	
Surrogate recoveries:												
3386-33-2	*1-Chlorooctadecane*	*89*			*50-150 %*		"	"	"	"	"	
Total Metals by EPA 6000/7000 Series Methods												
7440-38-2	Arsenic	BRL		mg/kg dry	1.56	1	SW846 6010B	09-Jul-10	11-Jul-10	TBG	1014403	X
7440-43-9	Cadmium	0.897		mg/kg dry	0.522	1	"	"	"	"	"	X
7440-47-3	Chromium	11.3		mg/kg dry	1.04	1	"	"	"	"	"	X
7439-97-6	Mercury	0.0875		mg/kg dry	0.0291	1	SW846 7471A	"	10-Jul-10	HB	1014404	X
7439-92-1	Lead	248		mg/kg dry	1.56	1	SW846 6010B	"	12-Jul-10	LR	1014403	X
SPLP Metals by EPA 1312 & 6000/7000 Series Methods												
	SPLP Extraction	Completed		N/A		1	SW846 1312	15-Jul-10	16-Jul-10	DT	1015023	
7440-47-3	Chromium	BRL		mg/l	0.0100	1	SW846 1312/6010B	19-Jul-10	19-Jul-10	TBG	1015080	
7439-92-1	Lead	0.245		mg/l	0.0150	1	"	"	"	"	"	
General Chemistry Parameters												
	% Solids	90.2		%		1	SM2540 G Mod.	07-Jul-10	07-Jul-10	BD	1014320	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
SSB-8 4'-8'	171-305	Soil	01-Jul-10 12:48	02-Jul-10
SB14714-17				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Volatile Organic Compounds												
	VOC Extraction	Field extracted		N/A		1	OC Soil Extraction	06-Jul-10	06-Jul-10	BD	1014243	
Volatile Organic Compounds Prepared by method SW846 5035A Soil (low level)					Initial weight: 3.14 g							
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg dry	9.9	1	SW846 8260B/C	07-Jul-10	07-Jul-10	JRO	1014299	X
67-64-1	Acetone	110		µg/kg dry	99.1	1	"	"	"	"	"	X
107-13-1	Acrylonitrile	BRL		µg/kg dry	9.9	1	"	"	"	"	"	X
71-43-2	Benzene	BRL		µg/kg dry	9.9	1	"	"	"	"	"	X
108-86-1	Bromobenzene	BRL		µg/kg dry	9.9	1	"	"	"	"	"	X
74-97-5	Bromochloromethane	BRL		µg/kg dry	9.9	1	"	"	"	"	"	X
75-27-4	Bromodichloromethane	BRL		µg/kg dry	9.9	1	"	"	"	"	"	X
75-25-2	Bromoform	BRL		µg/kg dry	9.9	1	"	"	"	"	"	X
74-83-9	Bromomethane	BRL		µg/kg dry	19.8	1	"	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/kg dry	99.1	1	"	"	"	"	"	X
104-51-8	n-Butylbenzene	BRL		µg/kg dry	9.9	1	"	"	"	"	"	X
135-98-8	sec-Butylbenzene	BRL		µg/kg dry	9.9	1	"	"	"	"	"	X
98-06-6	tert-Butylbenzene	BRL		µg/kg dry	9.9	1	"	"	"	"	"	X
75-15-0	Carbon disulfide	BRL		µg/kg dry	19.8	1	"	"	"	"	"	X
56-23-5	Carbon tetrachloride	BRL		µg/kg dry	9.9	1	"	"	"	"	"	X
108-90-7	Chlorobenzene	BRL		µg/kg dry	9.9	1	"	"	"	"	"	X
75-00-3	Chloroethane	BRL		µg/kg dry	19.8	1	"	"	"	"	"	X
67-66-3	Chloroform	BRL		µg/kg dry	9.9	1	"	"	"	"	"	X
74-87-3	Chloromethane	BRL		µg/kg dry	19.8	1	"	"	"	"	"	X
95-49-8	2-Chlorotoluene	BRL		µg/kg dry	9.9	1	"	"	"	"	"	X
106-43-4	4-Chlorotoluene	BRL		µg/kg dry	9.9	1	"	"	"	"	"	X
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/kg dry	19.8	1	"	"	"	"	"	X
124-48-1	Dibromochloromethane	BRL		µg/kg dry	9.9	1	"	"	"	"	"	X
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/kg dry	9.9	1	"	"	"	"	"	X
74-95-3	Dibromomethane	BRL		µg/kg dry	9.9	1	"	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/kg dry	9.9	1	"	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/kg dry	9.9	1	"	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/kg dry	9.9	1	"	"	"	"	"	X
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/kg dry	19.8	1	"	"	"	"	"	X
75-34-3	1,1-Dichloroethane	BRL		µg/kg dry	9.9	1	"	"	"	"	"	X
107-06-2	1,2-Dichloroethane	BRL		µg/kg dry	9.9	1	"	"	"	"	"	X
75-35-4	1,1-Dichloroethene	BRL		µg/kg dry	9.9	1	"	"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	BRL		µg/kg dry	9.9	1	"	"	"	"	"	X
156-60-5	trans-1,2-Dichloroethene	BRL		µg/kg dry	9.9	1	"	"	"	"	"	X
78-87-5	1,2-Dichloropropane	BRL		µg/kg dry	9.9	1	"	"	"	"	"	X
142-28-9	1,3-Dichloropropane	BRL		µg/kg dry	9.9	1	"	"	"	"	"	X
594-20-7	2,2-Dichloropropane	BRL		µg/kg dry	9.9	1	"	"	"	"	"	X
563-58-6	1,1-Dichloropropene	BRL		µg/kg dry	9.9	1	"	"	"	"	"	X
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/kg dry	9.9	1	"	"	"	"	"	X
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/kg dry	9.9	1	"	"	"	"	"	X
100-41-4	Ethylbenzene	BRL		µg/kg dry	9.9	1	"	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/kg dry	9.9	1	"	"	"	"	"	X
591-78-6	2-Hexanone (MBK)	BRL		µg/kg dry	99.1	1	"	"	"	"	"	X

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
SSB-8 4'-8'	171-305	Soil	01-Jul-10 12:48	02-Jul-10
SB14714-17				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Volatile Organic Compounds												
Volatile Organic Compounds												
Prepared by method SW846 5035A Soil (low level)					Initial weight: 3.14 g							
98-82-8	Isopropylbenzene	BRL		µg/kg dry	9.9	1	SW846 8260B/C	07-Jul-10	07-Jul-10	JRO	1014299	X
99-87-6	4-Isopropyltoluene	BRL		µg/kg dry	9.9	1	"	"	"	"	"	X
1634-04-4	Methyl tert-butyl ether	48.4		µg/kg dry	9.9	1	"	"	"	"	"	X
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/kg dry	99.1	1	"	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/kg dry	19.8	1	"	"	"	"	"	X
91-20-3	Naphthalene	10.3		µg/kg dry	9.9	1	"	"	"	"	"	X
103-65-1	n-Propylbenzene	BRL		µg/kg dry	9.9	1	"	"	"	"	"	X
100-42-5	Styrene	BRL		µg/kg dry	9.9	1	"	"	"	"	"	X
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/kg dry	9.9	1	"	"	"	"	"	X
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/kg dry	9.9	1	"	"	"	"	"	X
127-18-4	Tetrachloroethene	BRL		µg/kg dry	9.9	1	"	"	"	"	"	X
108-88-3	Toluene	BRL		µg/kg dry	9.9	1	"	"	"	"	"	X
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/kg dry	9.9	1	"	"	"	"	"	
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/kg dry	9.9	1	"	"	"	"	"	X
108-70-3	1,3,5-Trichlorobenzene	BRL		µg/kg dry	9.9	1	"	"	"	"	"	
71-55-6	1,1,1-Trichloroethane	BRL		µg/kg dry	9.9	1	"	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	BRL		µg/kg dry	9.9	1	"	"	"	"	"	X
79-01-6	Trichloroethene	BRL		µg/kg dry	9.9	1	"	"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/kg dry	9.9	1	"	"	"	"	"	X
96-18-4	1,2,3-Trichloropropane	BRL		µg/kg dry	9.9	1	"	"	"	"	"	X
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/kg dry	9.9	1	"	"	"	"	"	X
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/kg dry	9.9	1	"	"	"	"	"	X
75-01-4	Vinyl chloride	BRL		µg/kg dry	9.9	1	"	"	"	"	"	X
179601-23-1	m,p-Xylene	BRL		µg/kg dry	19.8	1	"	"	"	"	"	X
95-47-6	o-Xylene	BRL		µg/kg dry	9.9	1	"	"	"	"	"	X
109-99-9	Tetrahydrofuran	BRL		µg/kg dry	19.8	1	"	"	"	"	"	
60-29-7	Ethyl ether	BRL		µg/kg dry	9.9	1	"	"	"	"	"	
994-05-8	Tert-amyl methyl ether	BRL		µg/kg dry	9.9	1	"	"	"	"	"	
637-92-3	Ethyl tert-butyl ether	BRL		µg/kg dry	9.9	1	"	"	"	"	"	
108-20-3	Di-isopropyl ether	BRL		µg/kg dry	9.9	1	"	"	"	"	"	
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/kg dry	99.1	1	"	"	"	"	"	X
123-91-1	1,4-Dioxane	BRL		µg/kg dry	198	1	"	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/kg dry	49.5	1	"	"	"	"	"	
64-17-5	Ethanol	BRL		µg/kg dry	3960	1	"	"	"	"	"	
Surrogate recoveries:												
460-00-4	*4-Bromofluorobenzene*	*102*			*70-130 %*		"	"	"	"	"	
2037-26-5	*Toluene-d8*	*103*			*70-130 %*		"	"	"	"	"	
17060-07-0	*1,2-Dichloroethane-d4*	*134*	SGC		*70-130 %*		"	"	"	"	"	
1868-53-7	*Dibromofluoromethane*	*114*			*70-130 %*		"	"	"	"	"	
Semivolatile Organic Compounds by GCMS												
PAHs by SW846 8270C												
Prepared by method SW846 3545A												
83-32-9	Acenaphthene	BRL		µg/kg dry	149	1	SW846 8270C/D	09-Jul-10	14-Jul-10	MM	1014478	X
208-96-8	Acenaphthylene	BRL		µg/kg dry	149	1	"	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
SSB-8 4'-8' SB14714-17	171-305	Soil	01-Jul-10 12:48	02-Jul-10

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GCMS												
PAHs by SW846 8270C Prepared by method SW846 3545A												
120-12-7	Anthracene	207		µg/kg dry	149	1	SW846 8270C/D	09-Jul-10	14-Jul-10	MM	1014478	X
56-55-3	Benzo (a) anthracene	442		µg/kg dry	149	1	"	"	"	"	"	X
50-32-8	Benzo (a) pyrene	355		µg/kg dry	149	1	"	"	"	"	"	X
205-99-2	Benzo (b) fluoranthene	274		µg/kg dry	149	1	"	"	"	"	"	X
191-24-2	Benzo (g,h,i) perylene	BRL		µg/kg dry	149	1	"	"	"	"	"	X
207-08-9	Benzo (k) fluoranthene	333		µg/kg dry	149	1	"	"	"	"	"	X
218-01-9	Chrysene	469		µg/kg dry	149	1	"	"	"	"	"	X
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/kg dry	149	1	"	"	"	"	"	X
206-44-0	Fluoranthene	854		µg/kg dry	149	1	"	"	"	"	"	X
86-73-7	Fluorene	189		µg/kg dry	149	1	"	"	"	"	"	X
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	149	1	"	"	"	"	"	X
90-12-0	1-Methylnaphthalene	BRL		µg/kg dry	149	1	"	"	"	"	"	
91-57-6	2-Methylnaphthalene	BRL		µg/kg dry	149	1	"	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/kg dry	149	1	"	"	"	"	"	X
85-01-8	Phenanthrene	900		µg/kg dry	149	1	"	"	"	"	"	X
129-00-0	Pyrene	1,030		µg/kg dry	149	1	"	"	"	"	"	X
Surrogate recoveries:												
321-60-8	*2-Fluorobiphenyl*	*84*			*30-130 %*		"	"	"	"	"	
1718-51-0	*Terphenyl-d14*	*89*			*30-130 %*		"	"	"	"	"	
Semivolatile Organic Compounds by GC												
Polychlorinated Biphenyls by SW846 8082 Prepared by method SW846 3545A												
12674-11-2	Aroclor-1016	BRL		µg/kg dry	21.9	1	SW846 8082	09-Jul-10	10-Jul-10	SM	1014483	X
11104-28-2	Aroclor-1221	BRL		µg/kg dry	21.9	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	BRL		µg/kg dry	21.9	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	BRL		µg/kg dry	21.9	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	BRL		µg/kg dry	21.9	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	BRL		µg/kg dry	21.9	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	BRL		µg/kg dry	21.9	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	BRL		µg/kg dry	21.9	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	BRL		µg/kg dry	21.9	1	"	"	"	"	"	X
Surrogate recoveries:												
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*109*			*30-150 %*		"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*85*			*30-150 %*		"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*98*			*30-150 %*		"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*119*			*30-150 %*		"	"	"	"	"	
Extractable Petroleum Hydrocarbons												
Extractable Total Petroleum Hydrocarbons Prepared by method SW846 3545A												
8006-61-9	Gasoline	BRL		mg/kg dry	29.9	1	+CT ETPH	09-Jul-10	10-Jul-10	SHM	1014476	
68476-30-2	Fuel Oil #2	BRL		mg/kg dry	29.9	1	"	"	"	"	"	
68476-31-3	Fuel Oil #4	BRL		mg/kg dry	29.9	1	"	"	"	"	"	
68553-00-4	Fuel Oil #6	BRL		mg/kg dry	29.9	1	"	"	"	"	"	
M09800000	Motor Oil	BRL		mg/kg dry	29.9	1	"	"	"	"	"	

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
SSB-8 4'-8' SB14714-17	171-305	Soil	01-Jul-10 12:48	02-Jul-10

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Extractable Petroleum Hydrocarbons												
Extractable Total Petroleum Hydrocarbons Prepared by method SW846 3545A												
J00100000	Aviation Fuel	BRL		mg/kg dry	29.9	1	+CT ETPH	09-Jul-10	10-Jul-10	SHM	1014476	
	Unidentified	86.6		mg/kg dry	29.9	1	"	"	"	"	"	
	Other Oil	Calculated as		mg/kg dry	29.9	1	"	"	"	"	"	
	Total Petroleum Hydrocarbons	86.6		mg/kg dry	29.9	1	"	"	"	"	"	
	C9-C36 Aliphatic Hydrocarbons	86.6		mg/kg dry	29.9	1	"	"	"	"	"	
Surrogate recoveries:												
3386-33-2	*1-Chlorooctadecane*	*83*			*50-150 %*		"	"	"	"	"	
Total Metals by EPA 6000/7000 Series Methods												
7440-38-2	Arsenic	BRL		mg/kg dry	1.63	1	SW846 6010B	09-Jul-10	11-Jul-10	TBG	1014403	X
7440-43-9	Cadmium	0.809		mg/kg dry	0.543	1	"	"	"	"	"	X
7440-47-3	Chromium	22.9		mg/kg dry	1.09	1	"	"	"	"	"	X
7439-97-6	Mercury	0.110		mg/kg dry	0.0343	1	SW846 7471A	"	10-Jul-10	HB	1014404	X
7439-92-1	Lead	35.2		mg/kg dry	1.63	1	SW846 6010B	"	12-Jul-10	LR	1014403	X
SPLP Metals by EPA 1312 & 6000/7000 Series Methods												
	SPLP Extraction	Completed		N/A		1	SW846 1312	15-Jul-10	16-Jul-10	DT	1015023	
7440-47-3	Chromium	0.0166		mg/l	0.0100	1	SW846 1312/6010B	19-Jul-10	19-Jul-10	TBG	1015080	
7439-92-1	Lead	0.0317		mg/l	0.0150	1	"	"	"	"	"	
General Chemistry Parameters												
	% Solids	87.0		%		1	SM2540 G Mod.	07-Jul-10	07-Jul-10	BD	1014320	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
SSB-4 GW SB14714-18	171-305	Ground Water	01-Jul-10 08:00	02-Jul-10

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Volatile Organic Compounds												
Volatile Organic Compounds Prepared by method SW846 5030 Water MS												
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/l	1.0	1	SW846 8260B/C	07-Jul-10	07-Jul-10	JLG	1014307	X
67-64-1	Acetone	BRL		µg/l	10.0	1	"	"	"	"	"	X
107-13-1	Acrylonitrile	BRL		µg/l	0.5	1	"	"	"	"	"	X
71-43-2	Benzene	BRL		µg/l	1.0	1	"	"	"	"	"	X
108-86-1	Bromobenzene	BRL		µg/l	1.0	1	"	"	"	"	"	
74-97-5	Bromochloromethane	BRL		µg/l	1.0	1	"	"	"	"	"	X
75-27-4	Bromodichloromethane	BRL		µg/l	0.5	1	"	"	"	"	"	X
75-25-2	Bromoform	BRL		µg/l	1.0	1	"	"	"	"	"	X
74-83-9	Bromomethane	BRL		µg/l	2.0	1	"	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/l	10.0	1	"	"	"	"	"	X
104-51-8	n-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"	X
135-98-8	sec-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"	X
98-06-6	tert-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"	X
75-15-0	Carbon disulfide	BRL		µg/l	2.0	1	"	"	"	"	"	X
56-23-5	Carbon tetrachloride	BRL		µg/l	1.0	1	"	"	"	"	"	X
108-90-7	Chlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"	X
75-00-3	Chloroethane	BRL		µg/l	2.0	1	"	"	"	"	"	X
67-66-3	Chloroform	BRL		µg/l	1.0	1	"	"	"	"	"	X
74-87-3	Chloromethane	BRL		µg/l	2.0	1	"	"	"	"	"	X
95-49-8	2-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	"	
106-43-4	4-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	"	
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/l	2.0	1	"	"	"	"	"	X
124-48-1	Dibromochloromethane	BRL		µg/l	0.5	1	"	"	"	"	"	X
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/l	0.5	1	"	"	"	"	"	X
74-95-3	Dibromomethane	BRL		µg/l	1.0	1	"	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"	X
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/l	2.0	1	"	"	"	"	"	X
75-34-3	1,1-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"	X
107-06-2	1,2-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"	X
75-35-4	1,1-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"	X
156-60-5	trans-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"	X
78-87-5	1,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"	X
142-28-9	1,3-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"	X
594-20-7	2,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"	X
563-58-6	1,1-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	"	X
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/l	0.5	1	"	"	"	"	"	X
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/l	0.5	1	"	"	"	"	"	X
100-41-4	Ethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/l	0.5	1	"	"	"	"	"	X
591-78-6	2-Hexanone (MBK)	BRL		µg/l	10.0	1	"	"	"	"	"	X
98-82-8	Isopropylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"	X

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
SSB-4 GW SB14714-18	171-305	Ground Water	01-Jul-10 08:00	02-Jul-10

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Volatile Organic Compounds												
Volatile Organic Compounds Prepared by method SW846 5030 Water MS												
99-87-6	4-Isopropyltoluene	BRL		µg/l	1.0	1	SW846 8260B/C	07-Jul-10	07-Jul-10	JLG	1014307	X
1634-04-4	Methyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	"	X
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/l	10.0	1	"	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/l	2.0	1	"	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/l	1.0	1	"	"	"	"	"	X
103-65-1	n-Propylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"	X
100-42-5	Styrene	BRL		µg/l	1.0	1	"	"	"	"	"	X
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/l	1.0	1	"	"	"	"	"	X
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/l	0.5	1	"	"	"	"	"	X
127-18-4	Tetrachloroethene	BRL		µg/l	1.0	1	"	"	"	"	"	X
108-88-3	Toluene	BRL		µg/l	1.0	1	"	"	"	"	"	X
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"	X
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"	X
108-70-3	1,3,5-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"	
71-55-6	1,1,1-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"	X
79-01-6	Trichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/l	1.0	1	"	"	"	"	"	X
96-18-4	1,2,3-Trichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"	X
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"	X
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"	X
75-01-4	Vinyl chloride	BRL		µg/l	1.0	1	"	"	"	"	"	X
179601-23-1	m,p-Xylene	BRL		µg/l	2.0	1	"	"	"	"	"	X
95-47-6	o-Xylene	BRL		µg/l	1.0	1	"	"	"	"	"	X
109-99-9	Tetrahydrofuran	BRL		µg/l	2.0	1	"	"	"	"	"	
60-29-7	Ethyl ether	BRL		µg/l	1.0	1	"	"	"	"	"	
994-05-8	Tert-amyl methyl ether	BRL		µg/l	1.0	1	"	"	"	"	"	X
637-92-3	Ethyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	"	X
108-20-3	Di-isopropyl ether	BRL		µg/l	1.0	1	"	"	"	"	"	X
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/l	10.0	1	"	"	"	"	"	X
123-91-1	1,4-Dioxane	BRL		µg/l	20.0	1	"	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/l	5.0	1	"	"	"	"	"	X
64-17-5	Ethanol	BRL		µg/l	400	1	"	"	"	"	"	X
Surrogate recoveries:												
460-00-4	*4-Bromofluorobenzene*	*96*			*70-130 %*		"	"	"	"	"	
2037-26-5	*Toluene-d8*	*99*			*70-130 %*		"	"	"	"	"	
17060-07-0	*1,2-Dichloroethane-d4*	*105*			*70-130 %*		"	"	"	"	"	
1868-53-7	*Dibromofluoromethane*	*103*			*70-130 %*		"	"	"	"	"	
Semivolatile Organic Compounds by GCMS												
SVOCs by SW846 8270C SIM Prepared by method SW846 3510C												
83-32-9	Acenaphthene	BRL		µg/l	0.050	1	SW846 8270C/D	07-Jul-10	12-Jul-10	SM	1014294	X
208-96-8	Acenaphthylene	BRL		µg/l	0.050	1	"	"	"	"	"	X
90-12-0	1-Methylnaphthalene	BRL		µg/l	0.050	1	"	"	"	"	"	

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
SSB-4 GW SB14714-18	171-305	Ground Water	01-Jul-10 08:00	02-Jul-10

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GCMS												
SVOCs by SW846 8270C SIM Prepared by method SW846 3510C												
120-12-7	Anthracene	BRL		µg/l	0.050	1	SW846 8270C/D	07-Jul-10	12-Jul-10	SM	1014294	X
56-55-3	Benzo (a) anthracene	BRL		µg/l	0.050	1	"	"	"	"	"	X
50-32-8	Benzo (a) pyrene	BRL		µg/l	0.050	1	"	"	"	"	"	X
205-99-2	Benzo (b) fluoranthene	BRL		µg/l	0.050	1	"	"	"	"	"	X
191-24-2	Benzo (g,h,i) perylene	BRL		µg/l	0.050	1	"	"	"	"	"	X
207-08-9	Benzo (k) fluoranthene	BRL		µg/l	0.050	1	"	"	"	"	"	X
218-01-9	Chrysene	BRL		µg/l	0.050	1	"	"	"	"	"	X
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/l	0.050	1	"	"	"	"	"	X
206-44-0	Fluoranthene	BRL		µg/l	0.050	1	"	"	"	"	"	X
86-73-7	Fluorene	BRL		µg/l	0.050	1	"	"	"	"	"	X
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/l	0.050	1	"	"	"	"	"	X
91-57-6	2-Methylnaphthalene	BRL		µg/l	0.050	1	"	"	"	"	"	
91-20-3	Naphthalene	BRL		µg/l	0.050	1	"	"	"	"	"	X
85-01-8	Phenanthrene	BRL		µg/l	0.050	1	"	"	"	"	"	X
129-00-0	Pyrene	BRL		µg/l	0.050	1	"	"	"	"	"	X
Surrogate recoveries:												
321-60-8	*2-Fluorobiphenyl*	*48*			*30-130 %*		"	"	"	"	"	
1718-51-0	*Terphenyl-dl4*	*44*			*30-130 %*		"	"	"	"	"	
Semivolatile Organic Compounds by GC												
Polychlorinated Biphenyls by SW846 8082 Prepared by method SW846 3510C												
12674-11-2	Aroclor-1016	BRL		µg/l	0.202	1	SW846 8082	07-Jul-10	10-Jul-10	IMR	1014336	X
11104-28-2	Aroclor-1221	BRL		µg/l	0.202	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	BRL		µg/l	0.202	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	BRL		µg/l	0.202	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	BRL		µg/l	0.202	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	BRL		µg/l	0.202	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	BRL		µg/l	0.202	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	BRL		µg/l	0.202	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	BRL		µg/l	0.202	1	"	"	"	"	"	X
Surrogate recoveries:												
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*54*			*30-150 %*		"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*50*			*30-150 %*		"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*51*			*30-150 %*		"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*52*			*30-150 %*		"	"	"	"	"	
Extractable Petroleum Hydrocarbons												
Extractable Total Petroleum Hydrocarbons Prepared by method SW846 3510C												
8006-61-9	Gasoline	BRL		mg/l	0.1	1	+CT ETPH	07-Jul-10	09-Jul-10	SHM	1014295	
68476-30-2	Fuel Oil #2	BRL		mg/l	0.1	1	"	"	"	"	"	
68476-31-3	Fuel Oil #4	BRL		mg/l	0.1	1	"	"	"	"	"	
68553-00-4	Fuel Oil #6	BRL		mg/l	0.1	1	"	"	"	"	"	
M09800000	Motor Oil	BRL		mg/l	0.1	1	"	"	"	"	"	
J00100000	Aviation Fuel	BRL		mg/l	0.1	1	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
SSB-4 GW SB14714-18	171-305	Ground Water	01-Jul-10 08:00	02-Jul-10

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Extractable Petroleum Hydrocarbons												
Extractable Total Petroleum Hydrocarbons Prepared by method SW846 3510C												
	Unidentified	BRL		mg/l	0.1	1	+CT ETPH	07-Jul-10	09-Jul-10	SHM	1014295	
	Other Oil	BRL		mg/l	0.1	1	"	"	"	"	"	
	Total Petroleum Hydrocarbons	BRL		mg/l	0.1	1	"	"	"	"	"	
	C9-C36 Aliphatic Hydrocarbons	BRL		mg/l	0.1	1	"	"	"	"	"	
Surrogate recoveries:												
3386-33-2	*1-Chlorooctadecane*	*66*			*50-150 %*		"	"	"	"	"	
Total Metals by EPA 6000/7000 Series Methods												
7440-38-2	Arsenic	BRL		mg/l	0.0040	1	SW846 6010B	08-Jul-10	09-Jul-10	JB	1014443	X
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	"	X
7440-47-3	Chromium	BRL		mg/l	0.0050	1	"	"	"	"	"	X
7439-92-1	Lead	BRL		mg/l	0.0075	1	"	"	"	"	"	X
Total Metals by EPA 200 Series Methods												
7439-97-6	Mercury	BRL		mg/l	0.00030	1	EPA 245.1/7470A	08-Jul-10	09-Jul-10	HB	1014444	X
Soluble Metals by EPA 200/6000 Series Methods												
	Filtration	Field Filtered		N/A		1	EPA 200.7/3005A/6010			ARF	1014212	

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Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
SSB-4 GW Dup	171-305	Ground Water	01-Jul-10 08:00	02-Jul-10
SB14714-19				

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Analyst*	*Batch*	*Cert.*
Volatile Organic Compounds												
Volatile Organic Compounds Prepared by method SW846 5030 Water MS												
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/l	1.0	1	SW846 8260B/C	07-Jul-10	07-Jul-10	JLG	1014307	X
67-64-1	Acetone	BRL		µg/l	10.0	1	"	"	"	"	"	X
107-13-1	Acrylonitrile	BRL		µg/l	0.5	1	"	"	"	"	"	X
71-43-2	Benzene	BRL		µg/l	1.0	1	"	"	"	"	"	X
108-86-1	Bromobenzene	BRL		µg/l	1.0	1	"	"	"	"	"	
74-97-5	Bromochloromethane	BRL		µg/l	1.0	1	"	"	"	"	"	X
75-27-4	Bromodichloromethane	BRL		µg/l	0.5	1	"	"	"	"	"	X
75-25-2	Bromoform	BRL		µg/l	1.0	1	"	"	"	"	"	X
74-83-9	Bromomethane	BRL		µg/l	2.0	1	"	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/l	10.0	1	"	"	"	"	"	X
104-51-8	n-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"	X
135-98-8	sec-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"	X
98-06-6	tert-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"	X
75-15-0	Carbon disulfide	BRL		µg/l	2.0	1	"	"	"	"	"	X
56-23-5	Carbon tetrachloride	BRL		µg/l	1.0	1	"	"	"	"	"	X
108-90-7	Chlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"	X
75-00-3	Chloroethane	BRL		µg/l	2.0	1	"	"	"	"	"	X
67-66-3	Chloroform	BRL		µg/l	1.0	1	"	"	"	"	"	X
74-87-3	Chloromethane	BRL		µg/l	2.0	1	"	"	"	"	"	X
95-49-8	2-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	"	
106-43-4	4-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	"	
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/l	2.0	1	"	"	"	"	"	X
124-48-1	Dibromochloromethane	BRL		µg/l	0.5	1	"	"	"	"	"	X
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/l	0.5	1	"	"	"	"	"	X
74-95-3	Dibromomethane	BRL		µg/l	1.0	1	"	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"	X
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/l	2.0	1	"	"	"	"	"	X
75-34-3	1,1-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"	X
107-06-2	1,2-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"	X
75-35-4	1,1-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"	X
156-60-5	trans-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"	X
78-87-5	1,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"	X
142-28-9	1,3-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"	X
594-20-7	2,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"	X
563-58-6	1,1-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	"	X
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/l	0.5	1	"	"	"	"	"	X
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/l	0.5	1	"	"	"	"	"	X
100-41-4	Ethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/l	0.5	1	"	"	"	"	"	X
591-78-6	2-Hexanone (MBK)	BRL		µg/l	10.0	1	"	"	"	"	"	X
98-82-8	Isopropylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"	X

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
SSB-4 GW Dup SB14714-19	171-305	Ground Water	01-Jul-10 08:00	02-Jul-10

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Volatile Organic Compounds												
Volatile Organic Compounds Prepared by method SW846 5030 Water MS												
99-87-6	4-Isopropyltoluene	BRL		µg/l	1.0	1	SW846 8260B/C	07-Jul-10	07-Jul-10	JLG	1014307	X
1634-04-4	Methyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	"	X
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/l	10.0	1	"	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/l	2.0	1	"	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/l	1.0	1	"	"	"	"	"	X
103-65-1	n-Propylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"	X
100-42-5	Styrene	BRL		µg/l	1.0	1	"	"	"	"	"	X
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/l	1.0	1	"	"	"	"	"	X
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/l	0.5	1	"	"	"	"	"	X
127-18-4	Tetrachloroethene	BRL		µg/l	1.0	1	"	"	"	"	"	X
108-88-3	Toluene	BRL		µg/l	1.0	1	"	"	"	"	"	X
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"	X
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"	X
108-70-3	1,3,5-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"	
71-55-6	1,1,1-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"	X
79-01-6	Trichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/l	1.0	1	"	"	"	"	"	X
96-18-4	1,2,3-Trichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"	X
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"	X
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"	X
75-01-4	Vinyl chloride	BRL		µg/l	1.0	1	"	"	"	"	"	X
179601-23-1	m,p-Xylene	BRL		µg/l	2.0	1	"	"	"	"	"	X
95-47-6	o-Xylene	BRL		µg/l	1.0	1	"	"	"	"	"	X
109-99-9	Tetrahydrofuran	BRL		µg/l	2.0	1	"	"	"	"	"	
60-29-7	Ethyl ether	BRL		µg/l	1.0	1	"	"	"	"	"	
994-05-8	Tert-amyl methyl ether	BRL		µg/l	1.0	1	"	"	"	"	"	X
637-92-3	Ethyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	"	X
108-20-3	Di-isopropyl ether	BRL		µg/l	1.0	1	"	"	"	"	"	X
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/l	10.0	1	"	"	"	"	"	X
123-91-1	1,4-Dioxane	BRL		µg/l	20.0	1	"	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/l	5.0	1	"	"	"	"	"	X
64-17-5	Ethanol	BRL		µg/l	400	1	"	"	"	"	"	X
Surrogate recoveries:												
460-00-4	*4-Bromofluorobenzene*	*96*			*70-130 %*		"	"	"	"	"	
2037-26-5	*Toluene-d8*	*102*			*70-130 %*		"	"	"	"	"	
17060-07-0	*1,2-Dichloroethane-d4*	*105*			*70-130 %*		"	"	"	"	"	
1868-53-7	*Dibromofluoromethane*	*100*			*70-130 %*		"	"	"	"	"	
Semivolatile Organic Compounds by GCMS												
SVOCs by SW846 8270C SIM Prepared by method SW846 3510C												
83-32-9	Acenaphthene	BRL		µg/l	0.050	1	SW846 8270C/D	07-Jul-10	12-Jul-10	SM	1014294	X
208-96-8	Acenaphthylene	BRL		µg/l	0.050	1	"	"	"	"	"	X
90-12-0	1-Methylnaphthalene	BRL		µg/l	0.050	1	"	"	"	"	"	

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
SSB-4 GW Dup SB14714-19	171-305	Ground Water	01-Jul-10 08:00	02-Jul-10

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GCMS												
SVOCs by SW846 8270C SIM Prepared by method SW846 3510C												
120-12-7	Anthracene	BRL		µg/l	0.050	1	SW846 8270C/D	07-Jul-10	12-Jul-10	SM	1014294	X
56-55-3	Benzo (a) anthracene	BRL		µg/l	0.050	1	"	"	"	"	"	X
50-32-8	Benzo (a) pyrene	BRL		µg/l	0.050	1	"	"	"	"	"	X
205-99-2	Benzo (b) fluoranthene	BRL		µg/l	0.050	1	"	"	"	"	"	X
191-24-2	Benzo (g,h,i) perylene	BRL		µg/l	0.050	1	"	"	"	"	"	X
207-08-9	Benzo (k) fluoranthene	BRL		µg/l	0.050	1	"	"	"	"	"	X
218-01-9	Chrysene	BRL		µg/l	0.050	1	"	"	"	"	"	X
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/l	0.050	1	"	"	"	"	"	X
206-44-0	Fluoranthene	BRL		µg/l	0.050	1	"	"	"	"	"	X
86-73-7	Fluorene	BRL		µg/l	0.050	1	"	"	"	"	"	X
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/l	0.050	1	"	"	"	"	"	X
91-57-6	2-Methylnaphthalene	BRL		µg/l	0.050	1	"	"	"	"	"	
91-20-3	Naphthalene	BRL		µg/l	0.050	1	"	"	"	"	"	X
85-01-8	Phenanthrene	BRL		µg/l	0.050	1	"	"	"	"	"	X
129-00-0	Pyrene	BRL		µg/l	0.050	1	"	"	"	"	"	X
Surrogate recoveries:												
321-60-8	*2-Fluorobiphenyl*	*42*			*30-130 %*		"	"	"	"	"	
1718-51-0	*Terphenyl-d14*	*41*			*30-130 %*		"	"	"	"	"	
Semivolatile Organic Compounds by GC												
Polychlorinated Biphenyls by SW846 8082 Prepared by method SW846 3510C												
12674-11-2	Aroclor-1016	BRL		µg/l	0.202	1	SW846 8082	07-Jul-10	10-Jul-10	IMR	1014336	X
11104-28-2	Aroclor-1221	BRL		µg/l	0.202	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	BRL		µg/l	0.202	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	BRL		µg/l	0.202	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	BRL		µg/l	0.202	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	BRL		µg/l	0.202	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	BRL		µg/l	0.202	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	BRL		µg/l	0.202	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	BRL		µg/l	0.202	1	"	"	"	"	"	X
Surrogate recoveries:												
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*73*			*30-150 %*		"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*63*			*30-150 %*		"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*58*			*30-150 %*		"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*54*			*30-150 %*		"	"	"	"	"	
Extractable Petroleum Hydrocarbons												
Extractable Total Petroleum Hydrocarbons Prepared by method SW846 3510C												
8006-61-9	Gasoline	BRL		mg/l	0.1	1	+CT ETPH	07-Jul-10	09-Jul-10	SHM	1014295	
68476-30-2	Fuel Oil #2	BRL		mg/l	0.1	1	"	"	"	"	"	
68476-31-3	Fuel Oil #4	BRL		mg/l	0.1	1	"	"	"	"	"	
68553-00-4	Fuel Oil #6	BRL		mg/l	0.1	1	"	"	"	"	"	
M09800000	Motor Oil	BRL		mg/l	0.1	1	"	"	"	"	"	
J00100000	Aviation Fuel	BRL		mg/l	0.1	1	"	"	"	"	"	

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
SSB-4 GW Dup	171-305	Ground Water	01-Jul-10 08:00	02-Jul-10
SB14714-19				

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Analyst*	*Batch*	*Cert.*
Extractable Petroleum Hydrocarbons												
Extractable Total Petroleum Hydrocarbons Prepared by method SW846 3510C												
	Unidentified	BRL		mg/l	0.1	1	+CT ETPH	07-Jul-10	09-Jul-10	SHM	1014295	
	Other Oil	BRL		mg/l	0.1	1	"	"	"	"	"	
	Total Petroleum Hydrocarbons	BRL		mg/l	0.1	1	"	"	"	"	"	
	C9-C36 Aliphatic Hydrocarbons	BRL		mg/l	0.1	1	"	"	"	"	"	
Surrogate recoveries:												
3386-33-2	*1-Chlorooctadecane*	*66*			*50-150 %*		"	"	"	"	"	
Total Metals by EPA 6000/7000 Series Methods												
7440-38-2	Arsenic	BRL		mg/l	0.0040	1	SW846 6010B	08-Jul-10	09-Jul-10	JB	1014443	X
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	"	X
7440-47-3	Chromium	BRL		mg/l	0.0050	1	"	"	"	"	"	X
7439-92-1	Lead	BRL		mg/l	0.0075	1	"	"	"	"	"	X
Total Metals by EPA 200 Series Methods												
7439-97-6	Mercury	BRL		mg/l	0.00030	1	EPA 245.1/7470A	08-Jul-10	09-Jul-10	HB	1014444	X
Soluble Metals by EPA 200/6000 Series Methods												
	Filtration	Field Filtered		N/A		1	EPA 200.7/3005A/6010			ARF	1014212	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
SSB-6 GW SB14714-20	171-305	Ground Water	01-Jul-10 10:50	02-Jul-10

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Volatile Organic Compounds												
Volatile Organic Compounds Prepared by method SW846 5030 Water MS			R05									
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/l	10.0	10	SW846 8260B/C	07-Jul-10	07-Jul-10	JLG	1014307	X
67-64-1	Acetone	BRL		µg/l	100	10	"	"	"	"	"	X
107-13-1	Acrylonitrile	BRL		µg/l	5.0	10	"	"	"	"	"	X
71-43-2	Benzene	BRL		µg/l	10.0	10	"	"	"	"	"	X
108-86-1	Bromobenzene	BRL		µg/l	10.0	10	"	"	"	"	"	
74-97-5	Bromochloromethane	BRL		µg/l	10.0	10	"	"	"	"	"	X
75-27-4	Bromodichloromethane	BRL		µg/l	5.0	10	"	"	"	"	"	X
75-25-2	Bromoform	BRL		µg/l	10.0	10	"	"	"	"	"	X
74-83-9	Bromomethane	BRL		µg/l	20.0	10	"	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/l	100	10	"	"	"	"	"	X
104-51-8	n-Butylbenzene	BRL		µg/l	10.0	10	"	"	"	"	"	X
135-98-8	sec-Butylbenzene	BRL		µg/l	10.0	10	"	"	"	"	"	X
98-06-6	tert-Butylbenzene	BRL		µg/l	10.0	10	"	"	"	"	"	X
75-15-0	Carbon disulfide	21.7		µg/l	20.0	10	"	"	"	"	"	X
56-23-5	Carbon tetrachloride	BRL		µg/l	10.0	10	"	"	"	"	"	X
108-90-7	Chlorobenzene	BRL		µg/l	10.0	10	"	"	"	"	"	X
75-00-3	Chloroethane	BRL		µg/l	20.0	10	"	"	"	"	"	X
67-66-3	Chloroform	BRL		µg/l	10.0	10	"	"	"	"	"	X
74-87-3	Chloromethane	BRL		µg/l	20.0	10	"	"	"	"	"	X
95-49-8	2-Chlorotoluene	BRL		µg/l	10.0	10	"	"	"	"	"	
106-43-4	4-Chlorotoluene	BRL		µg/l	10.0	10	"	"	"	"	"	
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/l	20.0	10	"	"	"	"	"	X
124-48-1	Dibromochloromethane	BRL		µg/l	5.0	10	"	"	"	"	"	X
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/l	5.0	10	"	"	"	"	"	X
74-95-3	Dibromomethane	BRL		µg/l	10.0	10	"	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	10.0	10	"	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	10.0	10	"	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	10.0	10	"	"	"	"	"	X
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/l	20.0	10	"	"	"	"	"	X
75-34-3	1,1-Dichloroethane	BRL		µg/l	10.0	10	"	"	"	"	"	X
107-06-2	1,2-Dichloroethane	BRL		µg/l	10.0	10	"	"	"	"	"	X
75-35-4	1,1-Dichloroethene	BRL		µg/l	10.0	10	"	"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	BRL		µg/l	10.0	10	"	"	"	"	"	X
156-60-5	trans-1,2-Dichloroethene	BRL		µg/l	10.0	10	"	"	"	"	"	X
78-87-5	1,2-Dichloropropane	BRL		µg/l	10.0	10	"	"	"	"	"	X
142-28-9	1,3-Dichloropropane	BRL		µg/l	10.0	10	"	"	"	"	"	X
594-20-7	2,2-Dichloropropane	BRL		µg/l	10.0	10	"	"	"	"	"	X
563-58-6	1,1-Dichloropropene	BRL		µg/l	10.0	10	"	"	"	"	"	X
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/l	5.0	10	"	"	"	"	"	X
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/l	5.0	10	"	"	"	"	"	X
100-41-4	Ethylbenzene	BRL		µg/l	10.0	10	"	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/l	5.0	10	"	"	"	"	"	X
591-78-6	2-Hexanone (MBK)	BRL		µg/l	100	10	"	"	"	"	"	X
98-82-8	Isopropylbenzene	BRL		µg/l	10.0	10	"	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
SSB-6 GW SB14714-20	171-305	Ground Water	01-Jul-10 10:50	02-Jul-10

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Volatile Organic Compounds												
Volatile Organic Compounds			R05									
Prepared by method SW846 5030 Water MS												
99-87-6	4-Isopropyltoluene	BRL		µg/l	10.0	10	SW846 8260B/C	07-Jul-10	07-Jul-10	JLG	1014307	X
1634-04-4	Methyl tert-butyl ether	BRL		µg/l	10.0	10	"	"	"	"	"	X
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/l	100	10	"	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/l	20.0	10	"	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/l	10.0	10	"	"	"	"	"	X
103-65-1	n-Propylbenzene	BRL		µg/l	10.0	10	"	"	"	"	"	X
100-42-5	Styrene	BRL		µg/l	10.0	10	"	"	"	"	"	X
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/l	10.0	10	"	"	"	"	"	X
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/l	5.0	10	"	"	"	"	"	X
127-18-4	Tetrachloroethene	BRL		µg/l	10.0	10	"	"	"	"	"	X
108-88-3	Toluene	BRL		µg/l	10.0	10	"	"	"	"	"	X
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/l	10.0	10	"	"	"	"	"	X
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/l	10.0	10	"	"	"	"	"	X
108-70-3	1,3,5-Trichlorobenzene	BRL		µg/l	10.0	10	"	"	"	"	"	
71-55-6	1,1,1-Trichloroethane	BRL		µg/l	10.0	10	"	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	BRL		µg/l	10.0	10	"	"	"	"	"	X
79-01-6	Trichloroethene	BRL		µg/l	10.0	10	"	"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/l	10.0	10	"	"	"	"	"	X
96-18-4	1,2,3-Trichloropropane	BRL		µg/l	10.0	10	"	"	"	"	"	X
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/l	10.0	10	"	"	"	"	"	X
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/l	10.0	10	"	"	"	"	"	X
75-01-4	Vinyl chloride	BRL		µg/l	10.0	10	"	"	"	"	"	X
179601-23-1	m,p-Xylene	BRL		µg/l	20.0	10	"	"	"	"	"	X
95-47-6	o-Xylene	BRL		µg/l	10.0	10	"	"	"	"	"	X
109-99-9	Tetrahydrofuran	BRL		µg/l	20.0	10	"	"	"	"	"	
60-29-7	Ethyl ether	BRL		µg/l	10.0	10	"	"	"	"	"	
994-05-8	Tert-amyl methyl ether	BRL		µg/l	10.0	10	"	"	"	"	"	X
637-92-3	Ethyl tert-butyl ether	BRL		µg/l	10.0	10	"	"	"	"	"	X
108-20-3	Di-isopropyl ether	BRL		µg/l	10.0	10	"	"	"	"	"	X
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/l	100	10	"	"	"	"	"	X
123-91-1	1,4-Dioxane	BRL		µg/l	200	10	"	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/l	50.0	10	"	"	"	"	"	X
64-17-5	Ethanol	BRL		µg/l	4000	10	"	"	"	"	"	X
Surrogate recoveries:												
460-00-4	*4-Bromofluorobenzene*	*96*			*70-130 %*		"	"	"	"	"	
2037-26-5	*Toluene-d8*	*100*			*70-130 %*		"	"	"	"	"	
17060-07-0	*1,2-Dichloroethane-d4*	*106*			*70-130 %*		"	"	"	"	"	
1868-53-7	*Dibromofluoromethane*	*102*			*70-130 %*		"	"	"	"	"	
Semivolatile Organic Compounds by GCMS												
SVOCs by SW846 8270C SIM												
Prepared by method SW846 3510C												
83-32-9	Acenaphthene	0.116		µg/l	0.050	1	SW846 8270C/D	07-Jul-10	12-Jul-10	SM	1014294	X
208-96-8	Acenaphthylene	BRL		µg/l	0.050	1	"	"	"	"	"	X
90-12-0	1-Methylnaphthalene	0.095		µg/l	0.050	1	"	"	"	"	"	

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
SSB-6 GW SB14714-20	171-305	Ground Water	01-Jul-10 10:50	02-Jul-10

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GCMS												
SVOCs by SW846 8270C SIM Prepared by method SW846 3510C												
120-12-7	Anthracene	BRL		µg/l	0.050	1	SW846 8270C/D	07-Jul-10	12-Jul-10	SM	1014294	X
56-55-3	Benzo (a) anthracene	BRL		µg/l	0.050	1	"	"	"	"	"	X
50-32-8	Benzo (a) pyrene	BRL		µg/l	0.050	1	"	"	"	"	"	X
205-99-2	Benzo (b) fluoranthene	BRL		µg/l	0.050	1	"	"	"	"	"	X
191-24-2	Benzo (g,h,i) perylene	BRL		µg/l	0.050	1	"	"	"	"	"	X
207-08-9	Benzo (k) fluoranthene	BRL		µg/l	0.050	1	"	"	"	"	"	X
218-01-9	Chrysene	BRL		µg/l	0.050	1	"	"	"	"	"	X
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/l	0.050	1	"	"	"	"	"	X
206-44-0	Fluoranthene	0.179		µg/l	0.050	1	"	"	"	"	"	X
86-73-7	Fluorene	0.295		µg/l	0.050	1	"	"	"	"	"	X
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/l	0.050	1	"	"	"	"	"	X
91-57-6	2-Methylnaphthalene	0.105		µg/l	0.050	1	"	"	"	"	"	
91-20-3	Naphthalene	0.126		µg/l	0.050	1	"	"	"	"	"	X
85-01-8	Phenanthrene	0.126		µg/l	0.050	1	"	"	"	"	"	X
129-00-0	Pyrene	0.105		µg/l	0.050	1	"	"	"	"	"	X
Surrogate recoveries:												
321-60-8	*2-Fluorobiphenyl*	*46*			*30-130 %*		"	"	"	"	"	
1718-51-0	*Terphenyl-d14*	*44*			*30-130 %*		"	"	"	"	"	
Semivolatile Organic Compounds by GC												
Polychlorinated Biphenyls by SW846 8082 Prepared by method SW846 3510C												
12674-11-2	Aroclor-1016	BRL		µg/l	0.206	1	SW846 8082	07-Jul-10	10-Jul-10	IMR	1014336	X
11104-28-2	Aroclor-1221	BRL		µg/l	0.206	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	BRL		µg/l	0.206	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	BRL		µg/l	0.206	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	BRL		µg/l	0.206	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	BRL		µg/l	0.206	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	BRL		µg/l	0.206	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	BRL		µg/l	0.206	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	BRL		µg/l	0.206	1	"	"	"	"	"	X
Surrogate recoveries:												
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*94*			*30-150 %*		"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*86*			*30-150 %*		"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*80*			*30-150 %*		"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*84*			*30-150 %*		"	"	"	"	"	
Extractable Petroleum Hydrocarbons												
Extractable Total Petroleum Hydrocarbons Prepared by method SW846 3510C												
8006-61-9	Gasoline	BRL		mg/l	0.1	1	+CT ETPH	07-Jul-10	09-Jul-10	SHM	1014295	
68476-30-2	Fuel Oil #2	BRL		mg/l	0.1	1	"	"	"	"	"	
68476-31-3	Fuel Oil #4	BRL		mg/l	0.1	1	"	"	"	"	"	
68553-00-4	Fuel Oil #6	BRL		mg/l	0.1	1	"	"	"	"	"	
M09800000	Motor Oil	BRL		mg/l	0.1	1	"	"	"	"	"	
J00100000	Aviation Fuel	BRL		mg/l	0.1	1	"	"	"	"	"	

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
SSB-6 GW SB14714-20	171-305	Ground Water	01-Jul-10 10:50	02-Jul-10

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Extractable Petroleum Hydrocarbons												
Extractable Total Petroleum Hydrocarbons Prepared by method SW846 3510C												
	Unidentified	1.8		mg/l	0.1	1	+CT ETPH	07-Jul-10	09-Jul-10	SHM	1014295	
	Other Oil	Calculated as		mg/l	0.1	1	"	"	"	"	"	
	Total Petroleum Hydrocarbons	1.8		mg/l	0.1	1	"	"	"	"	"	
	C9-C36 Aliphatic Hydrocarbons	1.8		mg/l	0.1	1	"	"	"	"	"	
Surrogate recoveries:												
3386-33-2	*1-Chlorooctadecane*	*91*			*50-150 %*		"	"	"	"	"	
Total Metals by EPA 6000/7000 Series Methods												
7440-38-2	Arsenic	BRL		mg/l	0.0040	1	SW846 6010B	08-Jul-10	10-Jul-10	TBG	1014443	X
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	09-Jul-10	"	"	X
7440-47-3	Chromium	0.0076		mg/l	0.0050	1	"	"	"	"	"	X
7439-92-1	Lead	BRL		mg/l	0.0075	1	"	"	"	"	"	X
Total Metals by EPA 200 Series Methods												
7439-97-6	Mercury	BRL		mg/l	0.00030	1	EPA 245.1/7470A	08-Jul-10	09-Jul-10	HB	1014444	X
Soluble Metals by EPA 200/6000 Series Methods												
	Filtration	Field Filtered		N/A		1	EPA 200.7/3005A/6010			ARF	1014212	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
FB-1 SB14714-21	171-305	Deionized Water	01-Jul-10 12:15	02-Jul-10

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Volatile Organic Compounds												
Volatile Organic Compounds Prepared by method SW846 5030 Water MS												
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/l	1.0	1	SW846 8260B/C	07-Jul-10	07-Jul-10	JLG	1014307	X
67-64-1	Acetone	BRL		µg/l	10.0	1	"	"	"	"	"	X
107-13-1	Acrylonitrile	BRL		µg/l	0.5	1	"	"	"	"	"	X
71-43-2	Benzene	BRL		µg/l	1.0	1	"	"	"	"	"	X
108-86-1	Bromobenzene	BRL		µg/l	1.0	1	"	"	"	"	"	
74-97-5	Bromochloromethane	BRL		µg/l	1.0	1	"	"	"	"	"	X
75-27-4	Bromodichloromethane	BRL		µg/l	0.5	1	"	"	"	"	"	X
75-25-2	Bromoform	BRL		µg/l	1.0	1	"	"	"	"	"	X
74-83-9	Bromomethane	BRL		µg/l	2.0	1	"	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/l	10.0	1	"	"	"	"	"	X
104-51-8	n-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"	X
135-98-8	sec-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"	X
98-06-6	tert-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"	X
75-15-0	Carbon disulfide	BRL		µg/l	2.0	1	"	"	"	"	"	X
56-23-5	Carbon tetrachloride	BRL		µg/l	1.0	1	"	"	"	"	"	X
108-90-7	Chlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"	X
75-00-3	Chloroethane	BRL		µg/l	2.0	1	"	"	"	"	"	X
67-66-3	Chloroform	BRL		µg/l	1.0	1	"	"	"	"	"	X
74-87-3	Chloromethane	BRL		µg/l	2.0	1	"	"	"	"	"	X
95-49-8	2-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	"	
106-43-4	4-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	"	
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/l	2.0	1	"	"	"	"	"	X
124-48-1	Dibromochloromethane	BRL		µg/l	0.5	1	"	"	"	"	"	X
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/l	0.5	1	"	"	"	"	"	X
74-95-3	Dibromomethane	BRL		µg/l	1.0	1	"	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"	X
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/l	2.0	1	"	"	"	"	"	X
75-34-3	1,1-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"	X
107-06-2	1,2-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"	X
75-35-4	1,1-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"	X
156-60-5	trans-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"	X
78-87-5	1,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"	X
142-28-9	1,3-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"	X
594-20-7	2,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"	X
563-58-6	1,1-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	"	X
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/l	0.5	1	"	"	"	"	"	X
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/l	0.5	1	"	"	"	"	"	X
100-41-4	Ethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/l	0.5	1	"	"	"	"	"	X
591-78-6	2-Hexanone (MBK)	BRL		µg/l	10.0	1	"	"	"	"	"	X
98-82-8	Isopropylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"	X

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
FB-1 SB14714-21	171-305	Deionized Water	01-Jul-10 12:15	02-Jul-10

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Volatile Organic Compounds												
Volatile Organic Compounds Prepared by method SW846 5030 Water MS												
99-87-6	4-Isopropyltoluene	BRL		µg/l	1.0	1	SW846 8260B/C	07-Jul-10	07-Jul-10	JLG	1014307	X
1634-04-4	Methyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	"	X
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/l	10.0	1	"	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/l	2.0	1	"	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/l	1.0	1	"	"	"	"	"	X
103-65-1	n-Propylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"	X
100-42-5	Styrene	BRL		µg/l	1.0	1	"	"	"	"	"	X
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/l	1.0	1	"	"	"	"	"	X
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/l	0.5	1	"	"	"	"	"	X
127-18-4	Tetrachloroethene	BRL		µg/l	1.0	1	"	"	"	"	"	X
108-88-3	Toluene	BRL		µg/l	1.0	1	"	"	"	"	"	X
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"	X
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"	X
108-70-3	1,3,5-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"	
71-55-6	1,1,1-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"	X
79-01-6	Trichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/l	1.0	1	"	"	"	"	"	X
96-18-4	1,2,3-Trichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"	X
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"	X
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"	X
75-01-4	Vinyl chloride	BRL		µg/l	1.0	1	"	"	"	"	"	X
179601-23-1	m,p-Xylene	BRL		µg/l	2.0	1	"	"	"	"	"	X
95-47-6	o-Xylene	BRL		µg/l	1.0	1	"	"	"	"	"	X
109-99-9	Tetrahydrofuran	BRL		µg/l	2.0	1	"	"	"	"	"	
60-29-7	Ethyl ether	BRL		µg/l	1.0	1	"	"	"	"	"	
994-05-8	Tert-amyl methyl ether	BRL		µg/l	1.0	1	"	"	"	"	"	X
637-92-3	Ethyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	"	X
108-20-3	Di-isopropyl ether	BRL		µg/l	1.0	1	"	"	"	"	"	X
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/l	10.0	1	"	"	"	"	"	X
123-91-1	1,4-Dioxane	BRL		µg/l	20.0	1	"	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/l	5.0	1	"	"	"	"	"	X
64-17-5	Ethanol	BRL		µg/l	400	1	"	"	"	"	"	X
Surrogate recoveries:												
460-00-4	*4-Bromofluorobenzene*	*97*			*70-130 %*		"	"	"	"	"	
2037-26-5	*Toluene-d8*	*100*			*70-130 %*		"	"	"	"	"	
17060-07-0	*1,2-Dichloroethane-d4*	*103*			*70-130 %*		"	"	"	"	"	
1868-53-7	*Dibromofluoromethane*	*101*			*70-130 %*		"	"	"	"	"	
Semivolatile Organic Compounds by GCMS												
SVOCs by SW846 8270C SIM Prepared by method SW846 3510C												
83-32-9	Acenaphthene	BRL		µg/l	0.050	1	SW846 8270C/D	07-Jul-10	12-Jul-10	SM	1014294	X
208-96-8	Acenaphthylene	BRL		µg/l	0.050	1	"	"	"	"	"	X
90-12-0	1-Methylnaphthalene	BRL		µg/l	0.050	1	"	"	"	"	"	

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
FB-1	171-305	Deionized Water	01-Jul-10 12:15	02-Jul-10
SB14714-21				

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Analyst*	*Batch*	*Cert.*
Semivolatile Organic Compounds by GCMS												
SVOCs by SW846 8270C SIM												
Prepared by method SW846 3510C												
120-12-7	Anthracene	BRL		µg/l	0.050	1	SW846 8270C/D	07-Jul-10	12-Jul-10	SM	1014294	X
56-55-3	Benzo (a) anthracene	BRL		µg/l	0.050	1	"	"	"	"	"	X
50-32-8	Benzo (a) pyrene	BRL		µg/l	0.050	1	"	"	"	"	"	X
205-99-2	Benzo (b) fluoranthene	BRL		µg/l	0.050	1	"	"	"	"	"	X
191-24-2	Benzo (g,h,i) perylene	BRL		µg/l	0.050	1	"	"	"	"	"	X
207-08-9	Benzo (k) fluoranthene	BRL		µg/l	0.050	1	"	"	"	"	"	X
218-01-9	Chrysene	BRL		µg/l	0.050	1	"	"	"	"	"	X
53-70-3	Dibenzo (a,h) anthracene	BRL		µg/l	0.050	1	"	"	"	"	"	X
206-44-0	Fluoranthene	BRL		µg/l	0.050	1	"	"	"	"	"	X
86-73-7	Fluorene	BRL		µg/l	0.050	1	"	"	"	"	"	X
193-39-5	Indeno (1,2,3-cd) pyrene	BRL		µg/l	0.050	1	"	"	"	"	"	X
91-57-6	2-Methylnaphthalene	BRL		µg/l	0.050	1	"	"	"	"	"	
91-20-3	Naphthalene	BRL		µg/l	0.050	1	"	"	"	"	"	X
85-01-8	Phenanthrene	BRL		µg/l	0.050	1	"	"	"	"	"	X
129-00-0	Pyrene	BRL		µg/l	0.050	1	"	"	"	"	"	X
Surrogate recoveries:												
321-60-8	*2-Fluorobiphenyl*	*47*			*30-130 %*		"	"	"	"	"	
1718-51-0	*Terphenyl-d14*	*44*			*30-130 %*		"	"	"	"	"	
Semivolatile Organic Compounds by GC												
Polychlorinated Biphenyls by SW846 8082												
Prepared by method SW846 3510C												
12674-11-2	Aroclor-1016	BRL		µg/l	0.206	1	SW846 8082	07-Jul-10	10-Jul-10	IMR	1014336	X
11104-28-2	Aroclor-1221	BRL		µg/l	0.206	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	BRL		µg/l	0.206	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	BRL		µg/l	0.206	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	BRL		µg/l	0.206	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	BRL		µg/l	0.206	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	BRL		µg/l	0.206	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	BRL		µg/l	0.206	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	BRL		µg/l	0.206	1	"	"	"	"	"	X
Surrogate recoveries:												
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*46*			*30-150 %*		"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*44*			*30-150 %*		"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*48*			*30-150 %*		"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*44*			*30-150 %*		"	"	"	"	"	
Extractable Petroleum Hydrocarbons												
Extractable Total Petroleum Hydrocarbons												
Prepared by method SW846 3510C												
8006-61-9	Gasoline	BRL		mg/l	0.1	1	+CT ETPH	08-Jul-10	09-Jul-10	SHM	1014378	
68476-30-2	Fuel Oil #2	BRL		mg/l	0.1	1	"	"	"	"	"	
68476-31-3	Fuel Oil #4	BRL		mg/l	0.1	1	"	"	"	"	"	
68553-00-4	Fuel Oil #6	BRL		mg/l	0.1	1	"	"	"	"	"	
M09800000	Motor Oil	BRL		mg/l	0.1	1	"	"	"	"	"	
J00100000	Aviation Fuel	BRL		mg/l	0.1	1	"	"	"	"	"	

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
FB-1 SB14714-21	171-305	Deionized Water	01-Jul-10 12:15	02-Jul-10

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Analyst*	*Batch*	*Cert.*
Extractable Petroleum Hydrocarbons												
Extractable Total Petroleum Hydrocarbons Prepared by method SW846 3510C												
	Unidentified	BRL		mg/l	0.1	1	+CT ETPH	08-Jul-10	09-Jul-10	SHM	1014378	
	Other Oil	BRL		mg/l	0.1	1	"	"	"	"	"	
	Total Petroleum Hydrocarbons	BRL		mg/l	0.1	1	"	"	"	"	"	
	C9-C36 Aliphatic Hydrocarbons	BRL		mg/l	0.1	1	"	"	"	"	"	
Surrogate recoveries:												
3386-33-2	*1-Chlorooctadecane*	*83*			*50-150 %*		"	"	"	"	"	
Total Metals by EPA 6000/7000 Series Methods												
7440-38-2	Arsenic	BRL		mg/l	0.0040	1	SW846 6010B	08-Jul-10	09-Jul-10	JB	1014443	X
7440-43-9	Cadmium	BRL		mg/l	0.0025	1	"	"	"	"	"	X
7440-47-3	Chromium	BRL		mg/l	0.0050	1	"	"	"	"	"	X
7439-92-1	Lead	BRL		mg/l	0.0075	1	"	"	"	"	"	X
Total Metals by EPA 200 Series Methods												
7439-97-6	Mercury	BRL		mg/l	0.00030	1	EPA 245.1/7470A	08-Jul-10	09-Jul-10	HB	1014444	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
TB-1	171-305	Deionized Water	01-Jul-10 00:00	02-Jul-10
SB14714-22				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Volatile Organic Compounds												
Volatile Organic Compounds Prepared by method SW846 5030 Water MS												
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/l	1.0	1	SW846 8260B/C	07-Jul-10	07-Jul-10	JLG	1014307	X
67-64-1	Acetone	BRL		µg/l	10.0	1	"	"	"	"	"	X
107-13-1	Acrylonitrile	BRL		µg/l	0.5	1	"	"	"	"	"	X
71-43-2	Benzene	BRL		µg/l	1.0	1	"	"	"	"	"	X
108-86-1	Bromobenzene	BRL		µg/l	1.0	1	"	"	"	"	"	
74-97-5	Bromochloromethane	BRL		µg/l	1.0	1	"	"	"	"	"	X
75-27-4	Bromodichloromethane	BRL		µg/l	0.5	1	"	"	"	"	"	X
75-25-2	Bromoform	BRL		µg/l	1.0	1	"	"	"	"	"	X
74-83-9	Bromomethane	BRL		µg/l	2.0	1	"	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/l	10.0	1	"	"	"	"	"	X
104-51-8	n-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"	X
135-98-8	sec-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"	X
98-06-6	tert-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"	X
75-15-0	Carbon disulfide	BRL		µg/l	2.0	1	"	"	"	"	"	X
56-23-5	Carbon tetrachloride	BRL		µg/l	1.0	1	"	"	"	"	"	X
108-90-7	Chlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"	X
75-00-3	Chloroethane	BRL		µg/l	2.0	1	"	"	"	"	"	X
67-66-3	Chloroform	BRL		µg/l	1.0	1	"	"	"	"	"	X
74-87-3	Chloromethane	BRL		µg/l	2.0	1	"	"	"	"	"	X
95-49-8	2-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	"	
106-43-4	4-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	"	
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/l	2.0	1	"	"	"	"	"	X
124-48-1	Dibromochloromethane	BRL		µg/l	0.5	1	"	"	"	"	"	X
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/l	0.5	1	"	"	"	"	"	X
74-95-3	Dibromomethane	BRL		µg/l	1.0	1	"	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"	X
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/l	2.0	1	"	"	"	"	"	X
75-34-3	1,1-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"	X
107-06-2	1,2-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"	X
75-35-4	1,1-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"	X
156-60-5	trans-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"	X
78-87-5	1,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"	X
142-28-9	1,3-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"	X
594-20-7	2,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"	X
563-58-6	1,1-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	"	X
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/l	0.5	1	"	"	"	"	"	X
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/l	0.5	1	"	"	"	"	"	X
100-41-4	Ethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BRL		µg/l	0.5	1	"	"	"	"	"	X
591-78-6	2-Hexanone (MBK)	BRL		µg/l	10.0	1	"	"	"	"	"	X
98-82-8	Isopropylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"	X

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
TB-1 SB14714-22	171-305	Deionized Water	01-Jul-10 00:00	02-Jul-10

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Volatile Organic Compounds												
Volatile Organic Compounds Prepared by method SW846 5030 Water MS												
99-87-6	4-Isopropyltoluene	BRL		µg/l	1.0	1	SW846 8260B/C	07-Jul-10	07-Jul-10	JLG	1014307	X
1634-04-4	Methyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	"	X
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/l	10.0	1	"	"	"	"	"	X
75-09-2	Methylene chloride	BRL		µg/l	2.0	1	"	"	"	"	"	X
91-20-3	Naphthalene	BRL		µg/l	1.0	1	"	"	"	"	"	X
103-65-1	n-Propylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"	X
100-42-5	Styrene	BRL		µg/l	1.0	1	"	"	"	"	"	X
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/l	1.0	1	"	"	"	"	"	X
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/l	0.5	1	"	"	"	"	"	X
127-18-4	Tetrachloroethene	BRL		µg/l	1.0	1	"	"	"	"	"	X
108-88-3	Toluene	BRL		µg/l	1.0	1	"	"	"	"	"	X
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"	X
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"	X
108-70-3	1,3,5-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"	
71-55-6	1,1,1-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"	X
79-01-6	Trichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/l	1.0	1	"	"	"	"	"	X
96-18-4	1,2,3-Trichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"	X
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"	X
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"	X
75-01-4	Vinyl chloride	BRL		µg/l	1.0	1	"	"	"	"	"	X
179601-23-1	m,p-Xylene	BRL		µg/l	2.0	1	"	"	"	"	"	X
95-47-6	o-Xylene	BRL		µg/l	1.0	1	"	"	"	"	"	X
109-99-9	Tetrahydrofuran	BRL		µg/l	2.0	1	"	"	"	"	"	
60-29-7	Ethyl ether	BRL		µg/l	1.0	1	"	"	"	"	"	
994-05-8	Tert-amyl methyl ether	BRL		µg/l	1.0	1	"	"	"	"	"	X
637-92-3	Ethyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	"	X
108-20-3	Di-isopropyl ether	BRL		µg/l	1.0	1	"	"	"	"	"	X
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/l	10.0	1	"	"	"	"	"	X
123-91-1	1,4-Dioxane	BRL		µg/l	20.0	1	"	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/l	5.0	1	"	"	"	"	"	X
64-17-5	Ethanol	BRL		µg/l	400	1	"	"	"	"	"	X
Surrogate recoveries:												
460-00-4	*4-Bromofluorobenzene*	*96*			*70-130 %*		"	"	"	"	"	
2037-26-5	*Toluene-d8*	*99*			*70-130 %*		"	"	"	"	"	
17060-07-0	*1,2-Dichloroethane-d4*	*105*			*70-130 %*		"	"	"	"	"	
1868-53-7	*Dibromofluoromethane*	*101*			*70-130 %*		"	"	"	"	"	

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 1014299 - SW846 5035A Soil (low level)										
Blank (1014299-BLK1)						Prepared & Analyzed: 07-Jul-10				
1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg wet	5.0						
Acetone	BRL		µg/kg wet	50.0						
Acrylonitrile	BRL		µg/kg wet	5.0						
Benzene	BRL		µg/kg wet	5.0						
Bromobenzene	BRL		µg/kg wet	5.0						
Bromochloromethane	BRL		µg/kg wet	5.0						
Bromodichloromethane	BRL		µg/kg wet	5.0						
Bromoform	BRL		µg/kg wet	5.0						
Bromomethane	BRL		µg/kg wet	10.0						
2-Butanone (MEK)	BRL		µg/kg wet	50.0						
n-Butylbenzene	BRL		µg/kg wet	5.0						
sec-Butylbenzene	BRL		µg/kg wet	5.0						
tert-Butylbenzene	BRL		µg/kg wet	5.0						
Carbon disulfide	BRL		µg/kg wet	10.0						
Carbon tetrachloride	BRL		µg/kg wet	5.0						
Chlorobenzene	BRL		µg/kg wet	5.0						
Chloroethane	BRL		µg/kg wet	10.0						
Chloroform	BRL		µg/kg wet	5.0						
Chloromethane	BRL		µg/kg wet	10.0						
2-Chlorotoluene	BRL		µg/kg wet	5.0						
4-Chlorotoluene	BRL		µg/kg wet	5.0						
1,2-Dibromo-3-chloropropane	BRL		µg/kg wet	10.0						
Dibromochloromethane	BRL		µg/kg wet	5.0						
1,2-Dibromoethane (EDB)	BRL		µg/kg wet	5.0						
Dibromomethane	BRL		µg/kg wet	5.0						
1,2-Dichlorobenzene	BRL		µg/kg wet	5.0						
1,3-Dichlorobenzene	BRL		µg/kg wet	5.0						
1,4-Dichlorobenzene	BRL		µg/kg wet	5.0						
Dichlorodifluoromethane (Freon12)	BRL		µg/kg wet	10.0						
1,1-Dichloroethane	BRL		µg/kg wet	5.0						
1,2-Dichloroethane	BRL		µg/kg wet	5.0						
1,1-Dichloroethene	BRL		µg/kg wet	5.0						
cis-1,2-Dichloroethene	BRL		µg/kg wet	5.0						
trans-1,2-Dichloroethene	BRL		µg/kg wet	5.0						
1,2-Dichloropropane	BRL		µg/kg wet	5.0						
1,3-Dichloropropane	BRL		µg/kg wet	5.0						
2,2-Dichloropropane	BRL		µg/kg wet	5.0						
1,1-Dichloropropene	BRL		µg/kg wet	5.0						
cis-1,3-Dichloropropene	BRL		µg/kg wet	5.0						
trans-1,3-Dichloropropene	BRL		µg/kg wet	5.0						
Ethylbenzene	BRL		µg/kg wet	5.0						
Hexachlorobutadiene	BRL		µg/kg wet	5.0						
2-Hexanone (MBK)	BRL		µg/kg wet	50.0						
Isopropylbenzene	BRL		µg/kg wet	5.0						
4-Isopropyltoluene	BRL		µg/kg wet	5.0						
Methyl tert-butyl ether	BRL		µg/kg wet	5.0						
4-Methyl-2-pentanone (MIBK)	BRL		µg/kg wet	50.0						
Methylene chloride	BRL		µg/kg wet	10.0						
Naphthalene	BRL		µg/kg wet	5.0						
n-Propylbenzene	BRL		µg/kg wet	5.0						
Styrene	BRL		µg/kg wet	5.0						
1,1,1,2-Tetrachloroethane	BRL		µg/kg wet	5.0						

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 1014299 - SW846 5035A Soil (low level)										
Blank (1014299-BLK1)						Prepared & Analyzed: 07-Jul-10				
1,1,2,2-Tetrachloroethane	BRL		µg/kg wet	5.0						
Tetrachloroethene	BRL		µg/kg wet	5.0						
Toluene	BRL		µg/kg wet	5.0						
1,2,3-Trichlorobenzene	BRL		µg/kg wet	5.0						
1,2,4-Trichlorobenzene	BRL		µg/kg wet	5.0						
1,3,5-Trichlorobenzene	BRL		µg/kg wet	5.0						
1,1,1-Trichloroethane	BRL		µg/kg wet	5.0						
1,1,2-Trichloroethane	BRL		µg/kg wet	5.0						
Trichloroethene	BRL		µg/kg wet	5.0						
Trichlorofluoromethane (Freon 11)	BRL		µg/kg wet	5.0						
1,2,3-Trichloropropane	BRL		µg/kg wet	5.0						
1,2,4-Trimethylbenzene	BRL		µg/kg wet	5.0						
1,3,5-Trimethylbenzene	BRL		µg/kg wet	5.0						
Vinyl chloride	BRL		µg/kg wet	5.0						
m,p-Xylene	BRL		µg/kg wet	10.0						
o-Xylene	BRL		µg/kg wet	5.0						
Tetrahydrofuran	BRL		µg/kg wet	10.0						
Ethyl ether	BRL		µg/kg wet	5.0						
Tert-amyl methyl ether	BRL		µg/kg wet	5.0						
Ethyl tert-butyl ether	BRL		µg/kg wet	5.0						
Di-isopropyl ether	BRL		µg/kg wet	5.0						
Tert-Butanol / butyl alcohol	BRL		µg/kg wet	50.0						
1,4-Dioxane	BRL		µg/kg wet	100						
trans-1,4-Dichloro-2-butene	BRL		µg/kg wet	25.0						
Ethanol	BRL		µg/kg wet	2000						
Surrogate: 4-Bromofluorobenzene	*50.5*		µg/kg wet		*50.0*		*101*	*70-130*		
Surrogate: Toluene-d8	*50.0*		µg/kg wet		*50.0*		*100*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*62.6*		µg/kg wet		*50.0*		*125*	*70-130*		
Surrogate: Dibromofluoromethane	*54.6*		µg/kg wet		*50.0*		*109*	*70-130*		
LCS (1014299-BS1)						Prepared & Analyzed: 07-Jul-10				
1,1,2-Trichlorotrifluoroethane (Freon 113)	20.9		µg/kg wet		20.0		105	70-130		
Acetone	30.4		µg/kg wet		20.0		152	70-130		
Acrylonitrile	22.9		µg/kg wet		20.0		114	70-130		
Benzene	18.1		µg/kg wet		20.0		90	70-130		
Bromobenzene	20.2		µg/kg wet		20.0		101	70-130		
Bromochloromethane	20.0		µg/kg wet		20.0		100	70-130		
Bromodichloromethane	20.5		µg/kg wet		20.0		102	70-130		
Bromoform	22.6		µg/kg wet		20.0		113	70-130		
Bromomethane	22.2		µg/kg wet		20.0		111	70-130		
2-Butanone (MEK)	21.6		µg/kg wet		20.0		108	70-130		
n-Butylbenzene	15.3		µg/kg wet		20.0		76	70-130		
sec-Butylbenzene	19.0		µg/kg wet		20.0		95	70-130		
tert-Butylbenzene	21.0		µg/kg wet		20.0		105	70-130		
Carbon disulfide	22.8		µg/kg wet		20.0		114	70-130		
Carbon tetrachloride	21.7		µg/kg wet		20.0		108	70-130		
Chlorobenzene	18.3		µg/kg wet		20.0		92	70-130		
Chloroethane	19.9		µg/kg wet		20.0		100	70-130		
Chloroform	20.3		µg/kg wet		20.0		101	70-130		
Chloromethane	19.4		µg/kg wet		20.0		97	70-130		
2-Chlorotoluene	19.0		µg/kg wet		20.0		95	70-130		
4-Chlorotoluene	19.5		µg/kg wet		20.0		97	70-130		

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 1014299 - SW846 5035A Soil (low level)										
LCS (1014299-BS1)						Prepared & Analyzed: 07-Jul-10				
1,2-Dibromo-3-chloropropane	17.9		µg/kg wet		20.0		90	70-130		
Dibromochloromethane	21.9		µg/kg wet		20.0		109	70-130		
1,2-Dibromoethane (EDB)	21.3		µg/kg wet		20.0		107	70-130		
Dibromomethane	19.4		µg/kg wet		20.0		97	70-130		
1,2-Dichlorobenzene	18.2		µg/kg wet		20.0		91	70-130		
1,3-Dichlorobenzene	19.7		µg/kg wet		20.0		99	70-130		
1,4-Dichlorobenzene	17.5		µg/kg wet		20.0		87	70-130		
Dichlorodifluoromethane (Freon12)	24.8		µg/kg wet		20.0		124	70-130		
1,1-Dichloroethane	21.2		µg/kg wet		20.0		106	70-130		
1,2-Dichloroethane	20.2		µg/kg wet		20.0		101	70-130		
1,1-Dichloroethene	22.4		µg/kg wet		20.0		112	70-130		
cis-1,2-Dichloroethene	19.2		µg/kg wet		20.0		96	70-130		
trans-1,2-Dichloroethene	23.0		µg/kg wet		20.0		115	70-130		
1,2-Dichloropropane	16.7		µg/kg wet		20.0		83	70-130		
1,3-Dichloropropane	19.0		µg/kg wet		20.0		95	70-130		
2,2-Dichloropropane	21.8		µg/kg wet		20.0		109	70-130		
1,1-Dichloropropene	18.7		µg/kg wet		20.0		93	70-130		
cis-1,3-Dichloropropene	18.5		µg/kg wet		20.0		92	70-130		
trans-1,3-Dichloropropene	18.9		µg/kg wet		20.0		95	70-130		
Ethylbenzene	18.3		µg/kg wet		20.0		91	70-130		
Hexachlorobutadiene	17.9		µg/kg wet		20.0		90	70-130		
2-Hexanone (MBK)	16.0		µg/kg wet		20.0		80	70-130		
Isopropylbenzene	19.2		µg/kg wet		20.0		96	70-130		
4-Isopropyltoluene	17.0		µg/kg wet		20.0		85	70-130		
Methyl tert-butyl ether	24.4		µg/kg wet		20.0		122	70-130		
4-Methyl-2-pentanone (MIBK)	21.2		µg/kg wet		20.0		106	70-130		
Methylene chloride	21.6		µg/kg wet		20.0		108	70-130		
Naphthalene	17.7		µg/kg wet		20.0		88	70-130		
n-Propylbenzene	18.4		µg/kg wet		20.0		92	70-130		
Styrene	19.3		µg/kg wet		20.0		97	70-130		
1,1,1,2-Tetrachloroethane	20.2		µg/kg wet		20.0		101	70-130		
1,1,2,2-Tetrachloroethane	16.8		µg/kg wet		20.0		84	70-130		
Tetrachloroethene	18.3		µg/kg wet		20.0		91	70-130		
Toluene	18.4		µg/kg wet		20.0		92	70-130		
1,2,3-Trichlorobenzene	20.3		µg/kg wet		20.0		101	70-130		
1,2,4-Trichlorobenzene	18.2		µg/kg wet		20.0		91	70-130		
1,3,5-Trichlorobenzene	18.2		µg/kg wet		20.0		91	70-130		
1,1,1-Trichloroethane	21.4		µg/kg wet		20.0		107	70-130		
1,1,2-Trichloroethane	19.2		µg/kg wet		20.0		96	70-130		
Trichloroethene	19.4		µg/kg wet		20.0		97	70-130		
Trichlorofluoromethane (Freon 11)	23.8		µg/kg wet		20.0		119	70-130		
1,2,3-Trichloropropane	18.9		µg/kg wet		20.0		95	70-130		
1,2,4-Trimethylbenzene	20.1		µg/kg wet		20.0		101	70-130		
1,3,5-Trimethylbenzene	19.7		µg/kg wet		20.0		99	70-130		
Vinyl chloride	24.0		µg/kg wet		20.0		120	70-130		
m,p-Xylene	38.1		µg/kg wet		40.0		95	70-130		
o-Xylene	19.9		µg/kg wet		20.0		100	70-130		
Tetrahydrofuran	16.0		µg/kg wet		20.0		80	70-130		
Ethyl ether	22.4		µg/kg wet		20.0		112	70-130		
Tert-amyl methyl ether	16.6		µg/kg wet		20.0		83	70-130		
Ethyl tert-butyl ether	20.2		µg/kg wet		20.0		101	70-130		
Di-isopropyl ether	16.4		µg/kg wet		20.0		82	70-130		

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 1014299 - SW846 5035A Soil (low level)										
LCS (1014299-BS1)						Prepared & Analyzed: 07-Jul-10				
Tert-Butanol / butyl alcohol	238		µg/kg wet		200		119	70-130		
1,4-Dioxane	260		µg/kg wet		200		130	70-130		
trans-1,4-Dichloro-2-butene	18.9		µg/kg wet		20.0		94	70-130		
Ethanol	418		µg/kg wet		400		104	70-130		
Surrogate: 4-Bromofluorobenzene	*53.4*		µg/kg wet		*50.0*		*107*	*70-130*		
Surrogate: Toluene-d8	*51.0*		µg/kg wet		*50.0*		*102*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*54.1*		µg/kg wet		*50.0*		*108*	*70-130*		
Surrogate: Dibromofluoromethane	*52.0*		µg/kg wet		*50.0*		*104*	*70-130*		
LCS Dup (1014299-BSD1)						Prepared & Analyzed: 07-Jul-10				
1,1,2-Trichlorotrifluoroethane (Freon 113)	22.4		µg/kg wet		20.0		112	70-130	7	25
Acetone	23.1		µg/kg wet		20.0		115	70-130	27	50
Acrylonitrile	19.4		µg/kg wet		20.0		97	70-130	17	25
Benzene	18.9		µg/kg wet		20.0		95	70-130	5	25
Bromobenzene	21.4		µg/kg wet		20.0		107	70-130	6	25
Bromochloromethane	19.7		µg/kg wet		20.0		98	70-130	1	25
Bromodichloromethane	20.2		µg/kg wet		20.0		101	70-130	1	25
Bromoform	21.7		µg/kg wet		20.0		109	70-130	4	25
Bromomethane	24.1		µg/kg wet		20.0		120	70-130	8	50
2-Butanone (MEK)	23.2		µg/kg wet		20.0		116	70-130	7	50
n-Butylbenzene	17.7		µg/kg wet		20.0		88	70-130	15	25
sec-Butylbenzene	21.6		µg/kg wet		20.0		108	70-130	13	25
tert-Butylbenzene	23.3		µg/kg wet		20.0		117	70-130	11	25
Carbon disulfide	24.2		µg/kg wet		20.0		121	70-130	6	25
Carbon tetrachloride	23.3		µg/kg wet		20.0		116	70-130	7	25
Chlorobenzene	20.1		µg/kg wet		20.0		100	70-130	9	25
Chloroethane	21.5		µg/kg wet		20.0		108	70-130	8	50
Chloroform	21.0		µg/kg wet		20.0		105	70-130	4	25
Chloromethane	19.4		µg/kg wet		20.0		97	70-130	0.2	25
2-Chlorotoluene	21.5		µg/kg wet		20.0		108	70-130	12	25
4-Chlorotoluene	21.6		µg/kg wet		20.0		108	70-130	10	25
1,2-Dibromo-3-chloropropane	20.7		µg/kg wet		20.0		104	70-130	14	25
Dibromochloromethane	20.9		µg/kg wet		20.0		105	70-130	4	50
1,2-Dibromoethane (EDB)	19.0		µg/kg wet		20.0		95	70-130	11	25
Dibromomethane	19.6		µg/kg wet		20.0		98	70-130	1	25
1,2-Dichlorobenzene	19.5		µg/kg wet		20.0		98	70-130	7	25
1,3-Dichlorobenzene	21.4		µg/kg wet		20.0		107	70-130	8	25
1,4-Dichlorobenzene	19.1		µg/kg wet		20.0		95	70-130	9	25
Dichlorodifluoromethane (Freon12)	26.7		µg/kg wet		20.0		134	70-130	8	50
1,1-Dichloroethane	24.9		µg/kg wet		20.0		125	70-130	16	25
1,2-Dichloroethane	19.6		µg/kg wet		20.0		98	70-130	3	25
1,1-Dichloroethene	24.2		µg/kg wet		20.0		121	70-130	8	25
cis-1,2-Dichloroethene	20.0		µg/kg wet		20.0		100	70-130	4	25
trans-1,2-Dichloroethene	23.5		µg/kg wet		20.0		117	70-130	2	25
1,2-Dichloropropane	16.8		µg/kg wet		20.0		84	70-130	0.8	25
1,3-Dichloropropane	17.1		µg/kg wet		20.0		85	70-130	11	25
2,2-Dichloropropane	25.2		µg/kg wet		20.0		126	70-130	15	25
1,1-Dichloropropene	20.6		µg/kg wet		20.0		103	70-130	10	25
cis-1,3-Dichloropropene	19.3		µg/kg wet		20.0		96	70-130	4	25
trans-1,3-Dichloropropene	18.2		µg/kg wet		20.0		91	70-130	4	25
Ethylbenzene	20.7		µg/kg wet		20.0		104	70-130	13	25
Hexachlorobutadiene	20.6		µg/kg wet		20.0		103	70-130	14	50

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 1014299 - SW846 5035A Soil (low level)										
LCS Dup (1014299-BSD1)					Prepared & Analyzed: 07-Jul-10					
2-Hexanone (MBK)	13.1		µg/kg wet		20.0		65	70-130	20	25
Isopropylbenzene	22.2		µg/kg wet		20.0		111	70-130	14	25
4-Isopropyltoluene	19.3		µg/kg wet		20.0		96	70-130	13	25
Methyl tert-butyl ether	23.4		µg/kg wet		20.0		117	70-130	4	25
4-Methyl-2-pentanone (MIBK)	17.0		µg/kg wet		20.0		85	70-130	22	50
Methylene chloride	21.9		µg/kg wet		20.0		109	70-130	1	25
Naphthalene	17.0		µg/kg wet		20.0		85	70-130	4	25
n-Propylbenzene	20.5		µg/kg wet		20.0		102	70-130	11	25
Styrene	20.6		µg/kg wet		20.0		103	70-130	6	25
1,1,1,2-Tetrachloroethane	21.3		µg/kg wet		20.0		106	70-130	5	25
1,1,2,2-Tetrachloroethane	17.6		µg/kg wet		20.0		88	70-130	5	25
Tetrachloroethene	19.6		µg/kg wet		20.0		98	70-130	7	25
Toluene	19.1		µg/kg wet		20.0		95	70-130	4	25
1,2,3-Trichlorobenzene	21.1		µg/kg wet		20.0		106	70-130	4	25
1,2,4-Trichlorobenzene	19.3		µg/kg wet		20.0		96	70-130	6	25
1,3,5-Trichlorobenzene	20.3		µg/kg wet		20.0		101	70-130	11	25
1,1,1-Trichloroethane	23.9		µg/kg wet		20.0		119	70-130	11	25
1,1,2-Trichloroethane	17.6		µg/kg wet		20.0		88	70-130	8	25
Trichloroethene	20.2		µg/kg wet		20.0		101	70-130	4	25
Trichlorofluoromethane (Freon 11)	25.9		µg/kg wet		20.0		129	70-130	8	50
1,2,3-Trichloropropane	18.0		µg/kg wet		20.0		90	70-130	5	25
1,2,4-Trimethylbenzene	21.9		µg/kg wet		20.0		109	70-130	8	25
1,3,5-Trimethylbenzene	22.2		µg/kg wet		20.0		111	70-130	12	25
Vinyl chloride	26.9	QM9	µg/kg wet		20.0		135	70-130	11	25
m,p-Xylene	43.0		µg/kg wet		40.0		107	70-130	12	25
o-Xylene	22.0		µg/kg wet		20.0		110	70-130	10	25
Tetrahydrofuran	13.5	QM9	µg/kg wet		20.0		68	70-130	17	25
Ethyl ether	21.0		µg/kg wet		20.0		105	70-130	7	50
Tert-amyl methyl ether	15.5		µg/kg wet		20.0		78	70-130	6	25
Ethyl tert-butyl ether	18.9		µg/kg wet		20.0		95	70-130	6	25
Di-isopropyl ether	15.9		µg/kg wet		20.0		79	70-130	3	25
Tert-Butanol / butyl alcohol	189		µg/kg wet		200		94	70-130	23	25
1,4-Dioxane	198		µg/kg wet		200		99	70-130	27	25
trans-1,4-Dichloro-2-butene	18.4		µg/kg wet		20.0		92	70-130	2	25
Ethanol	408		µg/kg wet		400		102	70-130	2	30
Surrogate: 4-Bromofluorobenzene	*54.7*		µg/kg wet		*50.0*		*109*	*70-130*		
Surrogate: Toluene-d8	*49.8*		µg/kg wet		*50.0*		*100*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*51.0*		µg/kg wet		*50.0*		*102*	*70-130*		
Surrogate: Dibromofluoromethane	*50.2*		µg/kg wet		*50.0*		*100*	*70-130*		
Batch 1014307 - SW846 5030 Water MS										
Blank (1014307-BLK1)					Prepared & Analyzed: 07-Jul-10					
1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/l	1.0						
Acetone	BRL		µg/l	10.0						
Acrylonitrile	BRL		µg/l	0.5						
Benzene	BRL		µg/l	1.0						
Bromobenzene	BRL		µg/l	1.0						
Bromochloromethane	BRL		µg/l	1.0						
Bromodichloromethane	BRL		µg/l	0.5						
Bromoform	BRL		µg/l	1.0						
Bromomethane	BRL		µg/l	2.0						
2-Butanone (MEK)	BRL		µg/l	10.0						

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 1014307 - SW846 5030 Water MS										
Blank (1014307-BLK1)					Prepared & Analyzed: 07-Jul-10					
n-Butylbenzene	BRL		µg/l	1.0						
sec-Butylbenzene	BRL		µg/l	1.0						
tert-Butylbenzene	BRL		µg/l	1.0						
Carbon disulfide	BRL		µg/l	2.0						
Carbon tetrachloride	BRL		µg/l	1.0						
Chlorobenzene	BRL		µg/l	1.0						
Chloroethane	BRL		µg/l	2.0						
Chloroform	BRL		µg/l	1.0						
Chloromethane	BRL		µg/l	2.0						
2-Chlorotoluene	BRL		µg/l	1.0						
4-Chlorotoluene	BRL		µg/l	1.0						
1,2-Dibromo-3-chloropropane	BRL		µg/l	2.0						
Dibromochloromethane	BRL		µg/l	0.5						
1,2-Dibromoethane (EDB)	BRL		µg/l	0.5						
Dibromomethane	BRL		µg/l	1.0						
1,2-Dichlorobenzene	BRL		µg/l	1.0						
1,3-Dichlorobenzene	BRL		µg/l	1.0						
1,4-Dichlorobenzene	BRL		µg/l	1.0						
Dichlorodifluoromethane (Freon12)	BRL		µg/l	2.0						
1,1-Dichloroethane	BRL		µg/l	1.0						
1,2-Dichloroethane	BRL		µg/l	1.0						
1,1-Dichloroethene	BRL		µg/l	1.0						
cis-1,2-Dichloroethene	BRL		µg/l	1.0						
trans-1,2-Dichloroethene	BRL		µg/l	1.0						
1,2-Dichloropropane	BRL		µg/l	1.0						
1,3-Dichloropropane	BRL		µg/l	1.0						
2,2-Dichloropropane	BRL		µg/l	1.0						
1,1-Dichloropropene	BRL		µg/l	1.0						
cis-1,3-Dichloropropene	BRL		µg/l	0.5						
trans-1,3-Dichloropropene	BRL		µg/l	0.5						
Ethylbenzene	BRL		µg/l	1.0						
Hexachlorobutadiene	BRL		µg/l	0.5						
2-Hexanone (MBK)	BRL		µg/l	10.0						
Isopropylbenzene	BRL		µg/l	1.0						
4-Isopropyltoluene	BRL		µg/l	1.0						
Methyl tert-butyl ether	BRL		µg/l	1.0						
4-Methyl-2-pentanone (MIBK)	BRL		µg/l	10.0						
Methylene chloride	BRL		µg/l	2.0						
Naphthalene	BRL		µg/l	1.0						
n-Propylbenzene	BRL		µg/l	1.0						
Styrene	BRL		µg/l	1.0						
1,1,1,2-Tetrachloroethane	BRL		µg/l	1.0						
1,1,2,2-Tetrachloroethane	BRL		µg/l	0.5						
Tetrachloroethene	BRL		µg/l	1.0						
Toluene	BRL		µg/l	1.0						
1,2,3-Trichlorobenzene	BRL		µg/l	1.0						
1,2,4-Trichlorobenzene	BRL		µg/l	1.0						
1,3,5-Trichlorobenzene	BRL		µg/l	1.0						
1,1,1-Trichloroethane	BRL		µg/l	1.0						
1,1,2-Trichloroethane	BRL		µg/l	1.0						
Trichloroethene	BRL		µg/l	1.0						
Trichlorofluoromethane (Freon 11)	BRL		µg/l	1.0						

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 1014307 - SW846 5030 Water MS										
Blank (1014307-BLK1)					Prepared & Analyzed: 07-Jul-10					
1,2,3-Trichloropropane	BRL		µg/l	1.0						
1,2,4-Trimethylbenzene	BRL		µg/l	1.0						
1,3,5-Trimethylbenzene	BRL		µg/l	1.0						
Vinyl chloride	BRL		µg/l	1.0						
m,p-Xylene	BRL		µg/l	2.0						
o-Xylene	BRL		µg/l	1.0						
Tetrahydrofuran	BRL		µg/l	2.0						
Ethyl ether	BRL		µg/l	1.0						
Tert-amyl methyl ether	BRL		µg/l	1.0						
Ethyl tert-butyl ether	BRL		µg/l	1.0						
Di-isopropyl ether	BRL		µg/l	1.0						
Tert-Butanol / butyl alcohol	BRL		µg/l	10.0						
1,4-Dioxane	BRL		µg/l	20.0						
trans-1,4-Dichloro-2-butene	BRL		µg/l	5.0						
Ethanol	BRL		µg/l	400						
Surrogate: 4-Bromofluorobenzene	*48.3*		µg/l		*50.0*		*97*	*70-130*		
Surrogate: Toluene-d8	*49.5*		µg/l		*50.0*		*99*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*51.2*		µg/l		*50.0*		*102*	*70-130*		
Surrogate: Dibromofluoromethane	*49.4*		µg/l		*50.0*		*99*	*70-130*		
LCS (1014307-BS1)					Prepared & Analyzed: 07-Jul-10					
1,1,2-Trichlorotrifluoroethane (Freon 113)	20.2		µg/l		20.0		101	70-130		
Acetone	18.6		µg/l		20.0		93	70-130		
Acrylonitrile	18.0		µg/l		20.0		90	70-130		
Benzene	20.1		µg/l		20.0		101	70-130		
Bromobenzene	19.9		µg/l		20.0		99	70-130		
Bromochloromethane	19.9		µg/l		20.0		99	70-130		
Bromodichloromethane	20.3		µg/l		20.0		102	70-130		
Bromoform	19.8		µg/l		20.0		99	70-130		
Bromomethane	20.6		µg/l		20.0		103	70-130		
2-Butanone (MEK)	16.7		µg/l		20.0		84	70-130		
n-Butylbenzene	20.3		µg/l		20.0		102	70-130		
sec-Butylbenzene	21.4		µg/l		20.0		107	70-130		
tert-Butylbenzene	22.0		µg/l		20.0		110	70-130		
Carbon disulfide	19.4		µg/l		20.0		97	70-130		
Carbon tetrachloride	21.1		µg/l		20.0		105	70-130		
Chlorobenzene	20.3		µg/l		20.0		101	70-130		
Chloroethane	19.6		µg/l		20.0		98	70-130		
Chloroform	18.1		µg/l		20.0		90	70-130		
Chloromethane	20.4		µg/l		20.0		102	70-130		
2-Chlorotoluene	21.7		µg/l		20.0		109	70-130		
4-Chlorotoluene	21.2		µg/l		20.0		106	70-130		
1,2-Dibromo-3-chloropropane	17.4		µg/l		20.0		87	70-130		
Dibromochloromethane	20.5		µg/l		20.0		102	70-130		
1,2-Dibromoethane (EDB)	19.8		µg/l		20.0		99	70-130		
Dibromomethane	19.8		µg/l		20.0		99	70-130		
1,2-Dichlorobenzene	19.9		µg/l		20.0		100	70-130		
1,3-Dichlorobenzene	20.5		µg/l		20.0		103	70-130		
1,4-Dichlorobenzene	19.2		µg/l		20.0		96	70-130		
Dichlorodifluoromethane (Freon12)	21.0		µg/l		20.0		105	70-130		
1,1-Dichloroethane	19.8		µg/l		20.0		99	70-130		
1,2-Dichloroethane	20.8		µg/l		20.0		104	70-130		

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 1014307 - SW846 5030 Water MS										
LCS (1014307-BS1)					Prepared & Analyzed: 07-Jul-10					
1,1-Dichloroethene	20.2		µg/l		20.0		101	70-130		
cis-1,2-Dichloroethene	19.9		µg/l		20.0		99	70-130		
trans-1,2-Dichloroethene	19.4		µg/l		20.0		97	70-130		
1,2-Dichloropropane	19.2		µg/l		20.0		96	70-130		
1,3-Dichloropropane	19.4		µg/l		20.0		97	70-130		
2,2-Dichloropropane	19.1		µg/l		20.0		95	70-130		
1,1-Dichloropropene	20.6		µg/l		20.0		103	70-130		
cis-1,3-Dichloropropene	20.3		µg/l		20.0		102	70-130		
trans-1,3-Dichloropropene	21.8		µg/l		20.0		109	70-130		
Ethylbenzene	20.9		µg/l		20.0		105	70-130		
Hexachlorobutadiene	17.8		µg/l		20.0		89	70-130		
2-Hexanone (MBK)	18.2		µg/l		20.0		91	70-130		
Isopropylbenzene	21.1		µg/l		20.0		106	70-130		
4-Isopropyltoluene	20.4		µg/l		20.0		102	70-130		
Methyl tert-butyl ether	22.1		µg/l		20.0		111	70-130		
4-Methyl-2-pentanone (MIBK)	18.8		µg/l		20.0		94	70-130		
Methylene chloride	19.7		µg/l		20.0		99	70-130		
Naphthalene	20.4		µg/l		20.0		102	70-130		
n-Propylbenzene	21.4		µg/l		20.0		107	70-130		
Styrene	21.3		µg/l		20.0		107	70-130		
1,1,1,2-Tetrachloroethane	21.4		µg/l		20.0		107	70-130		
1,1,2,2-Tetrachloroethane	19.4		µg/l		20.0		97	70-130		
Tetrachloroethene	20.4		µg/l		20.0		102	70-130		
Toluene	19.8		µg/l		20.0		99	70-130		
1,2,3-Trichlorobenzene	19.4		µg/l		20.0		97	70-130		
1,2,4-Trichlorobenzene	19.4		µg/l		20.0		97	70-130		
1,3,5-Trichlorobenzene	19.9		µg/l		20.0		99	70-130		
1,1,1-Trichloroethane	19.9		µg/l		20.0		100	70-130		
1,1,2-Trichloroethane	20.1		µg/l		20.0		101	70-130		
Trichloroethene	19.8		µg/l		20.0		99	70-130		
Trichlorofluoromethane (Freon 11)	20.4		µg/l		20.0		102	70-130		
1,2,3-Trichloropropane	19.4		µg/l		20.0		97	70-130		
1,2,4-Trimethylbenzene	22.0		µg/l		20.0		110	70-130		
1,3,5-Trimethylbenzene	21.6		µg/l		20.0		108	70-130		
Vinyl chloride	21.6		µg/l		20.0		108	70-130		
m,p-Xylene	42.0		µg/l		40.0		105	70-130		
o-Xylene	21.0		µg/l		20.0		105	70-130		
Tetrahydrofuran	17.5		µg/l		20.0		87	70-130		
Ethyl ether	20.0		µg/l		20.0		100	70-130		
Tert-amyl methyl ether	18.2		µg/l		20.0		91	70-130		
Ethyl tert-butyl ether	20.4		µg/l		20.0		102	70-130		
Di-isopropyl ether	20.7		µg/l		20.0		104	70-130		
Tert-Butanol / butyl alcohol	159		µg/l		200		79	70-130		
1,4-Dioxane	180		µg/l		200		90	70-130		
trans-1,4-Dichloro-2-butene	17.6		µg/l		20.0		88	70-130		
Ethanol	372		µg/l		400		93	70-130		
Surrogate: 4-Bromofluorobenzene	*52.7*		µg/l		*50.0*		*105*	*70-130*		
Surrogate: Toluene-d8	*50.0*		µg/l		*50.0*		*100*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*50.3*		µg/l		*50.0*		*101*	*70-130*		
Surrogate: Dibromofluoromethane	*51.1*		µg/l		*50.0*		*102*	*70-130*		
LCS Dup (1014307-BSD1)					Prepared & Analyzed: 07-Jul-10					

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 1014307 - SW846 5030 Water MS										
LCS Dup (1014307-BSD1)					Prepared & Analyzed: 07-Jul-10					
1,1,2-Trichlorotrifluoroethane (Freon 113)	18.8		µg/l		20.0		94	70-130	7	25
Acetone	18.0		µg/l		20.0		90	70-130	3	50
Acrylonitrile	18.0		µg/l		20.0		90	70-130	0.2	25
Benzene	18.7		µg/l		20.0		93	70-130	7	25
Bromobenzene	19.1		µg/l		20.0		95	70-130	4	25
Bromochloromethane	18.5		µg/l		20.0		92	70-130	7	25
Bromodichloromethane	20.2		µg/l		20.0		101	70-130	0.3	25
Bromoform	19.4		µg/l		20.0		97	70-130	2	25
Bromomethane	18.8		µg/l		20.0		94	70-130	9	50
2-Butanone (MEK)	18.2		µg/l		20.0		91	70-130	9	50
n-Butylbenzene	18.9		µg/l		20.0		94	70-130	7	25
sec-Butylbenzene	20.0		µg/l		20.0		100	70-130	6	25
tert-Butylbenzene	20.3		µg/l		20.0		102	70-130	8	25
Carbon disulfide	17.2		µg/l		20.0		86	70-130	12	25
Carbon tetrachloride	19.5		µg/l		20.0		98	70-130	8	25
Chlorobenzene	18.8		µg/l		20.0		94	70-130	7	25
Chloroethane	17.9		µg/l		20.0		90	70-130	9	50
Chloroform	16.8		µg/l		20.0		84	70-130	7	25
Chloromethane	19.0		µg/l		20.0		95	70-130	7	25
2-Chlorotoluene	20.2		µg/l		20.0		101	70-130	7	25
4-Chlorotoluene	19.8		µg/l		20.0		99	70-130	7	25
1,2-Dibromo-3-chloropropane	16.6		µg/l		20.0		83	70-130	5	25
Dibromochloromethane	19.9		µg/l		20.0		100	70-130	3	50
1,2-Dibromoethane (EDB)	19.8		µg/l		20.0		99	70-130	0.05	25
Dibromomethane	18.3		µg/l		20.0		92	70-130	8	25
1,2-Dichlorobenzene	19.2		µg/l		20.0		96	70-130	4	25
1,3-Dichlorobenzene	19.4		µg/l		20.0		97	70-130	6	25
1,4-Dichlorobenzene	18.1		µg/l		20.0		91	70-130	6	25
Dichlorodifluoromethane (Freon12)	19.2		µg/l		20.0		96	70-130	9	50
1,1-Dichloroethane	18.4		µg/l		20.0		92	70-130	7	25
1,2-Dichloroethane	19.5		µg/l		20.0		97	70-130	7	25
1,1-Dichloroethene	18.6		µg/l		20.0		93	70-130	8	25
cis-1,2-Dichloroethene	18.6		µg/l		20.0		93	70-130	7	25
trans-1,2-Dichloroethene	18.5		µg/l		20.0		93	70-130	5	25
1,2-Dichloropropane	18.4		µg/l		20.0		92	70-130	4	25
1,3-Dichloropropane	19.0		µg/l		20.0		95	70-130	2	25
2,2-Dichloropropane	17.5		µg/l		20.0		88	70-130	8	25
1,1-Dichloropropene	18.2		µg/l		20.0		91	70-130	12	25
cis-1,3-Dichloropropene	19.6		µg/l		20.0		98	70-130	3	25
trans-1,3-Dichloropropene	20.5		µg/l		20.0		103	70-130	6	25
Ethylbenzene	19.3		µg/l		20.0		96	70-130	8	25
Hexachlorobutadiene	18.1		µg/l		20.0		91	70-130	2	50
2-Hexanone (MBK)	18.4		µg/l		20.0		92	70-130	1	25
Isopropylbenzene	19.8		µg/l		20.0		99	70-130	6	25
4-Isopropyltoluene	19.1		µg/l		20.0		96	70-130	7	25
Methyl tert-butyl ether	21.8		µg/l		20.0		109	70-130	1	25
4-Methyl-2-pentanone (MIBK)	18.3		µg/l		20.0		91	70-130	3	50
Methylene chloride	17.4		µg/l		20.0		87	70-130	13	25
Naphthalene	19.6		µg/l		20.0		98	70-130	4	25
n-Propylbenzene	19.7		µg/l		20.0		98	70-130	8	25
Styrene	19.9		µg/l		20.0		99	70-130	7	25
1,1,1,2-Tetrachloroethane	20.2		µg/l		20.0		101	70-130	6	25

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 1014307 - SW846 5030 Water MS										
LCS Dup (1014307-BSD1)					Prepared & Analyzed: 07-Jul-10					
1,1,2,2-Tetrachloroethane	19.2		µg/l		20.0		96	70-130	1	25
Tetrachloroethene	19.3		µg/l		20.0		96	70-130	6	25
Toluene	18.5		µg/l		20.0		93	70-130	6	25
1,2,3-Trichlorobenzene	19.5		µg/l		20.0		98	70-130	0.8	25
1,2,4-Trichlorobenzene	19.0		µg/l		20.0		95	70-130	2	25
1,3,5-Trichlorobenzene	18.9		µg/l		20.0		95	70-130	5	25
1,1,1-Trichloroethane	18.6		µg/l		20.0		93	70-130	7	25
1,1,2-Trichloroethane	19.7		µg/l		20.0		98	70-130	2	25
Trichloroethene	18.3		µg/l		20.0		91	70-130	8	25
Trichlorofluoromethane (Freon 11)	18.9		µg/l		20.0		94	70-130	8	50
1,2,3-Trichloropropane	19.0		µg/l		20.0		95	70-130	2	25
1,2,4-Trimethylbenzene	20.6		µg/l		20.0		103	70-130	7	25
1,3,5-Trimethylbenzene	20.2		µg/l		20.0		101	70-130	7	25
Vinyl chloride	19.4		µg/l		20.0		97	70-130	11	25
m,p-Xylene	39.5		µg/l		40.0		99	70-130	6	25
o-Xylene	20.0		µg/l		20.0		100	70-130	5	25
Tetrahydrofuran	16.6		µg/l		20.0		83	70-130	5	25
Ethyl ether	19.4		µg/l		20.0		97	70-130	3	50
Tert-amyl methyl ether	17.6		µg/l		20.0		88	70-130	4	25
Ethyl tert-butyl ether	19.8		µg/l		20.0		99	70-130	3	25
Di-isopropyl ether	19.2		µg/l		20.0		96	70-130	7	25
Tert-Butanol / butyl alcohol	158		µg/l		200		79	70-130	0.3	25
1,4-Dioxane	182		µg/l		200		91	70-130	1	25
trans-1,4-Dichloro-2-butene	16.7		µg/l		20.0		84	70-130	5	25
Ethanol	343		µg/l		400		86	70-130	8	30
Surrogate: 4-Bromofluorobenzene	*50.4*		µg/l		*50.0*		*101*	*70-130*		
Surrogate: Toluene-d8	*49.6*		µg/l		*50.0*		*99*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*49.4*		µg/l		*50.0*		*99*	*70-130*		
Surrogate: Dibromofluoromethane	*50.7*		µg/l		*50.0*		*101*	*70-130*		
Batch 1014632 - SW846 5030 Soil (high level)										
Blank (1014632-BLK1)					Prepared & Analyzed: 12-Jul-10					
1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/kg wet	50.0						
Acetone	BRL		µg/kg wet	500						
Acrylonitrile	BRL		µg/kg wet	50.0						
Benzene	BRL		µg/kg wet	50.0						
Bromobenzene	BRL		µg/kg wet	50.0						
Bromochloromethane	BRL		µg/kg wet	50.0						
Bromodichloromethane	BRL		µg/kg wet	50.0						
Bromoform	BRL		µg/kg wet	50.0						
Bromomethane	BRL		µg/kg wet	100						
2-Butanone (MEK)	BRL		µg/kg wet	500						
n-Butylbenzene	BRL		µg/kg wet	50.0						
sec-Butylbenzene	BRL		µg/kg wet	50.0						
tert-Butylbenzene	BRL		µg/kg wet	50.0						
Carbon disulfide	BRL		µg/kg wet	100						
Carbon tetrachloride	BRL		µg/kg wet	50.0						
Chlorobenzene	BRL		µg/kg wet	50.0						
Chloroethane	BRL		µg/kg wet	100						
Chloroform	BRL		µg/kg wet	50.0						
Chloromethane	BRL		µg/kg wet	100						
2-Chlorotoluene	BRL		µg/kg wet	50.0						

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 1014632 - SW846 5030 Soil (high level)										
Blank (1014632-BLK1)						Prepared & Analyzed: 12-Jul-10				
4-Chlorotoluene	BRL		µg/kg wet	50.0						
1,2-Dibromo-3-chloropropane	BRL		µg/kg wet	100						
Dibromochloromethane	BRL		µg/kg wet	50.0						
1,2-Dibromoethane (EDB)	BRL		µg/kg wet	50.0						
Dibromomethane	BRL		µg/kg wet	50.0						
1,2-Dichlorobenzene	BRL		µg/kg wet	50.0						
1,3-Dichlorobenzene	BRL		µg/kg wet	50.0						
1,4-Dichlorobenzene	BRL		µg/kg wet	50.0						
Dichlorodifluoromethane (Freon12)	BRL		µg/kg wet	100						
1,1-Dichloroethane	BRL		µg/kg wet	50.0						
1,2-Dichloroethane	BRL		µg/kg wet	50.0						
1,1-Dichloroethene	BRL		µg/kg wet	50.0						
cis-1,2-Dichloroethene	BRL		µg/kg wet	50.0						
trans-1,2-Dichloroethene	BRL		µg/kg wet	50.0						
1,2-Dichloropropane	BRL		µg/kg wet	50.0						
1,3-Dichloropropane	BRL		µg/kg wet	50.0						
2,2-Dichloropropane	BRL		µg/kg wet	50.0						
1,1-Dichloropropene	BRL		µg/kg wet	50.0						
cis-1,3-Dichloropropene	BRL		µg/kg wet	50.0						
trans-1,3-Dichloropropene	BRL		µg/kg wet	50.0						
Ethylbenzene	BRL		µg/kg wet	50.0						
Hexachlorobutadiene	BRL		µg/kg wet	50.0						
2-Hexanone (MBK)	BRL		µg/kg wet	500						
Isopropylbenzene	BRL		µg/kg wet	50.0						
4-Isopropyltoluene	BRL		µg/kg wet	50.0						
Methyl tert-butyl ether	BRL		µg/kg wet	50.0						
4-Methyl-2-pentanone (MIBK)	BRL		µg/kg wet	500						
Methylene chloride	BRL		µg/kg wet	100						
Naphthalene	BRL		µg/kg wet	50.0						
n-Propylbenzene	BRL		µg/kg wet	50.0						
Styrene	BRL		µg/kg wet	50.0						
1,1,1,2-Tetrachloroethane	BRL		µg/kg wet	50.0						
1,1,2,2-Tetrachloroethane	BRL		µg/kg wet	50.0						
Tetrachloroethene	BRL		µg/kg wet	50.0						
Toluene	BRL		µg/kg wet	50.0						
1,2,3-Trichlorobenzene	BRL		µg/kg wet	50.0						
1,2,4-Trichlorobenzene	BRL		µg/kg wet	50.0						
1,3,5-Trichlorobenzene	BRL		µg/kg wet	50.0						
1,1,1-Trichloroethane	BRL		µg/kg wet	50.0						
1,1,2-Trichloroethane	BRL		µg/kg wet	50.0						
Trichloroethene	BRL		µg/kg wet	50.0						
Trichlorofluoromethane (Freon 11)	BRL		µg/kg wet	50.0						
1,2,3-Trichloropropane	BRL		µg/kg wet	50.0						
1,2,4-Trimethylbenzene	BRL		µg/kg wet	50.0						
1,3,5-Trimethylbenzene	BRL		µg/kg wet	50.0						
Vinyl chloride	BRL		µg/kg wet	50.0						
m,p-Xylene	BRL		µg/kg wet	100						
o-Xylene	BRL		µg/kg wet	50.0						
Tetrahydrofuran	BRL		µg/kg wet	100						
Ethyl ether	BRL		µg/kg wet	50.0						
Tert-amyl methyl ether	BRL		µg/kg wet	50.0						
Ethyl tert-butyl ether	BRL		µg/kg wet	50.0						

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 1014632 - SW846 5030 Soil (high level)										
Blank (1014632-BLK1)						Prepared & Analyzed: 12-Jul-10				
Di-isopropyl ether	BRL		µg/kg wet	50.0						
Tert-Butanol / butyl alcohol	BRL		µg/kg wet	500						
1,4-Dioxane	BRL		µg/kg wet	1000						
trans-1,4-Dichloro-2-butene	BRL		µg/kg wet	250						
Ethanol	BRL		µg/kg wet	20000						
Surrogate: 4-Bromofluorobenzene	*25.3*		µg/kg wet		*30.0*		*84*	*70-130*		
Surrogate: Toluene-d8	*31.7*		µg/kg wet		*30.0*		*106*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*27.9*		µg/kg wet		*30.0*		*93*	*70-130*		
Surrogate: Dibromofluoromethane	*27.8*		µg/kg wet		*30.0*		*93*	*70-130*		
LCS (1014632-BS1)						Prepared & Analyzed: 12-Jul-10				
1,1,2-Trichlorotrifluoroethane (Freon 113)	19.6		µg/kg wet		20.0		98	70-130		
Acetone	17.2		µg/kg wet		20.0		86	70-130		
Acrylonitrile	17.5		µg/kg wet		20.0		88	70-130		
Benzene	19.5		µg/kg wet		20.0		98	70-130		
Bromobenzene	24.0		µg/kg wet		20.0		120	70-130		
Bromochloromethane	20.6		µg/kg wet		20.0		103	70-130		
Bromodichloromethane	19.6		µg/kg wet		20.0		98	70-130		
Bromoform	19.8		µg/kg wet		20.0		99	70-130		
Bromomethane	18.8		µg/kg wet		20.0		94	70-130		
2-Butanone (MEK)	18.3		µg/kg wet		20.0		92	70-130		
n-Butylbenzene	15.7		µg/kg wet		20.0		79	70-130		
sec-Butylbenzene	20.1		µg/kg wet		20.0		100	70-130		
tert-Butylbenzene	20.3		µg/kg wet		20.0		102	70-130		
Carbon disulfide	19.9		µg/kg wet		20.0		100	70-130		
Carbon tetrachloride	19.1		µg/kg wet		20.0		96	70-130		
Chlorobenzene	21.4		µg/kg wet		20.0		107	70-130		
Chloroethane	18.4		µg/kg wet		20.0		92	70-130		
Chloroform	18.9		µg/kg wet		20.0		95	70-130		
Chloromethane	15.5		µg/kg wet		20.0		77	70-130		
2-Chlorotoluene	23.3		µg/kg wet		20.0		117	70-130		
4-Chlorotoluene	20.1		µg/kg wet		20.0		100	70-130		
1,2-Dibromo-3-chloropropane	16.6		µg/kg wet		20.0		83	70-130		
Dibromochloromethane	20.0		µg/kg wet		20.0		100	70-130		
1,2-Dibromoethane (EDB)	21.5		µg/kg wet		20.0		108	70-130		
Dibromomethane	19.6		µg/kg wet		20.0		98	70-130		
1,2-Dichlorobenzene	22.0		µg/kg wet		20.0		110	70-130		
1,3-Dichlorobenzene	23.4		µg/kg wet		20.0		117	70-130		
1,4-Dichlorobenzene	19.2		µg/kg wet		20.0		96	70-130		
Dichlorodifluoromethane (Freon12)	19.1		µg/kg wet		20.0		95	70-130		
1,1-Dichloroethane	18.8		µg/kg wet		20.0		94	70-130		
1,2-Dichloroethane	17.8		µg/kg wet		20.0		89	70-130		
1,1-Dichloroethene	20.8		µg/kg wet		20.0		104	70-130		
cis-1,2-Dichloroethene	20.2		µg/kg wet		20.0		101	70-130		
trans-1,2-Dichloroethene	19.8		µg/kg wet		20.0		99	70-130		
1,2-Dichloropropane	18.3		µg/kg wet		20.0		92	70-130		
1,3-Dichloropropane	22.2		µg/kg wet		20.0		111	70-130		
2,2-Dichloropropane	20.8		µg/kg wet		20.0		104	70-130		
1,1-Dichloropropene	20.2		µg/kg wet		20.0		101	70-130		
cis-1,3-Dichloropropene	21.2		µg/kg wet		20.0		106	70-130		
trans-1,3-Dichloropropene	21.2		µg/kg wet		20.0		106	70-130		
Ethylbenzene	19.5		µg/kg wet		20.0		98	70-130		

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 1014632 - SW846 5030 Soil (high level)										
LCS (1014632-BS1)					Prepared & Analyzed: 12-Jul-10					
Hexachlorobutadiene	22.2		µg/kg wet		20.0		111	70-130		
2-Hexanone (MBK)	20.1		µg/kg wet		20.0		100	70-130		
Isopropylbenzene	23.3		µg/kg wet		20.0		116	70-130		
4-Isopropyltoluene	17.8		µg/kg wet		20.0		89	70-130		
Methyl tert-butyl ether	21.1		µg/kg wet		20.0		106	70-130		
4-Methyl-2-pentanone (MIBK)	25.7		µg/kg wet		20.0		129	70-130		
Methylene chloride	19.8		µg/kg wet		20.0		99	70-130		
Naphthalene	18.5		µg/kg wet		20.0		92	70-130		
n-Propylbenzene	17.4		µg/kg wet		20.0		87	70-130		
Styrene	18.2		µg/kg wet		20.0		91	70-130		
1,1,1,2-Tetrachloroethane	24.2		µg/kg wet		20.0		121	70-130		
1,1,2,2-Tetrachloroethane	18.5		µg/kg wet		20.0		92	70-130		
Tetrachloroethene	24.6		µg/kg wet		20.0		123	70-130		
Toluene	23.1		µg/kg wet		20.0		115	70-130		
1,2,3-Trichlorobenzene	19.5		µg/kg wet		20.0		98	70-130		
1,2,4-Trichlorobenzene	17.9		µg/kg wet		20.0		90	70-130		
1,3,5-Trichlorobenzene	20.9		µg/kg wet		20.0		104	70-130		
1,1,1-Trichloroethane	20.2		µg/kg wet		20.0		101	70-130		
1,1,2-Trichloroethane	22.7		µg/kg wet		20.0		113	70-130		
Trichloroethene	20.2		µg/kg wet		20.0		101	70-130		
Trichlorofluoromethane (Freon 11)	19.8		µg/kg wet		20.0		99	70-130		
1,2,3-Trichloropropane	21.5		µg/kg wet		20.0		107	70-130		
1,2,4-Trimethylbenzene	18.8		µg/kg wet		20.0		94	70-130		
1,3,5-Trimethylbenzene	19.0		µg/kg wet		20.0		95	70-130		
Vinyl chloride	17.5		µg/kg wet		20.0		87	70-130		
m,p-Xylene	42.0		µg/kg wet		40.0		105	70-130		
o-Xylene	20.8		µg/kg wet		20.0		104	70-130		
Tetrahydrofuran	15.7		µg/kg wet		20.0		79	70-130		
Ethyl ether	20.8		µg/kg wet		20.0		104	70-130		
Tert-amyl methyl ether	19.9		µg/kg wet		20.0		99	70-130		
Ethyl tert-butyl ether	19.5		µg/kg wet		20.0		98	70-130		
Di-isopropyl ether	17.0		µg/kg wet		20.0		85	70-130		
Tert-Butanol / butyl alcohol	202		µg/kg wet		200		101	70-130		
1,4-Dioxane	194		µg/kg wet		200		97	70-130		
trans-1,4-Dichloro-2-butene	16.5		µg/kg wet		20.0		83	70-130		
Ethanol	339		µg/kg wet		400		85	70-130		
Surrogate: 4-Bromofluorobenzene	*32.3*		µg/kg wet		*30.0*		*108*	*70-130*		
Surrogate: Toluene-d8	*34.0*		µg/kg wet		*30.0*		*113*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*27.3*		µg/kg wet		*30.0*		*91*	*70-130*		
Surrogate: Dibromofluoromethane	*29.5*		µg/kg wet		*30.0*		*98*	*70-130*		
LCS Dup (1014632-BSD1)					Prepared & Analyzed: 12-Jul-10					
1,1,2-Trichlorotrifluoroethane (Freon 113)	19.3		µg/kg wet		20.0		96	70-130	2	25
Acetone	16.9		µg/kg wet		20.0		84	70-130	1	50
Acrylonitrile	16.4		µg/kg wet		20.0		82	70-130	6	25
Benzene	19.1		µg/kg wet		20.0		95	70-130	2	25
Bromobenzene	23.3		µg/kg wet		20.0		116	70-130	3	25
Bromochloromethane	19.9		µg/kg wet		20.0		100	70-130	3	25
Bromodichloromethane	18.8		µg/kg wet		20.0		94	70-130	4	25
Bromoform	18.6		µg/kg wet		20.0		93	70-130	6	25
Bromomethane	18.2		µg/kg wet		20.0		91	70-130	3	50
2-Butanone (MEK)	19.7		µg/kg wet		20.0		99	70-130	7	50

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 1014632 - SW846 5030 Soil (high level)										
LCS Dup (1014632-BSD1)					Prepared & Analyzed: 12-Jul-10					
n-Butylbenzene	14.9		µg/kg wet		20.0		75	70-130	5	25
sec-Butylbenzene	19.0		µg/kg wet		20.0		95	70-130	6	25
tert-Butylbenzene	19.8		µg/kg wet		20.0		99	70-130	3	25
Carbon disulfide	18.8		µg/kg wet		20.0		94	70-130	6	25
Carbon tetrachloride	18.3		µg/kg wet		20.0		91	70-130	5	25
Chlorobenzene	20.8		µg/kg wet		20.0		104	70-130	3	25
Chloroethane	17.6		µg/kg wet		20.0		88	70-130	4	50
Chloroform	18.1		µg/kg wet		20.0		90	70-130	5	25
Chloromethane	15.0		µg/kg wet		20.0		75	70-130	3	25
2-Chlorotoluene	22.4		µg/kg wet		20.0		112	70-130	4	25
4-Chlorotoluene	19.0		µg/kg wet		20.0		95	70-130	6	25
1,2-Dibromo-3-chloropropane	16.3		µg/kg wet		20.0		82	70-130	2	25
Dibromochloromethane	19.4		µg/kg wet		20.0		97	70-130	3	50
1,2-Dibromoethane (EDB)	21.0		µg/kg wet		20.0		105	70-130	2	25
Dibromomethane	19.0		µg/kg wet		20.0		95	70-130	3	25
1,2-Dichlorobenzene	21.4		µg/kg wet		20.0		107	70-130	3	25
1,3-Dichlorobenzene	22.2		µg/kg wet		20.0		111	70-130	5	25
1,4-Dichlorobenzene	19.0		µg/kg wet		20.0		95	70-130	0.8	25
Dichlorodifluoromethane (Freon12)	18.4		µg/kg wet		20.0		92	70-130	4	50
1,1-Dichloroethane	17.8		µg/kg wet		20.0		89	70-130	5	25
1,2-Dichloroethane	17.8		µg/kg wet		20.0		89	70-130	0.4	25
1,1-Dichloroethene	19.6		µg/kg wet		20.0		98	70-130	6	25
cis-1,2-Dichloroethene	19.7		µg/kg wet		20.0		98	70-130	3	25
trans-1,2-Dichloroethene	18.7		µg/kg wet		20.0		93	70-130	6	25
1,2-Dichloropropane	18.0		µg/kg wet		20.0		90	70-130	2	25
1,3-Dichloropropane	21.5		µg/kg wet		20.0		108	70-130	3	25
2,2-Dichloropropane	19.1		µg/kg wet		20.0		95	70-130	9	25
1,1-Dichloropropene	19.4		µg/kg wet		20.0		97	70-130	4	25
cis-1,3-Dichloropropene	20.4		µg/kg wet		20.0		102	70-130	4	25
trans-1,3-Dichloropropene	20.5		µg/kg wet		20.0		102	70-130	3	25
Ethylbenzene	18.9		µg/kg wet		20.0		94	70-130	3	25
Hexachlorobutadiene	20.5		µg/kg wet		20.0		102	70-130	8	50
2-Hexanone (MBK)	21.1		µg/kg wet		20.0		106	70-130	5	25
Isopropylbenzene	22.3		µg/kg wet		20.0		111	70-130	5	25
4-Isopropyltoluene	17.1		µg/kg wet		20.0		86	70-130	4	25
Methyl tert-butyl ether	20.9		µg/kg wet		20.0		105	70-130	0.9	25
4-Methyl-2-pentanone (MIBK)	26.7		µg/kg wet		20.0		134	70-130	4	50
Methylene chloride	19.2		µg/kg wet		20.0		96	70-130	3	25
Naphthalene	17.5		µg/kg wet		20.0		88	70-130	6	25
n-Propylbenzene	17.0		µg/kg wet		20.0		85	70-130	2	25
Styrene	17.5		µg/kg wet		20.0		88	70-130	4	25
1,1,1,2-Tetrachloroethane	23.0		µg/kg wet		20.0		115	70-130	5	25
1,1,2,2-Tetrachloroethane	18.6		µg/kg wet		20.0		93	70-130	0.8	25
Tetrachloroethene	23.5		µg/kg wet		20.0		117	70-130	5	25
Toluene	22.3		µg/kg wet		20.0		111	70-130	4	25
1,2,3-Trichlorobenzene	18.7		µg/kg wet		20.0		94	70-130	4	25
1,2,4-Trichlorobenzene	16.7		µg/kg wet		20.0		84	70-130	7	25
1,3,5-Trichlorobenzene	19.9		µg/kg wet		20.0		99	70-130	5	25
1,1,1-Trichloroethane	18.9		µg/kg wet		20.0		95	70-130	6	25
1,1,2-Trichloroethane	21.6		µg/kg wet		20.0		108	70-130	5	25
Trichloroethene	19.3		µg/kg wet		20.0		97	70-130	5	25
Trichlorofluoromethane (Freon 11)	18.8		µg/kg wet		20.0		94	70-130	6	50

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 1014632 - SW846 5030 Soil (high level)										
LCS Dup (1014632-BSD1)					Prepared & Analyzed: 12-Jul-10					
1,2,3-Trichloropropane	21.4		µg/kg wet		20.0		107	70-130	0.09	25
1,2,4-Trimethylbenzene	18.2		µg/kg wet		20.0		91	70-130	3	25
1,3,5-Trimethylbenzene	17.9		µg/kg wet		20.0		90	70-130	6	25
Vinyl chloride	16.9		µg/kg wet		20.0		84	70-130	4	25
m,p-Xylene	40.4		µg/kg wet		40.0		101	70-130	4	25
o-Xylene	20.4		µg/kg wet		20.0		102	70-130	2	25
Tetrahydrofuran	16.8		µg/kg wet		20.0		84	70-130	6	25
Ethyl ether	20.6		µg/kg wet		20.0		103	70-130	1	50
Tert-amyl methyl ether	19.4		µg/kg wet		20.0		97	70-130	2	25
Ethyl tert-butyl ether	19.4		µg/kg wet		20.0		97	70-130	0.8	25
Di-isopropyl ether	17.0		µg/kg wet		20.0		85	70-130	0.2	25
Tert-Butanol / butyl alcohol	203		µg/kg wet		200		101	70-130	0.6	25
1,4-Dioxane	181		µg/kg wet		200		90	70-130	7	25
trans-1,4-Dichloro-2-butene	15.7		µg/kg wet		20.0		79	70-130	5	25
Ethanol	361		µg/kg wet		400		90	70-130	6	30
Surrogate: 4-Bromofluorobenzene	*32.4*		µg/kg wet		*30.0*		*108*	*70-130*		
Surrogate: Toluene-d8	*33.9*		µg/kg wet		*30.0*		*113*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*27.5*		µg/kg wet		*30.0*		*92*	*70-130*		
Surrogate: Dibromofluoromethane	*29.2*		µg/kg wet		*30.0*		*97*	*70-130*		

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 1014294 - SW846 3510C										
Blank (1014294-BLK1)					Prepared: 07-Jul-10 Analyzed: 09-Jul-10					
Acenaphthene	BRL		µg/l	0.050						
Acenaphthylene	BRL		µg/l	0.050						
1-Methylnaphthalene	BRL		µg/l	0.050						
Anthracene	BRL		µg/l	0.050						
Benzo (a) anthracene	BRL		µg/l	0.050						
Benzo (a) pyrene	BRL		µg/l	0.050						
Benzo (b) fluoranthene	BRL		µg/l	0.050						
Benzo (g,h,i) perylene	BRL		µg/l	0.050						
Benzo (k) fluoranthene	BRL		µg/l	0.050						
Chrysene	BRL		µg/l	0.050						
Dibenzo (a,h) anthracene	BRL		µg/l	0.050						
Fluoranthene	BRL		µg/l	0.050						
Fluorene	BRL		µg/l	0.050						
Indeno (1,2,3-cd) pyrene	BRL		µg/l	0.050						
2-Methylnaphthalene	BRL		µg/l	0.050						
Naphthalene	BRL		µg/l	0.050						
Phenanthrene	BRL		µg/l	0.050						
Pyrene	BRL		µg/l	0.050						
Surrogate: 2-Fluorobiphenyl	*33.5*		µg/l		*50.0*		*67*	*30-130*		
Surrogate: Terphenyl-dl4	*34.8*		µg/l		*50.0*		*70*	*30-130*		
LCS (1014294-BS1)					Prepared: 07-Jul-10 Analyzed: 09-Jul-10					
Acenaphthene	33.4		µg/l	0.050	50.0		67	40-140		
Acenaphthylene	34.1		µg/l	0.050	50.0		68	40-140		
1-Methylnaphthalene	33.0		µg/l	0.050	50.0		66	40-140		
Anthracene	34.4		µg/l	0.050	50.0		69	40-140		
Benzo (a) anthracene	34.9		µg/l	0.050	50.0		70	40-140		
Benzo (a) pyrene	34.8		µg/l	0.050	50.0		70	40-140		
Benzo (b) fluoranthene	32.1		µg/l	0.050	50.0		64	40-140		
Benzo (g,h,i) perylene	33.6		µg/l	0.050	50.0		67	40-140		
Benzo (k) fluoranthene	36.2		µg/l	0.050	50.0		72	40-140		
Chrysene	35.2		µg/l	0.050	50.0		70	40-140		
Dibenzo (a,h) anthracene	35.6		µg/l	0.050	50.0		71	40-140		
Fluoranthene	34.6		µg/l	0.050	50.0		69	40-140		
Fluorene	39.2		µg/l	0.050	50.0		78	40-140		
Indeno (1,2,3-cd) pyrene	34.7		µg/l	0.050	50.0		69	40-140		
2-Methylnaphthalene	32.4		µg/l	0.050	50.0		65	40-140		
Naphthalene	30.4		µg/l	0.050	50.0		61	40-140		
Phenanthrene	32.4		µg/l	0.050	50.0		65	40-140		
Pyrene	34.1		µg/l	0.050	50.0		68	40-140		
Surrogate: 2-Fluorobiphenyl	*31.1*		µg/l		*50.0*		*62*	*30-130*		
Surrogate: Terphenyl-dl4	*35.8*		µg/l		*50.0*		*72*	*30-130*		
LCS Dup (1014294-BSD1)					Prepared: 07-Jul-10 Analyzed: 09-Jul-10					
Acenaphthene	34.6		µg/l	0.050	50.0		69	40-140	4	20
Acenaphthylene	35.0		µg/l	0.050	50.0		70	40-140	3	20
1-Methylnaphthalene	33.6		µg/l	0.050	50.0		67	40-140	2	20
Anthracene	36.0		µg/l	0.050	50.0		72	40-140	5	20
Benzo (a) anthracene	36.0		µg/l	0.050	50.0		72	40-140	3	20
Benzo (a) pyrene	36.5		µg/l	0.050	50.0		73	40-140	5	20
Benzo (b) fluoranthene	33.2		µg/l	0.050	50.0		66	40-140	3	20
Benzo (g,h,i) perylene	31.4		µg/l	0.050	50.0		63	40-140	7	20
Benzo (k) fluoranthene	40.3		µg/l	0.050	50.0		81	40-140	11	20

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 1014294 - SW846 3510C										
LCS Dup (1014294-BSD1)					Prepared: 07-Jul-10 Analyzed: 09-Jul-10					
Chrysene	37.6		µg/l	0.050	50.0		75	40-140	7	20
Dibenzo (a,h) anthracene	34.6		µg/l	0.050	50.0		69	40-140	3	20
Fluoranthene	35.7		µg/l	0.050	50.0		71	40-140	3	20
Fluorene	40.4		µg/l	0.050	50.0		81	40-140	3	20
Indeno (1,2,3-cd) pyrene	32.8		µg/l	0.050	50.0		66	40-140	6	20
2-Methylnaphthalene	33.6		µg/l	0.050	50.0		67	40-140	3	20
Naphthalene	31.6		µg/l	0.050	50.0		63	40-140	4	20
Phenanthrene	33.4		µg/l	0.050	50.0		67	40-140	3	20
Pyrene	36.3		µg/l	0.050	50.0		73	40-140	6	20
Surrogate: 2-Fluorobiphenyl	*31.2*		µg/l		*50.0*		*62*	*30-130*		
Surrogate: Terphenyl-dl4	*37.4*		µg/l		*50.0*		*75*	*30-130*		
Batch 1014478 - SW846 3545A										
Blank (1014478-BLK1)					Prepared: 09-Jul-10 Analyzed: 12-Jul-10					
Acenaphthene	BRL		µg/kg wet	33.2						
Acenaphthylene	BRL		µg/kg wet	33.2						
Anthracene	BRL		µg/kg wet	33.2						
Benzo (a) anthracene	BRL		µg/kg wet	33.2						
Benzo (a) pyrene	BRL		µg/kg wet	33.2						
Benzo (b) fluoranthene	BRL		µg/kg wet	33.2						
Benzo (g,h,i) perylene	BRL		µg/kg wet	33.2						
Benzo (k) fluoranthene	BRL		µg/kg wet	33.2						
Chrysene	BRL		µg/kg wet	33.2						
Dibenzo (a,h) anthracene	BRL		µg/kg wet	33.2						
Fluoranthene	BRL		µg/kg wet	33.2						
Fluorene	BRL		µg/kg wet	33.2						
Indeno (1,2,3-cd) pyrene	BRL		µg/kg wet	33.2						
1-Methylnaphthalene	BRL		µg/kg wet	33.2						
2-Methylnaphthalene	BRL		µg/kg wet	33.2						
Naphthalene	BRL		µg/kg wet	33.2						
Phenanthrene	BRL		µg/kg wet	33.2						
Pyrene	BRL		µg/kg wet	33.2						
Surrogate: 2-Fluorobiphenyl	*1420*		µg/kg wet		*1670*		*85*	*30-130*		
Surrogate: Terphenyl-dl4	*1350*		µg/kg wet		*1670*		*81*	*30-130*		
LCS (1014478-BS1)					Prepared: 09-Jul-10 Analyzed: 12-Jul-10					
Acenaphthene	1300		µg/kg wet	33.2	1670		78	40-140		
Acenaphthylene	1240		µg/kg wet	33.2	1670		75	40-140		
Anthracene	1350		µg/kg wet	33.2	1670		81	40-140		
Benzo (a) anthracene	1400		µg/kg wet	33.2	1670		84	40-140		
Benzo (a) pyrene	1300		µg/kg wet	33.2	1670		78	40-140		
Benzo (b) fluoranthene	1370		µg/kg wet	33.2	1670		82	40-140		
Benzo (g,h,i) perylene	1360		µg/kg wet	33.2	1670		82	40-140		
Benzo (k) fluoranthene	1160		µg/kg wet	33.2	1670		69	40-140		
Chrysene	1400		µg/kg wet	33.2	1670		84	40-140		
Dibenzo (a,h) anthracene	1380		µg/kg wet	33.2	1670		83	40-140		
Fluoranthene	1480		µg/kg wet	33.2	1670		89	40-140		
Fluorene	1530		µg/kg wet	33.2	1670		92	40-140		
Indeno (1,2,3-cd) pyrene	1410		µg/kg wet	33.2	1670		85	40-140		
1-Methylnaphthalene	1290		µg/kg wet	33.2	1670		77	40-140		
2-Methylnaphthalene	1280		µg/kg wet	33.2	1670		77	40-140		
Naphthalene	1220		µg/kg wet	33.2	1670		73	40-140		
Phenanthrene	1310		µg/kg wet	33.2	1670		79	40-140		

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 1014478 - SW846 3545A										
LCS (1014478-BS1)					Prepared: 09-Jul-10 Analyzed: 12-Jul-10					
Pyrene	1340		µg/kg wet	33.2	1670		80	40-140		
Surrogate: 2-Fluorobiphenyl	*1290*		µg/kg wet		*1670*		*77*	*30-130*		
Surrogate: Terphenyl-dl4	*1420*		µg/kg wet		*1670*		*85*	*30-130*		
Duplicate (1014478-DUP1)			Source: SB14714-06		Prepared: 09-Jul-10 Analyzed: 14-Jul-10					
Acenaphthene	BRL		µg/kg dry	156		BRL				50
Acenaphthylene	BRL		µg/kg dry	156		BRL				50
Anthracene	BRL		µg/kg dry	156		BRL				50
Benzo (a) anthracene	BRL		µg/kg dry	156		BRL				50
Benzo (a) pyrene	BRL		µg/kg dry	156		BRL				50
Benzo (b) fluoranthene	BRL		µg/kg dry	156		BRL				50
Benzo (g,h,i) perylene	BRL		µg/kg dry	156		BRL				50
Benzo (k) fluoranthene	BRL		µg/kg dry	156		BRL				50
Chrysene	BRL		µg/kg dry	156		BRL				50
Dibenzo (a,h) anthracene	BRL		µg/kg dry	156		BRL				50
Fluoranthene	BRL		µg/kg dry	156		BRL				50
Fluorene	BRL		µg/kg dry	156		BRL				50
Indeno (1,2,3-cd) pyrene	BRL		µg/kg dry	156		BRL				50
1-Methylnaphthalene	BRL		µg/kg dry	156		BRL				50
2-Methylnaphthalene	BRL		µg/kg dry	156		BRL				50
Naphthalene	BRL		µg/kg dry	156		BRL				50
Phenanthrene	BRL		µg/kg dry	156		BRL				50
Pyrene	BRL		µg/kg dry	156		BRL				50
Surrogate: 2-Fluorobiphenyl	*3470*		µg/kg dry		*3920*		*88*	*30-130*		
Surrogate: Terphenyl-dl4	*3400*		µg/kg dry		*3920*		*87*	*30-130*		
Matrix Spike (1014478-MS1)			Source: SB14714-06		Prepared: 09-Jul-10 Analyzed: 14-Jul-10					
Acenaphthene	2560		µg/kg dry	79.0	3960	BRL	64	40-140		
Acenaphthylene	2570		µg/kg dry	79.0	3960	BRL	65	40-140		
Anthracene	2650		µg/kg dry	79.0	3960	BRL	67	40-140		
Benzo (a) anthracene	2690		µg/kg dry	79.0	3960	BRL	68	40-140		
Benzo (a) pyrene	2750		µg/kg dry	79.0	3960	BRL	69	40-140		
Benzo (b) fluoranthene	2620		µg/kg dry	79.0	3960	BRL	66	40-140		
Benzo (g,h,i) perylene	2750		µg/kg dry	79.0	3960	BRL	69	40-140		
Benzo (k) fluoranthene	2810		µg/kg dry	79.0	3960	BRL	71	40-140		
Chrysene	2840		µg/kg dry	79.0	3960	BRL	72	30-130		
Dibenzo (a,h) anthracene	2960		µg/kg dry	79.0	3960	BRL	75	30-130		
Fluoranthene	2620		µg/kg dry	79.0	3960	BRL	66	40-140		
Fluorene	2980		µg/kg dry	79.0	3960	BRL	75	40-140		
Indeno (1,2,3-cd) pyrene	2790		µg/kg dry	79.0	3960	BRL	70	40-140		
1-Methylnaphthalene	2460		µg/kg dry	79.0	3960	BRL	62	40-140		
2-Methylnaphthalene	2440		µg/kg dry	79.0	3960	BRL	62	40-140		
Naphthalene	2370		µg/kg dry	79.0	3960	BRL	60	40-140		
Phenanthrene	2490		µg/kg dry	79.0	3960	BRL	63	40-140		
Pyrene	2590		µg/kg dry	79.0	3960	BRL	65	40-140		
Surrogate: 2-Fluorobiphenyl	*3150*		µg/kg dry		*3960*		*79*	*30-130*		
Surrogate: Terphenyl-dl4	*3180*		µg/kg dry		*3960*		*80*	*30-130*		
Matrix Spike Dup (1014478-MSD1)			Source: SB14714-06		Prepared: 09-Jul-10 Analyzed: 14-Jul-10					
Acenaphthene	2600		µg/kg dry	78.5	3940	BRL	66	40-140	3	30
Acenaphthylene	2650		µg/kg dry	78.5	3940	BRL	67	40-140	4	30
Anthracene	2780		µg/kg dry	78.5	3940	BRL	71	40-140	5	30
Benzo (a) anthracene	2730		µg/kg dry	78.5	3940	BRL	69	40-140	2	30

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 1014478 - SW846 3545A										
Matrix Spike Dup (1014478-MSD1)			Source: SB14714-06		Prepared: 09-Jul-10 Analyzed: 14-Jul-10					
Benzo (a) pyrene	2800		µg/kg dry	78.5	3940	BRL	71	40-140	2	30
Benzo (b) fluoranthene	2540		µg/kg dry	78.5	3940	BRL	65	40-140	2	30
Benzo (g,h,i) perylene	2750		µg/kg dry	78.5	3940	BRL	70	40-140	0.8	30
Benzo (k) fluoranthene	3090		µg/kg dry	78.5	3940	BRL	79	40-140	10	30
Chrysene	2870		µg/kg dry	78.5	3940	BRL	73	30-130	2	30
Dibenzo (a,h) anthracene	2990		µg/kg dry	78.5	3940	BRL	76	30-130	2	30
Fluoranthene	2760		µg/kg dry	78.5	3940	BRL	70	40-140	6	30
Fluorene	3020		µg/kg dry	78.5	3940	BRL	77	40-140	2	30
Indeno (1,2,3-cd) pyrene	2760		µg/kg dry	78.5	3940	BRL	70	40-140	0.5	30
1-Methylnaphthalene	2580		µg/kg dry	78.5	3940	BRL	66	40-140	6	30
2-Methylnaphthalene	2600		µg/kg dry	78.5	3940	BRL	66	40-140	7	30
Naphthalene	2570		µg/kg dry	78.5	3940	BRL	65	40-140	9	30
Phenanthrene	2580		µg/kg dry	78.5	3940	BRL	65	40-140	4	30
Pyrene	2650		µg/kg dry	78.5	3940	BRL	67	40-140	3	30
Surrogate: 2-Fluorobiphenyl	*3160*		µg/kg dry		*3940*		*80*	*30-130*		
Surrogate: Terphenyl-dl4	*3170*		µg/kg dry		*3940*		*81*	*30-130*		

Semivolatile Organic Compounds by GC - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 1014336 - SW846 3510C										
Blank (1014336-BLK1)					Prepared: 07-Jul-10 Analyzed: 09-Jul-10					
Aroclor-1016	BRL		µg/l	0.200						
Aroclor-1016 [2C]	BRL		µg/l	0.200						
Aroclor-1221	BRL		µg/l	0.200						
Aroclor-1221 [2C]	BRL		µg/l	0.200						
Aroclor-1232	BRL		µg/l	0.200						
Aroclor-1232 [2C]	BRL		µg/l	0.200						
Aroclor-1242	BRL		µg/l	0.200						
Aroclor-1242 [2C]	BRL		µg/l	0.200						
Aroclor-1248	BRL		µg/l	0.200						
Aroclor-1248 [2C]	BRL		µg/l	0.200						
Aroclor-1254	BRL		µg/l	0.200						
Aroclor-1254 [2C]	BRL		µg/l	0.200						
Aroclor-1260	BRL		µg/l	0.200						
Aroclor-1260 [2C]	BRL		µg/l	0.200						
Aroclor-1262	BRL		µg/l	0.200						
Aroclor-1262 [2C]	BRL		µg/l	0.200						
Aroclor-1268	BRL		µg/l	0.200						
Aroclor-1268 [2C]	BRL		µg/l	0.200						
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*0.199*		µg/l		*0.200*		*100*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*0.190*		µg/l		*0.200*		*95*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*0.166*		µg/l		*0.200*		*83*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*0.166*		µg/l		*0.200*		*83*	*30-150*		
LCS (1014336-BS1)					Prepared: 07-Jul-10 Analyzed: 09-Jul-10					
Aroclor-1016	2.52		µg/l	0.200	2.50		101	50-140		
Aroclor-1016 [2C]	2.43		µg/l	0.200	2.50		97	50-140		
Aroclor-1260	2.24		µg/l	0.200	2.50		89	50-140		
Aroclor-1260 [2C]	2.47		µg/l	0.200	2.50		99	50-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*0.213*		µg/l		*0.200*		*107*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*0.221*		µg/l		*0.200*		*111*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*0.179*		µg/l		*0.200*		*90*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*0.197*		µg/l		*0.200*		*98*	*30-150*		
LCS Dup (1014336-BSD1)					Prepared: 07-Jul-10 Analyzed: 09-Jul-10					
Aroclor-1016	2.74		µg/l	0.200	2.50		110	50-140	9	30
Aroclor-1016 [2C]	2.17		µg/l	0.200	2.50		87	50-140	11	30
Aroclor-1260	2.43		µg/l	0.200	2.50		97	50-140	8	30
Aroclor-1260 [2C]	2.18		µg/l	0.200	2.50		87	50-140	12	30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*0.262*		µg/l		*0.200*		*131*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*0.184*		µg/l		*0.200*		*92*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*0.215*		µg/l		*0.200*		*108*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*0.174*		µg/l		*0.200*		*87*	*30-150*		
Batch 1014483 - SW846 3545A										
Blank (1014483-BLK1)					Prepared: 09-Jul-10 Analyzed: 10-Jul-10					
Aroclor-1016	BRL		µg/kg wet	20.0						
Aroclor-1016 [2C]	BRL		µg/kg wet	20.0						
Aroclor-1221	BRL		µg/kg wet	20.0						
Aroclor-1221 [2C]	BRL		µg/kg wet	20.0						
Aroclor-1232	BRL		µg/kg wet	20.0						
Aroclor-1232 [2C]	BRL		µg/kg wet	20.0						
Aroclor-1242	BRL		µg/kg wet	20.0						
Aroclor-1242 [2C]	BRL		µg/kg wet	20.0						

Semivolatile Organic Compounds by GC - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 1014483 - SW846 3545A										
Blank (1014483-BLK1)					Prepared: 09-Jul-10 Analyzed: 10-Jul-10					
Aroclor-1248	BRL		µg/kg wet	20.0						
Aroclor-1248 [2C]	BRL		µg/kg wet	20.0						
Aroclor-1254	BRL		µg/kg wet	20.0						
Aroclor-1254 [2C]	BRL		µg/kg wet	20.0						
Aroclor-1260	BRL		µg/kg wet	20.0						
Aroclor-1260 [2C]	BRL		µg/kg wet	20.0						
Aroclor-1262	BRL		µg/kg wet	20.0						
Aroclor-1262 [2C]	BRL		µg/kg wet	20.0						
Aroclor-1268	BRL		µg/kg wet	20.0						
Aroclor-1268 [2C]	BRL		µg/kg wet	20.0						
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*17.1*		µg/kg wet		*20.0*		*86*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*17.3*		µg/kg wet		*20.0*		*86*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*19.1*		µg/kg wet		*20.0*		*96*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*23.9*		µg/kg wet		*20.0*		*120*	*30-150*		
LCS (1014483-BS1)					Prepared: 09-Jul-10 Analyzed: 10-Jul-10					
Aroclor-1016	280		µg/kg wet	20.0	250		112	50-140		
Aroclor-1016 [2C]	277		µg/kg wet	20.0	250		111	50-140		
Aroclor-1260	291		µg/kg wet	20.0	250		116	50-140		
Aroclor-1260 [2C]	248		µg/kg wet	20.0	250		99	50-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*20.4*		µg/kg wet		*20.0*		*102*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*20.3*		µg/kg wet		*20.0*		*102*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*24.8*		µg/kg wet		*20.0*		*124*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*24.6*		µg/kg wet		*20.0*		*123*	*30-150*		
LCS Dup (1014483-BSD1)					Prepared: 09-Jul-10 Analyzed: 10-Jul-10					
Aroclor-1016	265		µg/kg wet	20.0	250		106	50-140	5	30
Aroclor-1016 [2C]	271		µg/kg wet	20.0	250		109	50-140	2	30
Aroclor-1260	271		µg/kg wet	20.0	250		108	50-140	7	30
Aroclor-1260 [2C]	251		µg/kg wet	20.0	250		100	50-140	1	30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*19.5*		µg/kg wet		*20.0*		*98*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*19.5*		µg/kg wet		*20.0*		*98*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*22.8*		µg/kg wet		*20.0*		*114*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*26.1*		µg/kg wet		*20.0*		*131*	*30-150*		
Duplicate (1014483-DUP1)			Source: SB14714-14			Prepared: 09-Jul-10 Analyzed: 10-Jul-10				
Aroclor-1016	BRL		µg/kg dry	21.7		BRL				40
Aroclor-1221	BRL		µg/kg dry	21.7		BRL				40
Aroclor-1232	BRL		µg/kg dry	21.7		BRL				40
Aroclor-1242	BRL		µg/kg dry	21.7		BRL				40
Aroclor-1248	BRL		µg/kg dry	21.7		BRL				40
Aroclor-1254	BRL		µg/kg dry	21.7		BRL				40
Aroclor-1260	13.2	J	µg/kg dry	21.7		13.3			0.7	40
Aroclor-1262	BRL		µg/kg dry	21.7		BRL				40
Aroclor-1268	BRL		µg/kg dry	21.7		BRL				40
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*26.4*		µg/kg dry		*21.7*		*122*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*20.3*		µg/kg dry		*21.7*		*93*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*22.9*		µg/kg dry		*21.7*		*106*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*24.6*		µg/kg dry		*21.7*		*114*	*30-150*		
Matrix Spike (1014483-MS1)			Source: SB14714-14			Prepared: 09-Jul-10 Analyzed: 10-Jul-10				
Aroclor-1016	258		µg/kg dry	21.7	271	BRL	95	40-135		
Aroclor-1260	252		µg/kg dry	21.7	271	13.3	88	40-135		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*21.9*		µg/kg dry		*21.7*		*101*	*30-150*		

Semivolatile Organic Compounds by GC - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 1014483 - SW846 3545A										
Matrix Spike (1014483-MS1)			Source: SB14714-14		Prepared: 09-Jul-10 Analyzed: 10-Jul-10					
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*20.6*		µg/kg dry		*21.7*		*95*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*20.3*		µg/kg dry		*21.7*		*94*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*23.1*		µg/kg dry		*21.7*		*107*	*30-150*		
Matrix Spike Dup (1014483-MSD1)			Source: SB14714-14		Prepared: 09-Jul-10 Analyzed: 10-Jul-10					
Aroclor-1016	277		µg/kg dry	21.7	271	BRL	102	40-135	7	30
Aroclor-1260	290		µg/kg dry	21.7	271	13.3	102	40-135	15	30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*22.3*		µg/kg dry		*21.7*		*103*	*30-150*		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	*22.3*		µg/kg dry		*21.7*		*103*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr)	*21.0*		µg/kg dry		*21.7*		*97*	*30-150*		
Surrogate: Decachlorobiphenyl (Sr) [2C]	*25.1*		µg/kg dry		*21.7*		*116*	*30-150*		

Extractable Petroleum Hydrocarbons - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 1014295 - SW846 3510C										
Blank (1014295-BLK1)					Prepared: 07-Jul-10 Analyzed: 09-Jul-10					
Gasoline	BRL		mg/l	0.05						
Fuel Oil #2	BRL		mg/l	0.05						
Fuel Oil #4	BRL		mg/l	0.05						
Fuel Oil #6	BRL		mg/l	0.05						
Motor Oil	BRL		mg/l	0.05						
Aviation Fuel	BRL		mg/l	0.05						
Unidentified	BRL		mg/l	0.05						
Other Oil	BRL		mg/l	0.05						
Total Petroleum Hydrocarbons	BRL		mg/l	0.05						
C9-C36 Aliphatic Hydrocarbons	BRL		mg/l	0.05						
Surrogate: 1-Chlorooctadecane	*0.0312*		mg/l		*0.0500*		*62*	*50-150*		
LCS (1014295-BS1)					Prepared: 07-Jul-10 Analyzed: 09-Jul-10					
C9-C36 Aliphatic Hydrocarbons	0.9		mg/l	0.05	1.40		62	60-120		
Surrogate: 1-Chlorooctadecane	*0.0267*		mg/l		*0.0500*		*53*	*50-150*		
Batch 1014378 - SW846 3510C										
Blank (1014378-BLK1)					Prepared & Analyzed: 08-Jul-10					
Gasoline	BRL		mg/l	0.05						
Fuel Oil #2	BRL		mg/l	0.05						
Fuel Oil #4	BRL		mg/l	0.05						
Fuel Oil #6	BRL		mg/l	0.05						
Motor Oil	BRL		mg/l	0.05						
Aviation Fuel	BRL		mg/l	0.05						
Unidentified	BRL		mg/l	0.05						
Other Oil	BRL		mg/l	0.05						
Total Petroleum Hydrocarbons	BRL		mg/l	0.05						
C9-C36 Aliphatic Hydrocarbons	BRL		mg/l	0.05						
Surrogate: 1-Chlorooctadecane	*0.0281*		mg/l		*0.0500*		*56*	*50-150*		
LCS (1014378-BS1)					Prepared & Analyzed: 08-Jul-10					
C9-C36 Aliphatic Hydrocarbons	0.9		mg/l	0.05	1.40		64	60-120		
Surrogate: 1-Chlorooctadecane	*0.0262*		mg/l		*0.0500*		*52*	*50-150*		
Batch 1014476 - SW846 3545A										
Blank (1014476-BLK1)					Prepared: 09-Jul-10 Analyzed: 10-Jul-10					
Gasoline	BRL		mg/kg wet	13.3						
Fuel Oil #2	BRL		mg/kg wet	13.3						
Fuel Oil #4	BRL		mg/kg wet	13.3						
Fuel Oil #6	BRL		mg/kg wet	13.3						
Motor Oil	BRL		mg/kg wet	13.3						
Aviation Fuel	BRL		mg/kg wet	13.3						
Unidentified	BRL		mg/kg wet	13.3						
Other Oil	BRL		mg/kg wet	13.3						
Total Petroleum Hydrocarbons	BRL		mg/kg wet	13.3						
C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg wet	13.3						
Surrogate: 1-Chlorooctadecane	*2.64*		mg/kg wet		*3.33*		*79*	*50-150*		
LCS (1014476-BS1)					Prepared: 09-Jul-10 Analyzed: 10-Jul-10					
C9-C36 Aliphatic Hydrocarbons	74.3		mg/kg wet	13.3	93.3		80	60-120		
Surrogate: 1-Chlorooctadecane	*2.14*		mg/kg wet		*3.33*		*64*	*50-150*		
Duplicate (1014476-DUP1)			**Source: SB14714-06**		Prepared: 09-Jul-10 Analyzed: 10-Jul-10					
Gasoline	BRL		mg/kg dry	31.3		BRL				50
Fuel Oil #2	BRL		mg/kg dry	31.3		BRL				50

Extractable Petroleum Hydrocarbons - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 1014476 - SW846 3545A										
Duplicate (1014476-DUP1)			Source: SB14714-06		Prepared: 09-Jul-10 Analyzed: 10-Jul-10					
Fuel Oil #4	BRL		mg/kg dry	31.3		BRL				50
Fuel Oil #6	BRL		mg/kg dry	31.3		BRL				50
Motor Oil	BRL		mg/kg dry	31.3		BRL				50
Aviation Fuel	BRL		mg/kg dry	31.3		BRL				50
Unidentified	BRL		mg/kg dry	31.3		BRL				50
Other Oil	BRL		mg/kg dry	31.3		BRL				50
Total Petroleum Hydrocarbons	BRL		mg/kg dry	31.3		BRL				50
C9-C36 Aliphatic Hydrocarbons	BRL		mg/kg dry	31.3		BRL				50
Surrogate: 1-Chlorooctadecane	*3.46*		mg/kg dry		*3.92*		*88*	*50-150*		
Matrix Spike (1014476-MS1)			Source: SB14714-06		Prepared: 09-Jul-10 Analyzed: 10-Jul-10					
C9-C36 Aliphatic Hydrocarbons	77.8		mg/kg dry	15.7	110	BRL	71	50-150		
Surrogate: 1-Chlorooctadecane	*2.22*		mg/kg dry		*3.93*		*56*	*50-150*		
Matrix Spike Dup (1014476-MSD1)			Source: SB14714-06		Prepared: 09-Jul-10 Analyzed: 10-Jul-10					
C9-C36 Aliphatic Hydrocarbons	74.6		mg/kg dry	15.8	111	BRL	67	50-150	5	30
Surrogate: 1-Chlorooctadecane	*2.53*		mg/kg dry		*3.96*		*64*	*50-150*		

Total Metals by EPA 6000/7000 Series Methods - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 1014403 - SW846 3050B										
Blank (1014403-BLK1)					Prepared: 09-Jul-10 Analyzed: 12-Jul-10					
Lead	BRL		mg/kg wet	1.44						
Chromium	BRL		mg/kg wet	0.959						
Cadmium	BRL		mg/kg wet	0.479						
Arsenic	BRL		mg/kg wet	1.44						
Duplicate (1014403-DUP1)			Source: SB14714-14		Prepared: 09-Jul-10 Analyzed: 12-Jul-10					
Lead	122		mg/kg dry	1.60		108			13	20
Cadmium	0.924		mg/kg dry	0.534		0.838			10	20
Arsenic	2.33	QR6	mg/kg dry	1.60		1.71			31	20
Chromium	18.0		mg/kg dry	1.07		15.7			14	20
Matrix Spike (1014403-MS1)			Source: SB14714-16		Prepared: 09-Jul-10 Analyzed: 12-Jul-10					
Lead	352		mg/kg dry	1.56	130	248	80	75-125		
Cadmium	126		mg/kg dry	0.520	130	0.897	96	75-125		
Chromium	145		mg/kg dry	1.04	130	11.3	103	75-125		
Arsenic	117		mg/kg dry	1.56	130	1.11	89	75-125		
Matrix Spike Dup (1014403-MSD1)			Source: SB14714-16		Prepared: 09-Jul-10 Analyzed: 12-Jul-10					
Lead	311	QM8	mg/kg dry	1.49	124	248	51	75-125	12	20
Cadmium	119		mg/kg dry	0.497	124	0.897	95	75-125	6	20
Chromium	138		mg/kg dry	0.994	124	11.3	102	75-125	5	20
Arsenic	110		mg/kg dry	1.49	124	1.11	88	75-125	6	20
Post Spike (1014403-PS1)			Source: SB14714-16		Prepared: 09-Jul-10 Analyzed: 12-Jul-10					
Lead	380		mg/kg dry	1.54	128	248	103	80-120		
Chromium	146		mg/kg dry	1.02	128	11.3	105	80-120		
Arsenic	118		mg/kg dry	1.54	128	1.11	91	80-120		
Cadmium	126		mg/kg dry	0.512	128	0.897	98	80-120		
Reference (1014403-SRM1)					Prepared: 09-Jul-10 Analyzed: 12-Jul-10					
Lead	69.8		mg/kg wet	1.50	73.9		94	81.3-118.8		
Arsenic	62.0		mg/kg wet	1.50	70.8		88	82.6-117.4		
Cadmium	33.8		mg/kg wet	0.500	36.5		93	82.9-116.9		
Chromium	51.4		mg/kg wet	1.00	53.9		95	80.3-119		
Reference (1014403-SRM2)					Prepared: 09-Jul-10 Analyzed: 12-Jul-10					
Lead	70.4		mg/kg wet	1.50	72.3		97	81.3-118.8		
Chromium	51.7		mg/kg wet	1.00	52.7		98	80.3-119		
Arsenic	61.8		mg/kg wet	1.50	69.3		89	82.6-117.4		
Cadmium	33.5		mg/kg wet	0.500	35.7		94	82.9-116.9		
Batch 1014404 - EPA200/SW7000 Series										
Blank (1014404-BLK1)					Prepared: 09-Jul-10 Analyzed: 10-Jul-10					
Mercury	BRL		mg/kg wet	0.0297						
Duplicate (1014404-DUP1)			Source: SB14714-14		Prepared: 09-Jul-10 Analyzed: 10-Jul-10					
Mercury	0.0556		mg/kg dry	0.0309		0.0603			8	20
Matrix Spike (1014404-MS1)			Source: SB14714-16		Prepared: 09-Jul-10 Analyzed: 10-Jul-10					
Mercury	0.616		mg/kg dry	0.0331	0.459	0.0875	115	75-125		
Matrix Spike Dup (1014404-MSD1)			Source: SB14714-16		Prepared: 09-Jul-10 Analyzed: 10-Jul-10					
Mercury	0.520		mg/kg dry	0.0300	0.417	0.0875	104	75-125	17	20
Post Spike (1014404-PS1)			Source: SB14714-16		Prepared: 09-Jul-10 Analyzed: 10-Jul-10					
Mercury	0.585		mg/kg dry	0.0301	0.418	0.0875	119	80-120		
Reference (1014404-SRM1)					Prepared: 09-Jul-10 Analyzed: 10-Jul-10					
Mercury	6.11		mg/kg wet	0.600	6.41		95	71.5-128.1		
Batch 1014443 - SW846 3005A										
Blank (1014443-BLK1)					Prepared: 08-Jul-10 Analyzed: 09-Jul-10					
Lead	BRL		mg/l	0.0075						

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* Reportable Detection Limit BRL = Below Reporting Limit

Total Metals by EPA 6000/7000 Series Methods - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 1014443 - SW846 3005A										
Blank (1014443-BLK1)					Prepared: 08-Jul-10 Analyzed: 09-Jul-10					
Cadmium	BRL		mg/l	0.0025						
Chromium	BRL		mg/l	0.0050						
Arsenic	BRL		mg/l	0.0040						
LCS (1014443-BS1)					Prepared: 08-Jul-10 Analyzed: 09-Jul-10					
Lead	1.20		mg/l	0.0075	1.25		96	85-115		
Arsenic	1.18		mg/l	0.0040	1.25		95	85-115		
Cadmium	1.28		mg/l	0.0025	1.25		102	85-115		
Chromium	1.34		mg/l	0.0050	1.25		107	85-115		
LCS Dup (1014443-BSD1)					Prepared: 08-Jul-10 Analyzed: 09-Jul-10					
Lead	1.19		mg/l	0.0075	1.25		95	85-115	1	20
Arsenic	1.17		mg/l	0.0040	1.25		93	85-115	1	20
Chromium	1.32		mg/l	0.0050	1.25		105	85-115	2	20
Cadmium	1.26		mg/l	0.0025	1.25		100	85-115	2	20
Matrix Spike (1014443-MS1)			Source: SB14714-18		Prepared: 08-Jul-10 Analyzed: 09-Jul-10					
Lead	1.19		mg/l	0.0075	1.25	BRL	95	75-125		
Arsenic	1.19		mg/l	0.0040	1.25	0.0031	95	75-125		
Cadmium	1.26		mg/l	0.0025	1.25	0.0005	101	75-125		
Chromium	1.35		mg/l	0.0050	1.25	BRL	108	75-125		
Matrix Spike Dup (1014443-MSD1)			Source: SB14714-18		Prepared: 08-Jul-10 Analyzed: 09-Jul-10					
Lead	1.15		mg/l	0.0075	1.25	BRL	92	75-125	4	20
Arsenic	1.16		mg/l	0.0040	1.25	0.0031	92	75-125	3	20
Cadmium	1.23		mg/l	0.0025	1.25	0.0005	98	75-125	3	20
Chromium	1.31		mg/l	0.0050	1.25	BRL	105	75-125	3	20
Post Spike (1014443-PS1)			Source: SB14714-18		Prepared: 08-Jul-10 Analyzed: 09-Jul-10					
Lead	1.17		mg/l	0.0075	1.25	BRL	93	80-120		
Arsenic	1.18		mg/l	0.0040	1.25	0.0031	94	80-120		
Cadmium	1.25		mg/l	0.0025	1.25	0.0005	100	80-120		
Chromium	1.34		mg/l	0.0050	1.25	BRL	107	80-120		

Total Metals by EPA 200 Series Methods - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 1014444 - EPA200/SW7000 Series										
Blank (1014444-BLK1)					Prepared: 08-Jul-10 Analyzed: 09-Jul-10					
Mercury	BRL		mg/l	0.00030						
LCS (1014444-BS1)					Prepared: 08-Jul-10 Analyzed: 09-Jul-10					
Mercury	0.00462		mg/l	0.00030	0.00500		92	85-115		
Matrix Spike (1014444-MS1)			Source: SB14714-19		Prepared: 08-Jul-10 Analyzed: 09-Jul-10					
Mercury	0.00440		mg/l	0.00030	0.00500	BRL	88	75-125		
Matrix Spike Dup (1014444-MSD1)			Source: SB14714-19		Prepared: 08-Jul-10 Analyzed: 09-Jul-10					
Mercury	0.00438		mg/l	0.00030	0.00500	BRL	88	75-125	0.5	20
Post Spike (1014444-PS1)			Source: SB14714-19		Prepared: 08-Jul-10 Analyzed: 09-Jul-10					
Mercury	0.00452		mg/l	0.00030	0.00500	BRL	90	85-115		

SPLP Metals by EPA 1312 & 6000/7000 Series Methods - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 1015078 - SW846 3010A										
Blank (1015078-BLK1)					Prepared & Analyzed: 19-Jul-10					
Lead	BRL		mg/l	0.0150						
Chromium	BRL		mg/l	0.0100						
Cadmium	BRL		mg/l	0.0050						
LCS (1015078-BS1)					Prepared & Analyzed: 19-Jul-10					
Lead	2.68		mg/l	0.0150	2.50		107	85-115		
Cadmium	2.71		mg/l	0.0050	2.50		109	85-115		
Chromium	2.69		mg/l	0.0100	2.50		108	85-115		
LCS Dup (1015078-BSD1)					Prepared & Analyzed: 19-Jul-10					
Lead	2.60		mg/l	0.0150	2.50		104	85-115	3	20
Chromium	2.69		mg/l	0.0100	2.50		108	85-115	0.1	20
Cadmium	2.65		mg/l	0.0050	2.50		106	85-115	2	20
Duplicate (1015078-DUP1)			Source: SB14714-03		Prepared & Analyzed: 19-Jul-10					
Lead	BRL		mg/l	0.0150		BRL				20
Chromium	0.0036	J,QR8	mg/l	0.0100		0.0078			74	20
Batch 1015079 - EPA200/SW7000 Series										
Blank (1015079-BLK1)					Prepared & Analyzed: 19-Jul-10					
Mercury	BRL		mg/l	0.00020						
LCS (1015079-BS1)					Prepared & Analyzed: 19-Jul-10					
Mercury	0.00419		mg/l	0.00020	0.00500		84	56.1-122		
Duplicate (1015079-DUP1)			Source: SB14714-05		Prepared & Analyzed: 19-Jul-10					
Mercury	BRL		mg/l	0.00020		BRL				20
Matrix Spike (1015079-MS1)			Source: SB14714-08		Prepared & Analyzed: 19-Jul-10					
Mercury	0.00508		mg/l	0.00020	0.00500	0.00010	100	59.8-119		
Matrix Spike Dup (1015079-MSD1)			Source: SB14714-08		Prepared & Analyzed: 19-Jul-10					
Mercury	0.00488		mg/l	0.00020	0.00500	0.00010	96	59.8-119	4	20
Post Spike (1015079-PS1)			Source: SB14714-08		Prepared & Analyzed: 19-Jul-10					
Mercury	0.00471		mg/l	0.00020	0.00500	0.00010	92	72.4-113		
Batch 1015080 - SW846 3010A										
Blank (1015080-BLK1)					Prepared & Analyzed: 19-Jul-10					
Lead	BRL		mg/l	0.0150						
Chromium	BRL		mg/l	0.0100						
LCS (1015080-BS1)					Prepared & Analyzed: 19-Jul-10					
Lead	2.47		mg/l	0.0150	2.50		99	85-115		
Chromium	2.52		mg/l	0.0100	2.50		101	85-115		
LCS Dup (1015080-BSD1)					Prepared & Analyzed: 19-Jul-10					
Lead	2.46		mg/l	0.0150	2.50		99	85-115	0.2	20
Chromium	2.53		mg/l	0.0100	2.50		101	85-115	0.3	20
Duplicate (1015080-DUP1)			Source: SB14714-16		Prepared & Analyzed: 19-Jul-10					
Lead	0.0902	QR6	mg/l	0.0150		0.245			92	20
Chromium	0.0158	QR6	mg/l	0.0100		0.0094			51	20
Matrix Spike (1015080-MS1)			Source: SB14714-17		Prepared & Analyzed: 19-Jul-10					
Lead	2.61		mg/l	0.0150	2.50	0.0317	103	75-125		
Chromium	2.68		mg/l	0.0100	2.50	0.0166	106	75-125		
Matrix Spike Dup (1015080-MSD1)			Source: SB14714-17		Prepared & Analyzed: 19-Jul-10					
Lead	2.61		mg/l	0.0150	2.50	0.0317	103	75-125	0.08	20
Chromium	2.69		mg/l	0.0100	2.50	0.0166	107	75-125	0.3	20
Post Spike (1015080-PS1)			Source: SB14714-17		Prepared & Analyzed: 19-Jul-10					
Lead	2.66		mg/l	0.0150	2.50	0.0317	105	75-125		
Chromium	2.74		mg/l	0.0100	2.50	0.0166	109	75-125		

General Chemistry Parameters - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 1014320 - General Preparation										
Duplicate (1014320-DUP1)			Source: SB14714-13			Prepared & Analyzed: 07-Jul-10				
% Solids	78.7		%			82.1			4	20

Notes and Definitions

QM8	The spike recovery exceeded the QC control limits for the MS and/or MSD. The batch was accepted based upon acceptable PS and /or LCS recovery.
QM9	The spike recovery for this QC sample is outside the established control limits. The sample results for the QC batch were accepted based on LCS/LCSD or SRM recoveries within the control limits.
QR6	The RPD exceeded the QC control limits; however precision is demonstrated with acceptable RPD values for MS/MSD.
QR8	Analyses are not controlled on RPD values from sample concentrations that are less than 5 times the reporting level. The batch is accepted based upon the difference between the sample and duplicate is less than or equal to the reporting limit.
R01	The Reporting Limit has been raised to account for matrix interference.
R05	Elevated Reporting Limits due to the presence of high levels of non-target analytes.
SGC	Surrogate recovery outside of control limits. The data was accepted based on valid recovery of the remaining surrogate.
VOC8	Reporting limits reflect SW846 5030 extraction technique due to interference and/or QC issues using SW846 5035A extraction technique.
BRL	Below Reporting Limit - Analyte NOT DETECTED at or above the reporting limit
dry	Sample results reported on a dry weight basis
N	Not Reported
RPD	Relative Percent Difference
J	Detected but below the Reporting Limit; therefore, result is an estimated concentration (CLP J-Flag).

A plus sign (+) in the Method Reference column indicates the method is not accredited by NELAC.

Interpretation of Total Petroleum Hydrocarbon Report

Petroleum identification is determined by comparing the GC fingerprint obtained from the sample with a library of GC fingerprints obtained from analyses of various petroleum products. Possible match categories are as follows:

Gasoline - includes regular, unleaded, premium, etc.
Fuel Oil #2 - includes home heating oil, #2 fuel oil, and diesel
Fuel Oil #4 - includes #4 fuel oil
Fuel Oil #6 - includes #6 fuel oil and bunker "C" oil
Motor Oil - includes virgin and waste automobile oil
Ligroin - includes mineral spirits, petroleum naphtha, vm&p naphtha
Aviation Fuel - includes kerosene, Jet A and JP-4
Other Oil - includes lubricating and cutting oil, and silicon oil

At times, the unidentified petroleum product is quantified using a calibration that most closely approximates the distribution of compounds in the sample. When this occurs, the result is qualified as *TPH (Calculated as).

Laboratory Control Sample (LCS): A known matrix spiked with compound(s) representative of the target analytes, which is used to document laboratory performance.

Matrix Duplicate: An intra-laboratory split sample which is used to document the precision of a method in a given sample matrix.

Matrix Spike: An aliquot of a sample spiked with a known concentration of target analyte(s). The spiking occurs prior to sample preparation and analysis. A matrix spike is used to document the bias of a method in a given sample matrix.

Method Blank: An analyte-free matrix to which all reagents are added in the same volumes or proportions as used in sample processing. The method blank should be carried through the complete sample preparation and analytical procedure. The method blank is used to document contamination resulting from the analytical process.

Method Detection Limit (MDL): The minimum concentration of a substance that can be measured and reported with 99% confidence that the analyte concentration is greater than zero and is determined from analysis of a sample in a given matrix type containing the analyte.

Reportable Detection Limit (RDL): The lowest concentration that can be reliably achieved within specified limits of precision and accuracy during routine laboratory operating conditions. For many analytes the RDL analyte concentration is selected as the lowest non-zero standard in the calibration curve. While the RDL is approximately 5 to 10 times the MDL, the RDL for each sample takes into account the sample volume/weight, extract/digestate volume, cleanup procedures and, if applicable, dry weight correction. Sample RDLs are highly matrix-dependent.

Surrogate: An organic compound which is similar to the target analyte(s) in chemical composition and behavior in the analytical process, but which is not normally found in environmental samples. These compounds are spiked into all blanks, standards, and samples prior to analysis. Percent recoveries are calculated for each surrogate.

Continuing Calibration Verification: The calibration relationship established during the initial calibration must be verified at periodic

Validated by:
Hanibal C. Tayeh, Ph.D.
June O'Connor
Rebecca Merz

Reasonable Confidence Protocols
Laboratory Analysis
QA/QC Certification Form

Laboratory Name: Spectrum Analytical, Inc.

Client: Logical Environmental Solutions

Project Location: Sigourney St Station - Hartford, CT

Project Number: 171-305

Sampling Date(s):
7/1/2010

Laboratory Sample ID(s):
SB14714-01 through SB14714-22

RCP Methods Used:

+CT ETPH
EPA 200.7/3005A/6010
EPA 245.1/7470A
SW846 1312
SW846 1312/6010B
SW846 1312/7470A
SW846 6010B
SW846 7471A
SW846 8082
SW846 8260B/C
SW846 8270C/D

1	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CT DEP method-specific Reasonable Confidence Protocol documents?	✓ Yes	No
1A	Were the method specified preservation and holding time requirements met?	✓ Yes	No
1B	***VPH and EPH methods only***: Was the VPH or EPH method conducted without significant modifications (see Section 11.3 of respective RCP methods)?	Yes	No
2	Were all samples received by the laboratory in a condition consistent with that described on the associated chain-of-custody document(s)?	✓ Yes	No
3	Were samples received at an appropriate temperature?	✓ Yes	No
4	Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved?	Yes	✓ No
5	a) Were reporting limits specified or referenced on the chain-of-custody? * b) Were these reporting limits met? * ** Exceptions are defined by qualifiers*	✓ Yes ✓ Yes	No No
6	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?	Yes	✓ No
7	Are project-specific matrix spikes and laboratory duplicates included in this data set?	✓ Yes	No

Note: For all questions to which the response was "No" (with the exception of question #7), additional information must be provided in an attached narrative. If the answer to question #1, #1A, or #1B is "No", the data package does not meet the requirements for "Reasonable Confidence."

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for obtaining the information contained in this analytical report, such information is accurate and complete.

Hanibal C. Tayeh, Ph.D.
President/Laboratory Director
Date: 7/22/2010

This laboratory report is not valid without an authorized signature on the cover page.

* Reportable Detection Limit BRL = Below Reporting Limit

Evaluate Continuing Calibration Report

Data File : C:\msdchem\1\DATA\Fe...TPH15021610\CCV0216.D Vial: 53
Signal(s) : FID1A.CH
Acq On : 17 Feb 2010 7:45 am Operator: SHM
Sample : CCV0216 Inst : HP G1530A
Misc : 100ppb Aliphatic ICV Multiplr: 1.00
Integration File: events.e
Quant Time: Feb 17 12:23:46 2010
Quant Results File: T150216J.RES

Quant Method : C:\msdchem\1\METHODS\T150216J.M
Quant Title : TPH8100 CT-ETPH ME-DRO ALIPHATICS METHOD
QLast Update : Wed Feb 17 11:21:49 2010
Response via : Initial Calibration
DataAcq Meth:T150212I.M

Volume Inj. :
Signal Phase :
Signal Info :

-07
-08

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(Min)
2	TPH	C9-C36 Aliphatics	1.400	1.432	-2.3	100	0.00
8	T	C9-Nonae	100.000	111.365	-11.4	108	0.05
9	T	C10-Decane	100.000	110.589	-10.6	107	0.05
10	T	C12-Dodecane	100.000	108.263	-8.3	105	0.05
11	T M	C14-Tetradecane	100.000	105.394	-5.4	102	0.05
12	T	C16-Hexadecane	100.000	103.205	-3.2	100	0.05
13	T	C18-Octadecane	100.000	101.095	-1.1	98	0.05
14	T	C19-Nonadecane	100.000	100.162	-0.2	97	0.05
16	S	COD-1ChloroOctadec	-1.000	50.740	0.0	0	0.05
17	T M	C20-Eicosane	100.000	98.934	1.1	96	0.05
18	T	C22-Docosane	100.000	97.460	2.5	94	0.05
19	T	C24-Tetracosane	100.000	96.129	3.9	93	0.05
20	T	C26-Hecxacosane	100.000	96.146	3.9	93	0.05
21	T M	C28-Octacosane	100.000	96.382	3.6	94	0.05
22	T	C30-Triacontane	100.000	95.411	4.6	92	0.05
23	T	C36-Hexatriacontane	100.000	81.910	18.1	73	0.15

Evaluate Continuing Calibration Report - Not Founds

1	TPH	Gasoline	10.000	-0.287	102.9#	0	-1.50#
3	TPH	DRO (ME) C10-C28	10.000	-0.137	101.4#	0	-3.20#
4	TPH	#2 Fuel	10.000	-0.189	101.9#	0	-1.50#
5	TPH	#6 Fuel	10.000	-0.238	102.4#	0	-1.50#
6	TPH	Motor Oil/Other	10.000	-0.525	105.3#	0	-5.50#
7		ALPHATICS COMPOUNDS	-1.000	0.000	0.0	0	0.00
15	S	OTP	-1.000	0.719	0.0	0	-7.33#

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Evaluate Continuing Calibration Report

Data File : C:\msdchem\1\DATA\Ju...PH15070910\CC150709.D Vial: 4
Signal(s) : FID1A.CH
Acq On : 09 Jul 2010 5:05 pm
Sample : CC150709
Misc : 100ppb Aliphatic CCV
Integration File: events.e
Quant Time: Jul 12 09:08:43 2010
Quant Results File: T150216J.RES

Operator: SHM
Inst : HP G1530A
Multiplr: 1.00

Quant Method : C:\MSDCHEM\1\METHODS\T150216J.M
Quant Title : TPH8100 CT-ETPH ME-DRO ALIPHATICS METHOD
QLast Update : Fri Jul 02 09:00:07 2010
Response via : Initial Calibration
DataAcq Meth:T150216J.M

Volume Inj. :
Signal Phase :
Signal Info :

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(Min)
2	TPH C9-C36 Aliphatics	1.400	1.300	7.1	91	0.00
8	T C9-Nonae	100.000	94.561	5.4	91	0.00
9	T C10-Decane	100.000	93.758	6.2	91	0.00
10	T C12-Dodecane	100.000	91.404	8.6	88	0.00
11	T M C14-Tetradecane	100.000	89.411	10.6	87	0.00
12	T C16-Hexadecane	100.000	87.885	12.1	85	0.00
13	T C18-Octadecane	100.000	86.335	13.7	83	0.00
14	T C19-Nonadecane	100.000	84.956	15.0	82	0.00
16	S COD-1ChloroOctadec	-1.000	44.614	0.0	0	0.00
17	T M C20-Eicosane	100.000	83.477	16.5	81	0.00
18	T C22-Docosane	100.000	80.773	19.2	78	0.00
19	T C24-Tetracosane	100.000	80.539	19.5	78	0.00
20	T C26-Hecxacosane	100.000	80.287	19.7	78	0.00
21	T M C28-Octacosane	100.000	80.779	19.2	79	0.00
22	T C30-Triacontane	100.000	81.522	18.5	79	0.01
23	T C36-Hexatriacontane	100.000	80.342	19.7	72	0.00

Evaluate Continuing Calibration Report - Not Founds

1	TPH Gasoline	10.000	-0.287	102.9#	0	-1.50#
3	TPH DRO (ME) C10-C28	10.000	-0.137	101.4#	0	-3.20#
4	TPH #2 Fuel	10.000	-0.189	101.9#	0	-1.50#
5	TPH #6 Fuel	10.000	-0.238	102.4#	0	-1.50#
6	TPH Motor Oil/Other	10.000	-0.525	105.3#	0	-5.50#
7	ALPHATICS COMPOUNDS	-1.000	0.000	0.0	0	0.00
15	S OTP	-1.000	0.719	0.0	0	-7.20#

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Evaluate Continuing Calibration Report

Data File : C:\msdchem\1\DATA\Fe...TPH15021610\CCV0216.D Vial: 53
Signal(s) : FID1A.CH
Acq On : 17 Feb 2010 7:45 am
Sample : CCV0216
Misc : 100ppb Aliphatic ICV
Integration File: events.e
Quant Time: Feb 17 12:23:46 2010
Quant Results File: T150216J.RES

Operator: SHM
Inst : HP G1530A
Multiplr: 1.00

Quant Method : C:\msdchem\1\METHODS\T150216J.M
Quant Title : TPH8100 CT-ETPH ME-DRO ALIPHATICS METHOD
QLast Update : Wed Feb 17 11:21:49 2010
Response via : Initial Calibration
DataAcq Meth:T150212I.M

Volume Inj. :
Signal Phase :
Signal Info :

-07
-08

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(Min)
2	TPH C9-C36 Aliphatics	1.400	1.432	-2.3	100	0.00
8	T C9-Nonae	100.000	111.365	-11.4	108	0.05
9	T C10-Decane	100.000	110.589	-10.6	107	0.05
10	T C12-Dodecane	100.000	108.263	-8.3	105	0.05
11	T M C14-Tetradecane	100.000	105.394	-5.4	102	0.05
12	T C16-Hexadecane	100.000	103.205	-3.2	100	0.05
13	T C18-Octadecane	100.000	101.095	-1.1	98	0.05
14	T C19-Nonadecane	100.000	100.162	-0.2	97	0.05
16	S COD-1ChloroOctadec	-1.000	50.740	0.0	0	0.05
17	T M C20-Eicosane	100.000	98.934	1.1	96	0.05
18	T C22-Docosane	100.000	97.460	2.5	94	0.05
19	T C24-Tetracosane	100.000	96.129	3.9	93	0.05
20	T C26-Hecxacosane	100.000	96.146	3.9	93	0.05
21	T M C28-Octacosane	100.000	96.382	3.6	94	0.05
22	T C30-Triacontane	100.000	95.411	4.6	92	0.05
23	T C36-Hexatriacontane	100.000	81.910	18.1	73	0.15

Evaluate Continuing Calibration Report - Not Founds

1	TPH Gasoline	10.000	-0.287	102.9#	0	-1.50#
3	TPH DRO (ME) C10-C28	10.000	-0.137	101.4#	0	-3.20#
4	TPH #2 Fuel	10.000	-0.189	101.9#	0	-1.50#
5	TPH #6 Fuel	10.000	-0.238	102.4#	0	-1.50#
6	TPH Motor Oil/Other	10.000	-0.525	105.3#	0	-5.50#
7	ALPHATICS COMPOUNDS	-1.000	0.000	0.0	0	0.00
15	S OTP	-1.000	0.719	0.0	0	-7.33#

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Evaluate Continuing Calibration Report

Data File : C:\msdchem\1\DATA\Ju...PH15070910\MC150709.D Vial: 27
Signal(s) : FID1A.CH
Acq On : 10 Jul 2010 2:12 am
Sample : MC150709
Misc : 100ppb Aliphatic CCV
Integration File: events.e
Quant Time: Jul 12 09:09:24 2010
Quant Results File: T150216J.RES

Operator: SHM
Inst : HP G1530A
Multiplr: 1.00

Quant Method : C:\MSDCHEM\1\METHODS\T150216J.M
Quant Title : TPH8100 CT-ETPH ME-DRO ALIPHATICS METHOD
QLast Update : Fri Jul 02 09:00:07 2010
Response via : Initial Calibration
DataAcq Meth:T150216J.M

Volume Inj. :
Signal Phase :
Signal Info :

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(Min)
2	TPH C9-C36 Aliphatics	1.400	1.282	8.4	90	0.00
8	T C9-Nonae	100.000	93.954	6.0	91	0.00
9	T C10-Decane	100.000	93.203	6.8	90	0.00
10	T C12-Dodecane	100.000	90.758	9.2	88	0.00
11	T M C14-Tetradecane	100.000	89.113	10.9	86	0.00
12	T C16-Hexadecane	100.000	88.051	11.9	85	0.00
13	T C18-Octadecane	100.000	86.386	13.6	84	0.00
14	T C19-Nonadecane	100.000	85.015	15.0	82	0.00
16	S COD-1ChloroOctadec	-1.000	44.861	0.0	0	0.00
17	T M C20-Eicosane	100.000	83.648	16.4	81	0.00
18	T C22-Docosane	100.000	81.081	18.9	79	0.00
19	T C24-Tetracosane	100.000	81.476	18.5	79	0.00
20	T C26-Hecxacosane	100.000	84.179	15.8	82	-0.01
21	T M C28-Octacosane	100.000	80.695	19.3	78	-0.02
22	T C30-Triacontane	100.000	87.902	12.1	85	-0.03
23	T C36-Hexatriacontane	100.000	81.874	18.1	73	-0.06

Evaluate Continuing Calibration Report - Not Founds

1	TPH Gasoline	10.000	-0.287	102.9#	0	-1.50#
3	TPH DRO (ME) C10-C28	10.000	-0.137	101.4#	0	-3.20#
4	TPH #2 Fuel	10.000	-0.189	101.9#	0	-1.50#
5	TPH #6 Fuel	10.000	-0.238	102.4#	0	-1.50#
6	TPH Motor Oil/Other	10.000	-0.525	105.3#	0	-5.50#
7	ALPHATICS COMPOUNDS	-1.000	0.000	0.0	0	0.00
15	S OTP	-1.000	0.719	0.0	0	-7.20#

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Evaluate Continuing Calibration Report

Data File : C:\msdchem\1\DATA\Ju...TPH15070910\MC20709.D Vial: 53
Signal(s) : FID1A.CH
Acq On : 10 Jul 2010 12:30 pm
Sample : MC20709
Misc : 100ppb Aliphatic CCV
Integration File: events.e
Quant Time: Jul 12 08:09:10 2010
Quant Results File: T150216J.RES

Operator: SHM
Inst : HP G1530A
Multiplr: 1.00

Quant Method : C:\MSDCHEM\1\METHODS\T150216J.M
Quant Title : TPH8100 CT-ETPH ME-DRO ALIPHATICS METHOD
QLast Update : Fri Jul 02 09:00:07 2010
Response via : Initial Calibration
DataAcq Meth:T150216J.M

Volume Inj. :
Signal Phase :
Signal Info :

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(Min)
2	TPH C9-C36 Aliphatics	1.400	1.304	6.9	91	0.00
8	T C9-Nonae	100.000	95.967	4.0	93	0.00
9	T C10-Decane	100.000	95.178	4.8	92	0.00
10	T C12-Dodecane	100.000	92.942	7.1	90	0.00
11	T M C14-Tetradecane	100.000	91.104	8.9	88	0.00
12	T C16-Hexadecane	100.000	90.109	9.9	87	0.00
13	T C18-Octadecane	100.000	88.560	11.4	86	0.00
14	T C19-Nonadecane	100.000	87.465	12.5	85	0.00
16	S COD-1ChloroOctadec	-1.000	46.410	0.0	0	0.00
17	T M C20-Eicosane	100.000	86.201	13.8	83	0.00
18	T C22-Docosane	100.000	84.006	16.0	81	0.00
19	T C24-Tetracosane	100.000	82.396	17.6	80	0.00
20	T C26-Hecxacosane	100.000	81.048	19.0	79	-0.01
21	T M C28-Octacosane	100.000	80.673	19.3	78	-0.02
22	T C30-Triacontane	100.000	80.131	19.9	78	-0.03
23	T C36-Hexatriacontane	100.000	81.596	18.4	73	-0.05

Evaluate Continuing Calibration Report - Not Founds

1	TPH Gasoline	10.000	-0.287	102.9#	0	-1.50#
3	TPH DRO (ME) C10-C28	10.000	-0.137	101.4#	0	-3.20#
4	TPH #2 Fuel	10.000	-0.189	101.9#	0	-1.50#
5	TPH #6 Fuel	10.000	-0.238	102.4#	0	-1.50#
6	TPH Motor Oil/Other	10.000	-0.525	105.3#	0	-5.50#
7	ALPHATICS COMPOUNDS	-1.000	0.000	0.0	0	0.00
15	S OTP	-1.000	0.719	0.0	0	-7.20#

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Evaluate Continuing Calibration Report

Data File : C:\msdchem\1\DATA\Ju...PH15071210\CC150712.D Vial: 4
Signal(s) : FID1A.CH
Acq On : 12 Jul 2010 9:25 am
Sample : CC150712
Misc : 100ppb Aliphatic CCV
Integration File: events.e
Quant Time: Jul 12 14:38:56 2010
Quant Results File: T150216J.RES

Operator: SHM
Inst : HP G1530A
Multiplr: 1.00

Quant Method : C:\MSDCHEM\1\METHODS\T150216J.M
Quant Title : TPH8100 CT-ETPH ME-DRO ALIPHATICS METHOD
QLast Update : Fri Jul 02 09:00:07 2010
Response via : Initial Calibration
DataAcq Meth:T150216J.M

Volume Inj. :
Signal Phase :
Signal Info :

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(Min)
2	TPH C9-C36 Aliphatics	1.400	1.520	-8.6	106	0.00
8	T C9-Nonae	100.000	106.602	-6.6	103	0.00
9	T C10-Decane	100.000	106.048	-6.0	103	0.00
10	T C12-Dodecane	100.000	104.332	-4.3	101	0.00
11	T M C14-Tetradecane	100.000	102.585	-2.6	99	0.00
12	T C16-Hexadecane	100.000	100.860	-0.9	98	0.00
13	T C18-Octadecane	100.000	98.159	1.8	95	0.00
14	T C19-Nonadecane	100.000	96.389	3.6	93	0.00
16	S COD-1ChloroOctadec	-1.000	45.349	0.0	0	0.00
17	T M C20-Eicosane	100.000	94.338	5.7	91	0.00
18	T C22-Docosane	100.000	90.402	9.6	88	0.00
19	T C24-Tetracosane	100.000	87.496	12.5	85	0.00
20	T C26-Hecxacosane	100.000	85.547	14.5	83	0.00
21	T M C28-Octacosane	100.000	84.624	15.4	82	0.00
22	T C30-Triacontane	100.000	83.695	16.3	81	0.00
23	T C36-Hexatriacontane	100.000	84.622	15.4	76	0.00

Evaluate Continuing Calibration Report - Not Founds

1	TPH Gasoline	10.000	-0.287	102.9#	0	-1.50#
3	TPH DRO (ME) C10-C28	10.000	-0.137	101.4#	0	-3.20#
4	TPH #2 Fuel	10.000	-0.189	101.9#	0	-1.50#
5	TPH #6 Fuel	10.000	-0.238	102.4#	0	-1.50#
6	TPH Motor Oil/Other	10.000	-0.525	105.3#	0	-5.50#
7	ALPHATICS COMPOUNDS	-1.000	0.000	0.0	0	0.00
15	S OTP	-1.000	0.719	0.0	0	-7.20#

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Evaluate Continuing Calibration Report

Data File : C:\msdchem\1\DATA\Fe...TPH15021610\CCV0216.D Vial: 53
Signal(s) : FID1A.CH
Acq On : 17 Feb 2010 7:45 am
Sample : CCV0216
Misc : 100ppb Aliphatic ICV
Integration File: events.e
Quant Time: Feb 17 12:23:46 2010
Quant Results File: T150216J.RES

Operator: SHM
Inst : HP G1530A
Multiplr: 1.00

Quant Method : C:\msdchem\1\METHODS\T150216J.M
Quant Title : TPH8100 CT-ETPH ME-DRO ALIPHATICS METHOD
QLast Update : Wed Feb 17 11:21:49 2010
Response via : Initial Calibration
DataAcq Meth:T150212I.M

Volume Inj. :
Signal Phase :
Signal Info :

-07
-08

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(Min)
2	TPH C9-C36 Aliphatics	1.400	1.432	-2.3	100	0.00
8	T C9-Nonae	100.000	111.365	-11.4	108	0.05
9	T C10-Decane	100.000	110.589	-10.6	107	0.05
10	T C12-Dodecane	100.000	108.263	-8.3	105	0.05
11	T M C14-Tetradecane	100.000	105.394	-5.4	102	0.05
12	T C16-Hexadecane	100.000	103.205	-3.2	100	0.05
13	T C18-Octadecane	100.000	101.095	-1.1	98	0.05
14	T C19-Nonadecane	100.000	100.162	-0.2	97	0.05
16	S COD-1ChloroOctadec	-1.000	50.740	0.0	0	0.05
17	T M C20-Eicosane	100.000	98.934	1.1	96	0.05
18	T C22-Docosane	100.000	97.460	2.5	94	0.05
19	T C24-Tetracosane	100.000	96.129	3.9	93	0.05
20	T C26-Hecxacosane	100.000	96.146	3.9	93	0.05
21	T M C28-Octacosane	100.000	96.382	3.6	94	0.05
22	T C30-Triacontane	100.000	95.411	4.6	92	0.05
23	T C36-Hexatriacontane	100.000	81.910	18.1	73	0.15

Evaluate Continuing Calibration Report - Not Founds

1	TPH Gasoline	10.000	-0.287	102.9#	0	-1.50#
3	TPH DRO (ME) C10-C28	10.000	-0.137	101.4#	0	-3.20#
4	TPH #2 Fuel	10.000	-0.189	101.9#	0	-1.50#
5	TPH #6 Fuel	10.000	-0.238	102.4#	0	-1.50#
6	TPH Motor Oil/Other	10.000	-0.525	105.3#	0	-5.50#
7	ALPHATICS COMPOUNDS	-1.000	0.000	0.0	0	0.00
15	S OTP	-1.000	0.719	0.0	0	-7.33#

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Evaluate Continuing Calibration Report

Data File : C:\msdchem\1\DATA\Ju...PH15070910\CC150709.D Vial: 4
Signal(s) : FID1A.CH
Acq On : 09 Jul 2010 5:05 pm
Sample : CC150709
Misc : 100ppb Aliphatic CCV
Integration File: events.e
Quant Time: Jul 12 09:08:43 2010
Quant Results File: T150216J.RES

Operator: SHM
Inst : HP G1530A
Multiplr: 1.00

Quant Method : C:\MSDCHEM\1\METHODS\T150216J.M
Quant Title : TPH8100 CT-ETPH ME-DRO ALIPHATICS METHOD
QLast Update : Fri Jul 02 09:00:07 2010
Response via : Initial Calibration
DataAcq Meth:T150216J.M

Volume Inj. :
Signal Phase :
Signal Info :

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(Min)
2	TPH C9-C36 Aliphatics	1.400	1.300	7.1	91	0.00
8	T C9-Nonae	100.000	94.561	5.4	91	0.00
9	T C10-Decane	100.000	93.758	6.2	91	0.00
10	T C12-Dodecane	100.000	91.404	8.6	88	0.00
11	T M C14-Tetradecane	100.000	89.411	10.6	87	0.00
12	T C16-Hexadecane	100.000	87.885	12.1	85	0.00
13	T C18-Octadecane	100.000	86.335	13.7	83	0.00
14	T C19-Nonadecane	100.000	84.956	15.0	82	0.00
16	S COD-1ChloroOctadec	-1.000	44.614	0.0	0	0.00
17	T M C20-Eicosane	100.000	83.477	16.5	81	0.00
18	T C22-Docosane	100.000	80.773	19.2	78	0.00
19	T C24-Tetracosane	100.000	80.539	19.5	78	0.00
20	T C26-Hecxacosane	100.000	80.287	19.7	78	0.00
21	T M C28-Octacosane	100.000	80.779	19.2	79	0.00
22	T C30-Triacontane	100.000	81.522	18.5	79	0.01
23	T C36-Hexatriacontane	100.000	80.342	19.7	72	0.00

Evaluate Continuing Calibration Report - Not Founds

1	TPH Gasoline	10.000	-0.287	102.9#	0	-1.50#
3	TPH DRO (ME) C10-C28	10.000	-0.137	101.4#	0	-3.20#
4	TPH #2 Fuel	10.000	-0.189	101.9#	0	-1.50#
5	TPH #6 Fuel	10.000	-0.238	102.4#	0	-1.50#
6	TPH Motor Oil/Other	10.000	-0.525	105.3#	0	-5.50#
7	ALPHATICS COMPOUNDS	-1.000	0.000	0.0	0	0.00
15	S OTP	-1.000	0.719	0.0	0	-7.20#

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Evaluate Continuing Calibration Report

Data File : C:\msdchem\1\DATA\Fe...TPH15021610\CCV0216.D Vial: 53
Signal(s) : FID1A.CH
Acq On : 17 Feb 2010 7:45 am
Sample : CCV0216
Misc : 100ppb Aliphatic ICV
Integration File: events.e
Quant Time: Feb 17 12:23:46 2010
Quant Results File: T150216J.RES

Operator: SHM
Inst : HP G1530A
Multiplr: 1.00

Quant Method : C:\msdchem\1\METHODS\T150216J.M
Quant Title : TPH8100 CT-ETPH ME-DRO ALIPHATICS METHOD
QLast Update : Wed Feb 17 11:21:49 2010
Response via : Initial Calibration
DataAcq Meth:T150212I.M

Volume Inj. :
Signal Phase :
Signal Info :

-07
-08

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(Min)
2	TPH C9-C36 Aliphatics	1.400	1.432	-2.3	100	0.00
8	T C9-Nonae	100.000	111.365	-11.4	108	0.05
9	T C10-Decane	100.000	110.589	-10.6	107	0.05
10	T C12-Dodecane	100.000	108.263	-8.3	105	0.05
11	T M C14-Tetradecane	100.000	105.394	-5.4	102	0.05
12	T C16-Hexadecane	100.000	103.205	-3.2	100	0.05
13	T C18-Octadecane	100.000	101.095	-1.1	98	0.05
14	T C19-Nonadecane	100.000	100.162	-0.2	97	0.05
16	S COD-1ChloroOctadec	-1.000	50.740	0.0	0	0.05
17	T M C20-Eicosane	100.000	98.934	1.1	96	0.05
18	T C22-Docosane	100.000	97.460	2.5	94	0.05
19	T C24-Tetracosane	100.000	96.129	3.9	93	0.05
20	T C26-Hecxacosane	100.000	96.146	3.9	93	0.05
21	T M C28-Octacosane	100.000	96.382	3.6	94	0.05
22	T C30-Triacontane	100.000	95.411	4.6	92	0.05
23	T C36-Hexatriacontane	100.000	81.910	18.1	73	0.15

Evaluate Continuing Calibration Report - Not Founds

1	TPH Gasoline	10.000	-0.287	102.9#	0	-1.50#
3	TPH DRO (ME) C10-C28	10.000	-0.137	101.4#	0	-3.20#
4	TPH #2 Fuel	10.000	-0.189	101.9#	0	-1.50#
5	TPH #6 Fuel	10.000	-0.238	102.4#	0	-1.50#
6	TPH Motor Oil/Other	10.000	-0.525	105.3#	0	-5.50#
7	ALPHATICS COMPOUNDS	-1.000	0.000	0.0	0	0.00
15	S OTP	-1.000	0.719	0.0	0	-7.33#

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Evaluate Continuing Calibration Report

Data File : C:\msdchem\1\DATA\Ju...PH15070910\MC150709.D Vial: 27
Signal(s) : FID1A.CH
Acq On : 10 Jul 2010 2:12 am
Sample : MC150709
Misc : 100ppb Aliphatic CCV
Integration File: events.e
Quant Time: Jul 12 09:09:24 2010
Quant Results File: T150216J.RES

Operator: SHM
Inst : HP G1530A
Multiplr: 1.00

Quant Method : C:\MSDCHEM\1\METHODS\T150216J.M
Quant Title : TPH8100 CT-ETPH ME-DRO ALIPHATICS METHOD
QLast Update : Fri Jul 02 09:00:07 2010
Response via : Initial Calibration
DataAcq Meth:T150216J.M

Volume Inj. :
Signal Phase :
Signal Info :

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(Min)
2	TPH C9-C36 Aliphatics	1.400	1.282	8.4	90	0.00
8	T C9-Nonae	100.000	93.954	6.0	91	0.00
9	T C10-Decane	100.000	93.203	6.8	90	0.00
10	T C12-Dodecane	100.000	90.758	9.2	88	0.00
11	T M C14-Tetradecane	100.000	89.113	10.9	86	0.00
12	T C16-Hexadecane	100.000	88.051	11.9	85	0.00
13	T C18-Octadecane	100.000	86.386	13.6	84	0.00
14	T C19-Nonadecane	100.000	85.015	15.0	82	0.00
16	S COD-1ChloroOctadec	-1.000	44.861	0.0	0	0.00
17	T M C20-Eicosane	100.000	83.648	16.4	81	0.00
18	T C22-Docosane	100.000	81.081	18.9	79	0.00
19	T C24-Tetracosane	100.000	81.476	18.5	79	0.00
20	T C26-Hecxacosane	100.000	84.179	15.8	82	-0.01
21	T M C28-Octacosane	100.000	80.695	19.3	78	-0.02
22	T C30-Triacontane	100.000	87.902	12.1	85	-0.03
23	T C36-Hexatriacontane	100.000	81.874	18.1	73	-0.06

Evaluate Continuing Calibration Report - Not Founds

1	TPH Gasoline	10.000	-0.287	102.9#	0	-1.50#
3	TPH DRO (ME) C10-C28	10.000	-0.137	101.4#	0	-3.20#
4	TPH #2 Fuel	10.000	-0.189	101.9#	0	-1.50#
5	TPH #6 Fuel	10.000	-0.238	102.4#	0	-1.50#
6	TPH Motor Oil/Other	10.000	-0.525	105.3#	0	-5.50#
7	ALPHATICS COMPOUNDS	-1.000	0.000	0.0	0	0.00
15	S OTP	-1.000	0.719	0.0	0	-7.20#

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Evaluate Continuing Calibration Report

Data File : C:\msdchem\1\DATA\Ju...TPH15070910\MC20709.D Vial: 53
Signal(s) : FID1A.CH
Acq On : 10 Jul 2010 12:30 pm
Sample : MC20709
Misc : 100ppb Aliphatic CCV
Integration File: events.e
Quant Time: Jul 12 08:09:10 2010
Quant Results File: T150216J.RES

Operator: SHM
Inst : HP G1530A
Multiplr: 1.00

Quant Method : C:\MSDCHEM\1\METHODS\T150216J.M
Quant Title : TPH8100 CT-ETPH ME-DRO ALIPHATICS METHOD
QLast Update : Fri Jul 02 09:00:07 2010
Response via : Initial Calibration
DataAcq Meth:T150216J.M

Volume Inj. :
Signal Phase :
Signal Info :

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(Min)
2	TPH C9-C36 Aliphatics	1.400	1.304	6.9	91	0.00
8	T C9-Nonae	100.000	95.967	4.0	93	0.00
9	T C10-Decane	100.000	95.178	4.8	92	0.00
10	T C12-Dodecane	100.000	92.942	7.1	90	0.00
11	T M C14-Tetradecane	100.000	91.104	8.9	88	0.00
12	T C16-Hexadecane	100.000	90.109	9.9	87	0.00
13	T C18-Octadecane	100.000	88.560	11.4	86	0.00
14	T C19-Nonadecane	100.000	87.465	12.5	85	0.00
16	S COD-1ChloroOctadec	-1.000	46.410	0.0	0	0.00
17	T M C20-Eicosane	100.000	86.201	13.8	83	0.00
18	T C22-Docosane	100.000	84.006	16.0	81	0.00
19	T C24-Tetracosane	100.000	82.396	17.6	80	0.00
20	T C26-Hecxacosane	100.000	81.048	19.0	79	-0.01
21	T M C28-Octacosane	100.000	80.673	19.3	78	-0.02
22	T C30-Triacontane	100.000	80.131	19.9	78	-0.03
23	T C36-Hexatriacontane	100.000	81.596	18.4	73	-0.05

Evaluate Continuing Calibration Report - Not Founds

1	TPH Gasoline	10.000	-0.287	102.9#	0	-1.50#
3	TPH DRO (ME) C10-C28	10.000	-0.137	101.4#	0	-3.20#
4	TPH #2 Fuel	10.000	-0.189	101.9#	0	-1.50#
5	TPH #6 Fuel	10.000	-0.238	102.4#	0	-1.50#
6	TPH Motor Oil/Other	10.000	-0.525	105.3#	0	-5.50#
7	ALPHATICS COMPOUNDS	-1.000	0.000	0.0	0	0.00
15	S OTP	-1.000	0.719	0.0	0	-7.20#

(#) = Out of Range SPCC's out = 0 CCC's out = 0

SB 14714

SPECTRUM ANALYTICAL, INC.
Formerly
HANIBAL TECHNOLOGY

CHAIN OF CUSTODY RECORD

Page 1 of 3

Special Handling:
☐ Standard TAT - 7 to 10 business days
☒ Rush TAT - Date Needed: 7/12
- All TATs subject to laboratory approval.
- Min. 24-hour notification needed for rushes.
- Samples disposed of after 60 days unless otherwise instructed. 3 DAY TAT

Report To: Cindy Knight
LES
354 S. River Rd.
Tolland CT 06084
Telephone #: 860 870 1780
Project Mgr. Michelle Malone - DTC

Invoice To: CTDOT - DAS Contact
c/o LES
Attn: C. Knight
Rush order # 7575
P.O. No.: RQN:

Project No.: 171-305
Site Name: Sigourney St. Station - Busway Project
Location: Hartford State: CT
Sampler(s): C. Knight

1=$Na_2S_2O_3$ 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=Ascorbic Acid 7=CH_3OH
8=$NaHSO_4$ 9=H_2O 10= 11=

List preservative code below:

QA/QC Reporting Notes: (check as needed)

DW=Drinking Water GW=Groundwater WW=Wastewater
O=Oil SW=Surface Water SO=Soil SL=Sludge A=Air
X1= X2= X3=

G=Grab C=Composite

Containers: # of VOA Vials, # of Amber Glass, # of Clear Glass, # of Plastic

Analysis: VOCs-8260, PAHs-8270, PCBs-8082, CT ETPH, Total Arsenic (CT Chromium), Mercury (7470)

☐ Provide MA DEP MCP CAM Report
☒ Provide CT DPH RCP Report
QA/QC Reporting Level
☒ Standard ☐ No QC
☐ Other

State specific reporting standards: CTDEP GA Pmc + RDEC SWPC + GPC

Lab Id:	Sample Id:	Date:	Time:	Type:	Matrix	# of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	VOCs-8260	PAHs-8270	PCBs-8082	CT ETPH	Total Arsenic (CT Chromium)	Mercury (7470)				
14714-01	SSB-1 2-4'	7-1-10	1:08 pm	C	SO	3	1			X	X	X	X	X	X				
02	SSB-1 4-8'		1:18 pm																
03	SSB-2 2-4'		9:06 am																
04	SSB-2 4-8'		9:15 am																
05	SSB-3 2-4'		9:35 am																
06	SSB-3 4-8'		9:43 am																
07	SSB-3 4-8' DUP		9:45 am																
08	SSB-4 2-4'		9:00 am																
09	SSB-4 4-8'		9:10 am																
10	SSB-5 2-4'		8:35 am																

Relinquished by:	Received by:	Date	Time	Temp °C
		7-1-2-10	11:30	1.3
		7/2/10	1830	1.6

☒ EDD Format PDF
☒ E-mail to ck@logicalenvironmental.com

☐ Ambient ☐ Iced ☐ Refrigerated ☐ Fridge temp ___ °C ☐ Freezer temp ___ °C

14714

SPECTRUM ANALYTICAL, INC.
Formerly
HANIBAL TECHNOLOGY

CHAIN OF CUSTODY RECORD

Page 2 of 3

Special Handling:
☐ Standard TAT - 7 to 10 business days
☒ Rush TAT - Date Needed: 7/12
- All TATs subject to laboratory approval.
- Min. 24-hour notification needed for rushes.
- Samples disposed of after 60 days unless otherwise instructed. 3 DAY TAT

Report To: C. Knight
LES
354 S. River Rd.
Tolland CT 06084
Telephone #: 860 870 1780
Project Mgr. Michelle Malone - DTC

Invoice To: CTDOT - DAS Contract
c/o LES
C. Knight
RUSH order #7575
P.O. No.: RQN:

Project No.: 171-305
Site Name: Sigourney St. Station - Busway Project
Location: Hartford State: CT
Sampler(s): C. Knight

1=$Na_2S_2O_3$ 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=Ascorbic Acid 7=CH_3OH
8= $NaHSO_4$ 9= H_2O 10= 11=
Enter last preservative code below: GW 2 GW 4 GW 4 Soil 9/4

DW=Drinking Water GW=Groundwater WW=Wastewater
O=Oil SW=Surface Water SO=Soil SL=Sludge A=Air
X1= X2= X3=

G=Grab C=Composite

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	# of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic		VOCs - 8260	PAHs - 8270	PCBs - 8082	CT ETPH	Total Arsenic, Lead, Cadmium, Chromium (Total)	Total Mercury (7471)	RCRA Reactivity	RCRA Corrosivity	
14714-11	SSB-5 4-8'	7-1-10	8:45 am	C	SO	3	1				X	X	X	X	X				
12	SSB-6 2-4'		10:15 am																
13	SSB-6 4-8'		10:24 am																
14	SSB-7 2-4'		11:14 am																
15	SSB-7 4-8'		11:24 am																
16	SSB-8 2-4'		12:37 pm																
17	SSB-8 4-8'		12:48 pm																
18	SSB-4 GW		8:00 am	G	GW		3		2		X	X	X	X	X	X			
19	SSB-4 GW DUP		8:00 am	G	GW		3		2										
20	SSB-6 GW		10:50 am	G	GW		3		2										

QA/QC Reporting Notes: (check as needed)
☐ Provide MA DEP MCP CAM Report
☒ Provide CT DPH RCP Report
QA/QC Reporting Level
☒ Standard ☐ No QC
☐ Other
State specific reporting standards: CTDEP GA PMC, RDEC, SWPC, GPC

May Run Dissolved metals if elevated total concentrations detected
500ml plastic filled marked

Relinquished by:	Received by:	Date:	Time:	Temp °C
[signature]	[signature]	7-2-10	11:30	3
[signature]	[signature]	7/2/10	1830	6.1

☒ EDD Format PDF
☒ E-mail to ck@logicalenvironmental.com

☐ Airbill ☐ Seal ☐ Refrigerant ☐ Trip temp ___°C ☐ Freezer temp ___°C

14714

SPECTRUM ANALYTICAL INC.
Partnering
HANNIBAL TECHNOLOGY

CHAIN OF CUSTODY RECORD

Page 3 of 3

Special Handling:
- ☐ Standard TAT - 7 to 10 business days
- ☒ Rush TAT - Date Needed: 7/12
- All TATs subject to laboratory approval.
- Min. 24-hour notification needed for rushes.
- Samples disposed of after 60 days unless otherwise instructed. 3 day TAT.

Report To: C. Knight
LES
354 S. River Rd.
Tolland CT 06084
Telephone #: 860870780
Project Mgr. Michelle Malone - DTC

Invoice To: CTDOT - DAS Contract
c/o LES
C. Knight
Rush order # 7575
P.O. No.: RQN:

Project No.: 171-305
Site Name: Sigourney St. Station - Busway Project
Location: Hartford State: CT
Sampler(s): C. Knight

1=$Na_2S_2O_3$ 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=Ascorbic Acid 7=CH_3OH
8=$NaHSO_4$ 9= 10= 11=

List preservative code below: 2 | 2 | 4 | 4

DW=Drinking Water GW=Groundwater WW=Wastewater
O=Oil SW=Surface Water SO=Soil SL=Sludge A=Air
X1= DI Water X2= X3=

G=Grab C=Composite

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	# of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic		VOCs - 8260	PAHs - 8270	PCBs - 8082	CT EPH	Total Arsenic, Lead, Cadmium, Chromium (RCP)	Total Mercury (TPH)			
14714-21	FB-1	7-1-10	12:15 pm	G	X1	3	3		1		X	X	X	X	X	X			
22	TB-1	↓	–	G	X1	1					X								

QA/QC Reporting Notes: (check as needed)
- ☐ Provide MA DEP MCP CAM Report
- ☒ Provide CT DPH RCP Report

QA/QC Reporting Level
- ☒ Standard ☐ No QC
- ☐ Other

State specific reporting standards: CDEP GPC + SWPC

Relinquished by:	Received by:	Date:	Time:	Temp °C
[signature]	[signature]	7-1-10	11:30	13
[signature]	[signature]	7/2/10	1830	[illegible]

☒ EDD Format PDF
☒ E-mail to ck@logicalenvironmental.com

☐ Airbill ☒ Hand ☐ Refrigerator ☐ Ice temp ___ °C ☐ Freezer temp ___ °C

SB 14714 02

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CHAIN OF CUSTODY RECORD

Page 1 of 3

Special Handling:
- ☐ Standard TAT - 7 to 10 business days
- ☒ Rush TAT - Date Needed: 7/12
- All TATs subject to laboratory approval.
- Min. 24-hour notification needed for rushes.
- Samples disposed of after 60 days unless otherwise instructed. 3 DAY TAT

Report To: Ginny Knight
LES
354 S. River Rd.
Tolland CT 06084
Telephone #: 860 870 1780
Project Mgr. Michelle Malone - DTC

Invoice To: CTDOT - DAS Contract
c/o LES
Attn: C. Knight
Rush order # 7575
P.O. No.: RQN:

Project No.: 171-305
Site Name: Sigourney St. Station - Quarry Project
Location: Hartford State: CT
Sampler(s): C. Knight

1=$Na_2S_2O_3$ 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=Ascorbic Acid 7=CH_3OH
8= $NaHSO_4$ 9= H_2O 10= 11= soils

List preservative code below:

QA/QC Reporting Notes: (check as needed)

DW=Drinking Water GW=Groundwater WW=Wastewater
O=Oil SW=Surface Water SO=Soil SL=Sludge A=Air
X1= X2= X3=

☐ Provide MA DEP MCP CAM Report
☒ Provide CT DPH RCP Report
QA/QC Reporting Level
☒ Standard ☐ No QC
☐ Other

State specific reporting standards: CTDEP GA PMC + RDEC

G=Grab C=Composite

Containers: Analysis:

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	# of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	VOCs - 8260	PAHs - 8270	PCBs - 8082	CT ETPH	Total Arsenic (Total Chromium)	Total Mercury (CTPH Pyrene)	SVOC + TPH	SVOC cd	SVOC Pb	
14714-01	SSB-1 2'-4'	7-1-10	1:08 pm	C	SO	3	1			X	X	X	X	X	X	X			SVOC + GRC
-02	SSB-1 4'-8'		1:18 pm													X	X		
-03	SSB-2 2'-4'		9:06 am													X			
-04	SSB-2 4'-8'		9:15 am													X	X		
-05	SSB-3 2'-4'		9:35 am													X		X	
-06	SSB-3 4'-8'		9:43 am													X			
-07	SSB-3 4'-8' DUP		9:45 am													X			ADDED
-08	SSB-4 2'-4'		7:00 am													X		X	ANALYSIS
-09	SSB-4 4'-8'		7:10 am													X	X		per client req
-10	SSB-5 2'-4'		8:35 am													X		X	7/14/10

Relinquished by:	Received by:	Date:	Time:	Temp °C
[signature]	[signature]	7-2-10	11:30	1.3
[signature]	[signature]	7/2/10	1830	1.6

☒ EDD Format: PDF
☒ E-mail to: ck@logicalenvironmental.com

☐ Airbill ☐ Seal ☐ Refrigerant ☐ Hole temp °C ☐ Freeze temp °C

14714

SPECTRUM ANALYTICAL, INC.
Featuring
HANNIBAL TECHNOLOGY

CHAIN OF CUSTODY RECORD

Page 2 of 3

Special Handling:
- ☐ Standard TAT - 7 to 10 business days
- ☒ Rush TAT - Date Needed: 7/12
- All TATs subject to laboratory approval.
- Min. 24-hour notification needed for rushes.
- Samples disposed of after 60 days unless otherwise instructed. 3 DAY TAT

Report To: C. Knight
LES
354 S. River Rd.
Tolland CT 06084
Telephone #: 860 870 1780
Project Mgr. Michelle Malone - DTC

Invoice To: CTDOT - DAS Contract
c/o LES
C. Knight
Rush order #7575
P.O. No.: RQN:

Project No.: 171-305
Site Name: Sigourney St. Station - Busway Project
Location: Hartford State: CT
Sampler(s): C Knight

1=$Na_2S_2O_3$ 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=Ascorbic Acid 7=CH_3OH 8=$NaHSO_4$ 9=H_2O 10= 11= List preservative code below: GW 2, Soil 9/7

DW=Drinking Water GW=Groundwater WW=Wastewater
O=Oil SW=Surface Water SO=Soil SL=Sludge A=Air
X1= X2= X3=

G=Grab C=Composite

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	# of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic		VOCs-8260	PAHs-8270	PCBs-8082	CT ETPH	Total Arsenic, Lead, Chromium (6010)	Total Mercury (7470)	Dissolved Metals (6010)	Lead (6010)	Total Cd	Total Cr	Total Pb	
14714-11	SSB-5 4'-8'	7-1-10	8:45 am	C	SO	3	1				X	X	X	X	X				X	X		
12	SSB-6 2'-4'		10:15 am																X			
13	SSB-6 4'-8'		10:24 am																X			
14	SSB-7 2'-4'		11:19 am																X			
15	SSB-7 4'-8'		11:29 am																X			
16	SSB-8 2'-4'		12:37 pm																X			
17	SSB-8 4'-8'		12:48 pm																X			
18	SSB-4 GW		8:00 am	G	GW		3		2		X	X	X	X	X	X						
19	SSB-4 GW DUP		8:00 am	G	GW		3		2													
20	SSB-6 GW		10:50 am	G	GW		3		2													

ADDED ANALYSIS per client req 7/1/10

May Run Dissolved Metals if elevated total concentrations detected. 500ml plastic, filtered marked

Relinquished by:	Received by:	Date:	Time:	Temp °C
		7-2-10	1730	10
		7/2/10	1830	11

☒ DD Format: PDF
☒ E-mail to: ck@logicalenvironmental.com

☐ Ambient ☒ Ice ☐ Refrigerated ☐ Freezer temp ___ °C ☐ Room temp ___ °C

QA/QC Reporting Notes: (check as needed)
- ☐ Provide MA DEP MCP CAM Report
- ☒ Provide CT DPH RCP Report
- QA/QC Reporting Level: ☒ Standard ☐ No QC
- ☐ Other

State specific reporting standards: CTDEP GA PMC & RDEC, SWPC & GPC

11 Almgren Drive - Agawam, MA 01001 - 413-789-9018 - FAX 413-789-4076 - www.spectrum-analytical.com

APPENDIX C

Data Tables & Sample Locations from Tetra Tech Rizzo's December 2009 Draft Task 210 Report

Table 1
Summary of Soil Sampling Analytical Data
Task 210: Sigourney and Hawthorne Intersection (Bus Station), Hartford, Connecticut

Sample Location Depth Interval (feet) Laboratory I.D. Sample Date	Remediation Standard Regulations (RSRs) Res DEC	I/C DEC	GB PMC	RSB-1 (1-4') SB03742-01 11/4/2009	RSB-2 (2-4') SB03742-07 11/4/2009	RSB-3 (2-4') SB03742-10 11/4/2009	RSB-3 (6-8') SB03742-11 11/4/2009	RSB-8 (1.5-4') SB03742-12 11/4/2009	RSB-8 (5-7') SB03742-13 11/4/2009	RSB-9 (2-4') SB03742-16 11/4/2009	RSB-9 (8-10') SB03742-17 11/4/2009
Volatile Organic Compounds (VOCs) by EPA Method 5035/8260 (ug/kg)											
Naphthalene	1,000,000	2,500,000	56,000	<5.5	<6.2	<2.7	9.0	<83.9	<10.3	<6.2	<9.4
Semi-Volatile Organic Compounds (SVOCs) by EPA Method 8270 (ug/kg)											
Benzo (a) anthracene	1,000	7,800	1,000	<177	<193	NA	232	<207	NA	<199	NA
Benzo (a) pyrene	1,000	1,000	1,000	<177	<193	NA	193	<207	NA	<199	NA
Chrysene	84,000	780,000	1,000	<177	<193	NA	216	<207	NA	<199	NA
Fluoranthene	1,000,000	2,500,000	56,000	<177	<193	NA	466	<207	NA	<199	NA
Phenanthrene	1,000,000	2,500,000	40,000	<177	<193	NA	276	<207	NA	<199	NA
Pyrene	1,000,000	2,500,000	40,000	<177	<193	NA	554	<207	NA	<199	NA
Polychlorinated Biphenyls (PCBs) by EPA Method 8082 (ug/kg)											
All PCB Analytes	1,000	10,000	NE	<21.0	<22.6	<22.3	NA	NA	<26.7	<23.4	NA
Extractable Total Petroleum Hydrocarbons (ETPH) by the Connecticut Method (mg/kg)											
ETPH	500	2,500	2,500	<14.2	31.5	465	64.7	50.5	<35.9	<16.1	<38.9
Total RCRA 8 Metals (mg/kg)											
Arsenic	10	10	NE	1.81	2.20	1.74	<1.62	4.82	2.19	2.24	2.56
Barium	4,700	140,000	NE	73.4	109	46.0	38.1	127	230	107	161
Cadmium	34	1,000	NE	<0.490	<0.509	<0.546	<0.539	1.60	0.709	<0.552	0.852
Chromium	NE	NE	NE	19.0	21.6	14.5	7.55	24.8	29.8	22.9	33.7
Lead	400	1,000	NE	45.3	104	11.2	4.64	48.3	10.2	7.24	11.7
Mercury	20	610	NE	0.0367	0.0765	<0.0322	<0.0309	0.0688	<0.0368	<0.0326	<0.0410
Selenium	340	10,000	NE	3.35	4.06	2.22	1.62	3.80	4.43	3.81	5.22
Silver	340	10,000	NE	2.22	3.07	<1.64	<1.62	3.86	4.90	4.74	4.90
SPLP RCRA 8 Metals (mg/L)											
Arsenic	NE	NE	0.5	<0.0080	<0.0080	<0.0080	<0.0080	<0.0080	<0.0080	<0.0080	<0.0080
Barium	NE	NE	10	<0.150	3.06	<0.150	<0.150	2.81	<0.150	<0.150	3.61
Cadmium	NE	NE	0.05	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Chromium	NE	NE	0.5	<0.0100	0.0128	0.0130	<0.0100	<0.0100	<0.0100	<0.0100	0.0102
Lead	NE	NE	0.15	<0.0150	0.0161	<0.0150	<0.0150	0.0238	<0.0150	<0.0150	<0.0150
Mercury	NE	NE	0.02	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020
Selenium	NE	NE	0.5	<0.0300	<0.0300	<0.0300	<0.0300	<0.0300	<0.0300	<0.0300	<0.0300
Silver	NE	NE	0.36	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100

Notes:
RES DEC = Residential Direct Exposure Criteria
I/C DEC = Industrial/Commercial Direct Exposure Criteria
GB PMC = Pollutant Mobility Criteria for Areas with GB Classified Groundwater
EPA = Environmental Protection Agency
RCRA = Resource Conservation and Recovery Act
SPLP = Synthetic Precipitation Leaching Procedure
NE = Not established. NA = Not Analyzed
Bold type indicates an exceedance of the regulatory criteria.
< = Not detected above laboratory reportable detection limits.
ug/kg = microgram per kilogram mg/kg = milligram per kilogram
ug/L = micrograms per liter mg/L = milligrams per liter

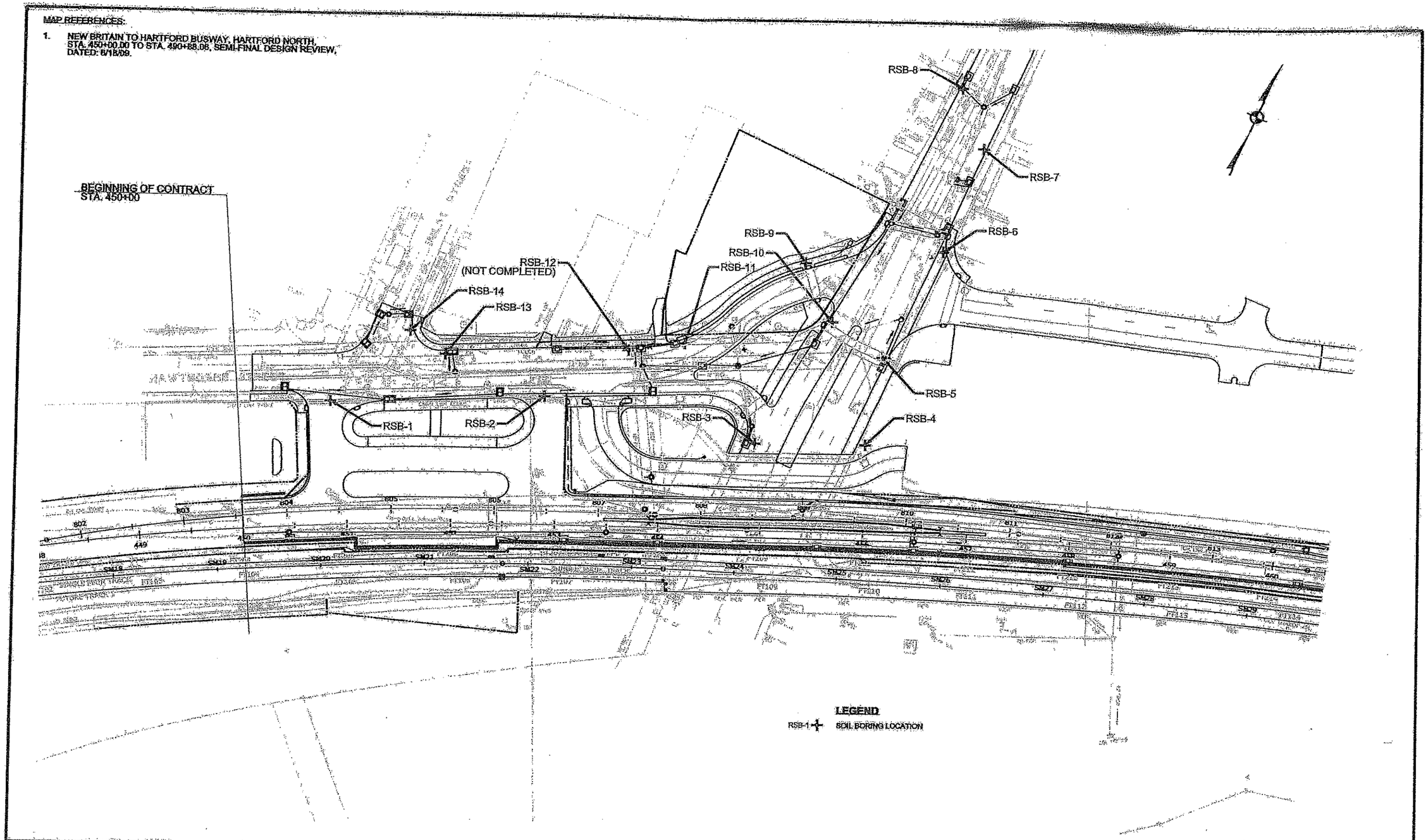
Table 2
Summary of Groundwater Sampling Analytical Data
Task 210: Sigourney and Hawthorne Intersection (Bus Station), Hartford, Connecticut

Sample Location Laboratory I.D Sample Date	Remediation Standard Regulations (RSRs): SWPC	Res VC	I/C VC	RSB-13 SB03742-04 11/4/2009
Volatile Organic Compounds (VOCs) by EPA Method 8260 (ug/L)				
Naphthalene	NE	NE	NE	1.1
Toulene	4,000,000	23,500/7,100	50,000/41,000	1.1
Semi-Volatile Organic Compounds (SVOCs) by EPA Method 8270 (ug/L)				
SVOCs	Varies	Varies	Varies	NA
Polychlorinated Biphenyls by EPA Method 8082 (ug/L)				
All PCBs	0.5	NE	NE	NA
Extractable Total Petroleum Hydrocarbons (ETPH) by the CT Method (mg/L)				
ETPH	NE	NE	NE	NA
Total RCRA 8 Metals by EPA 6000/7000 Series Methods (mg/L)				
Arsenic	0.004	NE	NE	NA
Barium	NE	NE	NE	NA
Cadmium	0.006	NE	NE	NA
Chromium	NE	NE	NE	NA
Lead	0.013	NE	NE	NA
Mercury	0.0004	NE	NE	NA
Selenium	0.05	NE	NE	NA
Silver	0.012	NE	NE	NA

Notes:
SWPC = Surface Water Protection Criteria
Res VC = Residential Volatilization Criteria
I/C VC = Industrial/Commercial Volatilization Criteria
mg/L = milligrams per liter. ug/L = micrograms per liter
NA = Not Analyzed NE = Not Established
Red type indicates proposed RSR criteria not yet promulgated.
Bold type indicates an exceedance of the RSR criteria.
Only those VOC analytes detected are listed.
< = Analyte not detected above the laboratory's reportable detection limit.

MAP REFERENCES:

1. NEW BRITAIN TO HARTFORD BUSWAY, HARTFORD NORTH, STA. 450+00.00 TO STA. 490+88.08, SEMI-FINAL DESIGN REVIEW, DATED: 6/18/09.



REV.	DATE	DESCRIPTION	SHEET NO.
		REVISIONS	

SCALE IN FEET
0 40 60
SCALE 1"=40'

DESIGNER: D. WILLIAMS
DRAFTER: J. LUNDQUIST
CHECKED BY: D. WILLIAMS

STATE OF CONECTICUT
DEPARTMENT OF TRANSPORTATION

ENGINEER: TETRA TECH RIZZO, INC.
APPROVED BY:
DATE:

TETRA TECH RIZZO

PROJECT TITLE:
SIGOURNEY/HAWTHORNE STREET STATION
NEW BRITAIN – HARTFORD BUSWAY

CADD: 127-17797-06018-230-29HR02.dgn PLOTTED DATE: 7/10/2009

TOWN: HARTFORD

DRAWING TITLE: SOIL BORING PLAN

CONTRACT NO.: 0171-0305
DRAWING NO.: 2
SHEET NO.: